

# ANNUAL REPORT 2020-21



**All India Institute of  
Medical Sciences**  
Rishikesh (Uttarakhand)



Our motto

**"VISHWAROGYAM HI DHARMO NAH"**

'Global health is religion for us'



**AIIMS  
RISHIKESH**

## **VISION, MISSION & VALUES**

### **Vision**

The institution will be expected to absorb talent, provide highly trained medical and paramedical manpower for the country and conduct research in national and regional health problems. The institute, outside the purview of the Medical Council of India shall be allowed to experiment with innovations in medical education and serve as advisory body for making government health policies

Main objectives according to AIIMS Rishikesh are to create an excellent academic and educational milieu for providing a platform for development of quality medical services, teaching and research. Other objectives are to achieve an epitome of quality in medical education delivery and training system and to render International standard quality patient care and health care development system.

We aim to enhance the reputation of our country by relevant research in medical field, creating clinical excellence and social awareness in young doctors and giving bright minds of Uttarakhand a preference in participation of path breaking research and giving new dimensions to medical science.



## Mission

The government of India has launched the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) under the Ministry of Health and Family Welfare, New Delhi with the objective of correcting regional imbalances in the availability of affordable and reliable tertiary health care services and also to augment facilities for quality medical education creating a critical mass of doctors and conduct research in the country relevant to the area

Main mission is to establish a centre of excellence in medical education, training, health care and research imbued with scientific culture, compassion for the sick and commitment to serve the under served.

## Values

Excellence in health care with professionalism, accountability, ethics, and compassion with team work, transparency, diversity, path breaking innovation, active collaboration and communication.







# DIRECTOR'S MESSAGE



## **Dr. Arvind Rajwanshi**

**Executive Director, AIIMS Rishikesh**

MBBS from the Indira Gandhi Medical College, Shimla (Himachal Pradesh).

MD Pathology from Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh

MRC Pathology from Royal College of Pathologists, London.

Senior Residency from PGIMER, Chandigarh

*I am privileged to present annual report of AIIMS, Rishikesh for year 2020-2021. This annual report reflects our endeavours in year 2020-21 and celebrates milestones achieved. AIIMS, Rishikesh establishment in State of Uttarakhand was in a bid to correct regional discrepancies as perceived by Pradhan Mantri Swasthya Suraksha Yojana (PMSSY). AIIMS Rishikesh has undergone transfiguration and always strived for fulfilling mandates of PMSSY. It provides world-class affordable tertiary health care, quality medical education, research and innovation facilities.*

Patient care is prime mandate of AIIMS Rishikesh with compassion for sick and commitment to serve under served being utmost in all ideologies. Institute has a manpower of over 233 faculty members, supported by a 666 resident doctors including foreign national and sponsored candidates, and 1326 nurses. AIIMS, Rishikesh is continually working on task of providing best health care services, total OPD attendance from April 2020 to March 2021 is 2,31,071. Average footfall in OPD (in pre-Pandemic period) was 2,228 patients per day. Total 42 Departments are running OPD daily with Endocrinology, Surgical Oncology, Nephrology, Surgical Gastroenterology, Plastic Gynaecology, departments as new super specialties added in this year. Hundred specialised clinics have been initiated including Aesthetic Clinic, ART Clinic, Botulinum Toxin injection clinic, Bronchial Asthma, Cardiac Electrophysiology, Child & Adolescent Psychiatric Clinic, Liver Clinic, Lung Cancer, Male Infertility, Movement Disorder, Musculoskeletal Tumour Clinic, Musculoskeletal TB Clinic, Myeloma & Lymphoma Clinic, Sleep Disorder Clinic to name a few.

For treatment of cancer, AIIMS Rishikesh is getting patients from all over Uttarakhand and neighbouring areas of UP, Haryana, Himachal Pradesh, Madhya Pradesh and Bihar. Newly added facilities further our pledge to serve mankind, this includes services provided using high-energy state of art Linear Accelerator (HELA), Brachytherapy and 16 Slice CT Simulator and Hyperthermic intraperitoneal chemotherapy (HIPEC) and second Linear Accelerator (HELA) was launched and dedicated to treatment of cancer patients on 15 Aug 2020. There was launching of air ambulance facilities or Heliport, for providing immediate care to people with serious injuries in disaster or road accidents. It was started on 13 August 2020.

Institute initiated a 200-bedded hospital is now having full bed strength of 960, with bed occupancy of 100 % at any given time. Surgical Operation services commenced from June 2014. Currently there are total of fifty-four Operation theatres, out of which 25 are Major Modular OTs and 8 Major non modular OT. Robotic Surgery and Paediatric Cardiac

Surgery has been initiated. We have a well-equipped Cardiac Cath Lab and endoscopy facilities are there in Gastroenterology and hepatology.

Diagnostic wing has state of art investigation labs including Pathology, Microbiology and Biochemistry departments to aid in patient care. A total of 38,61,082 diagnostic investigations. 3D Motion Analysis and Virtual Reality VR Lab was duly launched at AIIMS, Rishikesh.

#### **Patient care amidst Pandemic**

Whole world struggled with advent of two waves of Pandemic of COVID -19. From first day AIIMS Rishikesh started process of gearing up facilities, training manpower and creating separate COVID wards. Preparedness trainings were commenced on 23 March 2020 and till now have trained more than 9430. These included Training on General instructions, PPE Donning & Doffing & Hand hygiene; Sample collection; Contact Tracing; Cleaning & Disinfection & Do's & Don'ts & CPR Recommendations, Training on Airway Management (in COVID-19 Cases), Training on Basic Critical Care Skill & Ventilator Support ( for Nursing Officers), Training on Ventilatory Management in Critically ill Patients & Adjuncts (for Residents), Training on ECG Identification of Rhythm & Clinical Management (in COVID-19 Cases), Training on Ambulance Disinfection ( for COVID-19), Training on General Instructions & Hand Hygiene & practices, Contact Tracing; precautionary measures pre-cooking, cooking & serving food (Kitchen, Mess & Canteen Staff) And Reinforcement Training for Cleaning & Disinfection (House-keeping Staff). Now training for predicted third wave paediatric cases handling and facility for paediatric ICUs is being fulfilled.

Core Covid team was framed to plan, monitor progress and resolve issues on daily basis. Movement of patients from entry at gate, till admission was planned with screening checks at every point. We expanded our COVID 19 facility to up-to 820 beds inclusive of 300 ICU beds with additional hospital inaugurated on May 2021 in the IDPL campus at Rishikesh. The medical facility, to be run by AIIMS Rishikesh, has been set up by the Defence Research and Development Organisation (DRDO) in just two weeks. The hospital has been named after 1962 India-China war hero Rifleman Jaswant Singh



Rawat. Total admissions at AIIMS Rishikesh were 12170 (including 2456 positive cases). We have successfully treated thousands of patients. AIIMS Rishikesh also started vaccination facility on 4th October 2021 and has facilitated vaccination of more than 48,134 persons. This includes health care workers having 27,234 first dose and 20,900 second dose and general public having first dose of 21,383 and second dose of 15,944 respectively.

Coronavirus testing began at AIIMS, Rishikesh on 30 March 2020 with Herculean efforts of Department of Microbiology, dedicated faculty and staff and administration of AIIMS Rishikesh. An additional facility was also subsequently developed and testing capacity is now 2000 tests/day. Lab has tested approx. >181440 samples till date.

Two separate screening OPDs designated as COVID and Non COVID OPDs were created in open environment. Separate Kiosks were installed to cater testing of patients coming in odd hrs. Emergency Services was continued, cancer and obstetric cases were regularly attended. Telemedicine was escalated to cater for growing number of patients opting for telemedicine-based care. Total of 10654 patients benefitted from Virtual OPD Consultation and 686 took benefit of E Sanjeevani consultations. AIIMS Rishikesh also received Kayakalp commendation award 2019-2020 declared in April 2020. We feel we have best our best foot forward to fulfil our obligations and meet our mandate of patient care.

### Academics

In start of this year, on 14 March 2020, a notable academic event was organised giving AIIMS Rishikesh an opportunity to have Hon'ble Home Minister of India Shri Amit Shah ji, as Chief Guest. Convocation 2020 would remain etched in memory of all concerned as an extraordinary event. AIIMS, Rishikesh has been imparting undergraduate Medical Education (MBBS) since 2012 and B.Sc. (Hons) Nursing since 2013. We have 546 MBBS students including 50 AIIMS Jammu students, 435 MD/MS, 169 DM/MCh, 30 MPH & MSc, 90 PhD, 27 PDCC, 33 Paramedical, 297 BSc Nursing and 34 MSc Nursing, total of more than 1600 students.

Currently Institute has initiated 157 new Medical & Allied courses with 200 more approved and in

pipeline. Institute is also providing many short-term Courses and Diplomas to assist in upgradation of health professional skills aiming to help combat shortage of specialized and skilled work force in State of Uttarakhand and Nation at large.

AIIMS, Rishikesh has metamorphosed into an Institute relentlessly working to achieve mandate of providing excellence in Medical Education.

In a bid to extend our skills and compete with best in world, Medical Education department has been rechristened as Advanced Center of Continuous Professional Development (CPD) to incorporate not only Medical Education but in future we envision eleven or more divisions working in different aspects of educations, training not only doctors but paramedics, non-medical non-technical staff, and administrators. A state of art Advanced Center of Medical Simulation & Skills for training of all students is functional since its inauguration by Hon'ble President of India, on 3 Nov 2018. On 4 April 2019, a Center of Excellence in Nursing Education and Research was inaugurated. At AIIMS, Rishikesh a Department of Humanities has been started which is envisioned to play a major role in Medical Education.

### Social outreach (Dhanwantari Abhiyan)

To reach out to last person in far-flung areas with difficult terrain, AIIMS Rishikesh began Dhanwantari Abhiyan on Oct 2017. AIIMS Rishikesh has established COVID-19 Community Task Force, with the aim to create awareness regarding the COVID-19 protective conception among the community. Mask bank on the auspicious occasion of Vijay Dashami on 25-10-2020 at Triveni Ghat to provide masks to the common people, especially to those who cannot afford to purchase it due to lack of money. More than 50,000 masks were distributed by social outreach cell AIIMS Rishikesh. Under Unnat Bharat Abhiyan we have adopted five villages and continuously we are providing services to the villages.

### Research

Institute is committed to high quality and standards in both Medical Education and Research. Our faculty and scientists are engaged in frontline research in areas. Institute has earmarked more than five crores rupees for

research and societal advancement. There are more than 325 intramural projects in various stages and 241 non-funded projects have been approved by Institutional Ethics Committee. Eighty-three Extramural Projects and twenty-four extramural projects have been funded by Department of Biotechnology (DBT) and Department of Science & Technology (DST) and Uttarakhand State Council for Science and Technology (UCOST), Michel J Fox Foundation, USA etc. Many new Short Term Studentship projects funded under Undergraduate Scholarship Program Scheme have been undertaken by students, in an effort to enhance interest towards research and innovation for medical and nursing students, who would be provided with a scholarship after completion of project. There are More than nine hundred and sixty publications in year 2020-21. Institute would be supporting patent of innovations by both faculty and students. AIIMS, Rishikesh PhD program was initiated in a bid to provide platform for candidates from various streams to work on new ideas. A total of 90 candidates have been enrolled till now in various discipline. To facilitate exchange of students for gaining experience in diverse fields we have established 25 Memorandum of Understanding (MoU's) with various world class institutions like PGIMER, Chandigarh; Tata Memorial Hospital, Mumbai, NIMHANS, Bengaluru, SGPGIMS, Lucknow; NIHF, New Delhi; IIT, Roorkee; CSIR-IITR, Lucknow; international collaboration like University Of Colorado Denver, Cornell University for and on behalf of Weill Cornell Medicine, New York, Presbyterian hospital USA, Gorge Washington University Medical school, USA to name a few.

### Future expansion plans for AIIMS Rishikesh

AIIMS, Rishikesh would be planning to provide unsurpassed possible tertiary care in coming years, influencing public health over coming century. Seven Advanced Centres have also been approved in Standing Finance Committee worth Rs 500 crore including Block for Transplant Services, Advanced Ophthalmic Centre, Advanced Cardiac Centre, Advanced Neurosciences Centre, Advanced Oncology Centre, Academic block for clinical department and Administrative block.

Hon'ble Prime Minister Narendra Modi visited and blessed AIIMS Rishikesh on 8 October 2021. During his visit, the prime minister inaugurated an oxygen plant at the AIIMS Rishikesh, dedicating to the nation one of 35 Pressure Swing Adsorption (PSA) oxygen plants established under the PM CARES Fund. Union Health Minister Mansukh Mandaviya ji, Uttarakhand governor Lieutenant General (Retired) Gurmit Singh ji, Uttarakhand Chief Minister Pushkar Singh Dhamiji and Health Uttarakhand Minister Dhan Singh Rawat ji were also present in this occasion.

We are amidst pandemic of Covid-19, AIIMS Rishikesh is providing testing and treatment and vaccination facilities and is proving its mettle in face of this challenging situation. Honouring countless trust bestowed on us by people and fully aware of people's expectation from our Institute, our team shall continue to work to fulfil our obligations.

I would like to thank you all.

JAI HIND

### Dr. Arvind Rajwanshi

Executive Director, AIIMS Rishikesh

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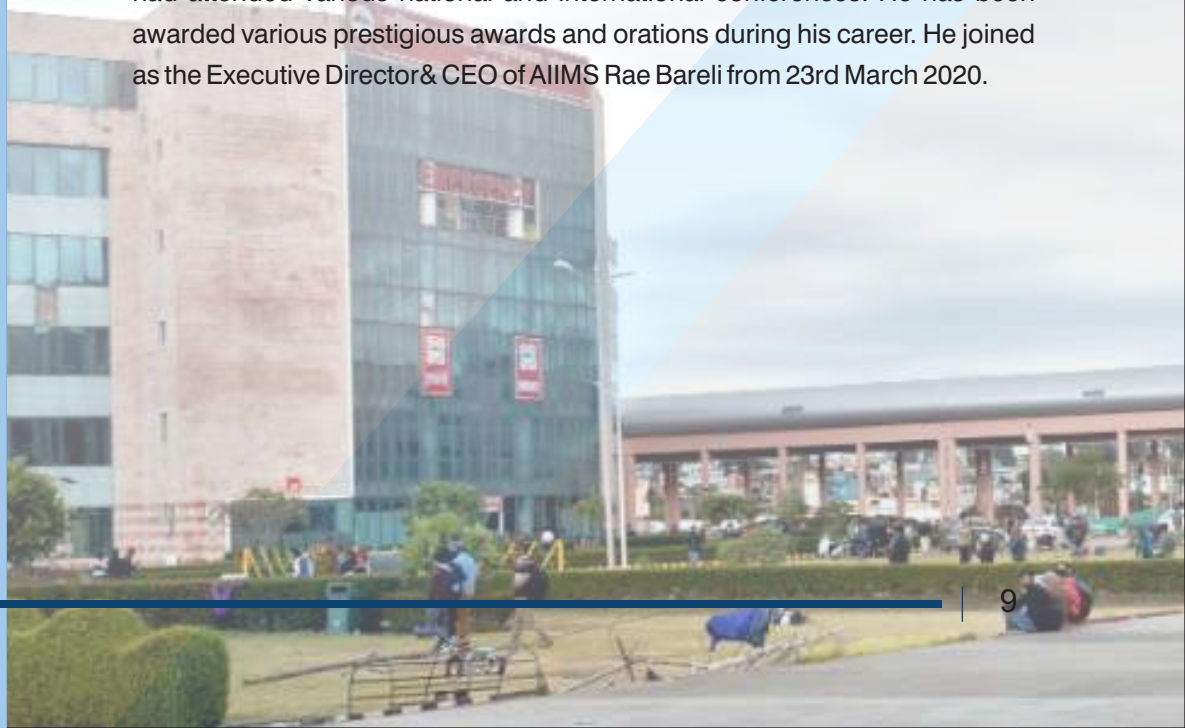
MD Pathology from Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh

MRC Pathology from Royal College of Pathologists, London.

Senior Residency from PGIMER, Chandigarh

### **Biography :**

Dr. Arvind Rajwanshi did his MBBS from the Indira Gandhi Medical College, Shimla (Himachal Pradesh) in 1977. He did MD Pathology from Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh in the year 1981 and did MRCP Pathology in 1994 from Royal College of Pathologists, London. He did his Senior Residency from PGIMER, Chandigarh and joined as consultant in the same Institute. He was head of the Department of Cytology and Gynecological Pathology, PGIMER, Chandigarh from the year 2003 to January 2020. He has also worked as Consultant in Salmaniya Medical Centre, Manama, Bahrain (April 1994 to March 1994), National University Hospital and National University of Singapore, Singapore (April 1999 to April 2001) and Senior Consultant Singapore General Hospital, Outram Road, Singapore (December 2005 to January 2007). He was Professor In-charge, National Institute of Paramedical Sciences, PGIMER, Chandigarh from the year 2007 to 2019. He has also been Dean (Research) and Dean (Academics) of PGIMER, Chandigarh till 23 March 2020. He has published more than 300 publications in National and International Journals. He has been the Chairperson of various committees of PGIMER, Chandigarh and is also a member of various National and International scientific societies. He has been the member of various task force and committees of the Government of India. He had attended various national and international conferences. He has been awarded various prestigious awards and orations during his career. He joined as the Executive Director & CEO of AIIMS Rae Bareilly from 23rd March 2020.



## Brief Glimpse of Progress of AIIMS Rishikesh

S.No.	Achievement	2019-20	2020-21
1	Faculty	290	233
2	Under Graduate (UG)	525 06 (UG Batches)	633 (125 / year) 06
3	Post Graduate (PG) MD/MS	410	471
4	DM/MCh	152	121
5	PhD Candidates	97	103
6	M.Sc Nursing	18	23
7	B.Sc. Nursing Students Batch Strength	275/Year	312 (100 / year) 3
8	Courses	31 (65 more approved)	157 (200 more approved)
9	Research	i) 200+ Intramural projects (Funded) ii) 100+ non funded Projects iii) 83 Extramural Projects iv) 31 STS projects	i) 84+ Intramural projects (funded) ii) 241+ Intramural projects (Non-funded) iii) 21 Extramural projects iv) 6 STS Projects
10	Beds strength	960	960
11	Trauma Services	Started on April 2017	Fully Operational
12	Tertiary Care	Cardiology, Neurosurgery, CTVS, Nephrology, GI Surgery, Urology, Head & Neck Oncology, Neonatology, Neurosurgery, Trauma Surgery, Radiotherapy,	Cardiology, Neurosurgery, CTVS, Nephrology, GI Surgery, Urology, Head & Neck Oncology, Neonatology, Neurosurgery, Trauma Surgery, Radiotherapy, Interventional Radiology
13	Heliport	-	Started on 13 August 2020
14	e-Hospital	Started in May 2018	Fully Functional
15	Stroke Unit	Started in July 2017	Fully functional
16	Buildings	Allotted to CPWD in 2017 & now most of buildings are in completion	Trauma Center completed Nursing College completed Auditorium 99% completed (delay due to Corona)
17	Hygiene	Fully Mechanized	Fully Mechanized
18	Faculty/Resident Development Programmes	160	170
<b>Academic Meetings</b>			
19	CGR,	191	0 (Due to COVID Pandemic)
20	Clinic Audit	24	0 (Due to COVID Pandemic)
21	Journal Club	23	0 (Due to COVID Pandemic)
22	Mortality Meeting	10	8

Hospital Services			
23	Ayushman Bharat Program / Atal Ayushman Yojana	23595+	50130+
24	Ventilators	-	300
25	OPD (patients registered)	25,90,102	30.8 Lakhs
26	IPD (patients registered)	1,18,255	1.80 Lakhs
27	Operation Theatres (OT's)	54 (25 Modular OT, 18 Major, 11 Minor)	54 (25 Major Modular OT and 8 Non Modular OT)
28	Surgeries (Major)	28,949	37000+
29	Diagnostic Investigations	28,61,082	3861082
30	Autopsy	400+	2000+
31	AYUSH	34,000 +	34,000 +
#	Achievements	2019-20	2020-21
32	New Clinic Started	Super specialist Patient Care Services (52 New Speciality Clinics started) Total Specialty Clinics = 85	<b>Afternoon Specialty Clinics = 100</b> Aesthetic, ART, Assisted Reproduction (IVF) & Infertility, Breast disorders and Breast, Cancer, Bronchial Asthma, Cardiac Electrophysiology, Child & Adolescent Psychiatric, Clubfoot, Colorectal, COPD, Cornea, Cosmetic, Reconstructive Gynaecology and Urogynaecology, Craniofacial, De-Addiction, Demyelinating, Diabetes Mellitus, Diabetic foot & Traumatic Brain Injury (TBI) Rehab, Dialysis, Eczema & Dermatitis, Endocrine Surgery, Epilepsy, Female Pelvic Medicine & Neuro urology, Fever, Geriatric, Geriatric, Glaucoma, Gynaecology Oncology, Haepato-pancreato Biliary, Hand, Head & Neck, Headache & Botulinum Toxin, Heart Failure, Hypertension & Life style Disease, Interstitial Lung Disease, Joint Replacement, Leprosy Leukemia & MPN, Liver, Lung Cancer, Male Infertility, Men's Health, Motion Analysis, Movement Disorders, Musculoskeletal Tumour, Myeloma & Lymphoma, Neonatology Nerve Muscle & Stroke, Neuro-Psychiatry, Orthopaedic Hand & Brachial Plexus, Otolaryngology & Neurootology, Paediatric Dermatology, Paediatric epilepsy, Paediatric Ophthalmology, Paediatric Orthopaedics, Paininterventi

			on&AmputeeRehab,Palliative andRehabilitation,PalliativeCare,PAP(f orOSA),Paediatric Endocrinology, Paediatric Genetic, Paediatric Neurology, Paediatrics Asthma, Paediatrics Nephrology, Pigmentary PMR Rheumatology, Preventive oncology, Psoriasis &ImmunobullousDisease,Retina,Rheu matology,Rhinology& Skull Base, Scoliosis, Shoulder, Sleep Disorder, Special Emergency Medicine, Sport Injury, Squint &Orthopaedics, STI Stroke & Spinal Cord Injury (SCI) Rebah,Suraksha, Surgical Oncology (Head & Neck Cancer), TB, TB Spine, Thoracic Surgery, Vertigo
33	New Construction	Girls hostel building completed & occupied, Type-V building is being constructed	Girls hostel building completed & occupied, Type-V building is being constructed
34	New Machinery /Services started	Robotic Surgery, Radiotherapy Services(Linac Brachytherapy), 16 Slice CT Simulator, Gamma Camera, Dialysis Service, 3D Motion Analysis & VR Lab (PMR), Simulation Lab, 128 Slice CT Scan, 3 Tesla MRI Machine	Robotic Surgery, Radiotherapy Services(Linac Brachytherapy), 16 Slice CT Simulator, Gamma Camera, Dialysis Service, 3D Motion Analysis & VR Lab (PMR), Simulation Lab, 128 Slice CT Scan, 3 Tesla MRI Machine





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## DIRECTOR'S MESSAGE



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# ADMINISTRATION

## 2. ADMINISTRATION

Administration is the backbone of any Institute / Body. All India Institute of Medical Sciences Rishikesh is has two arms.

- **INSTITUTE**
- **HOSPITAL**

INSTITUTE – Institute consists of teaching & research

HOSPITAL – Patient care.

Administration is integral part of both above arms. It works as soul in the body. All works related to administrative policy of Government & institute are looked after by the Central Government.

Director & CEO, AIIMS Rishikesh is the administrative head of whole Institute whereas administration is headed by Deputy Director (Admin).

Following hierarchy is followed in administration department at AIIMS Rishikesh.

### Deputy Director (Admin) – Senior Administrative Officer – Administrative Officer – AAO – JAO – JAA

Although AIIMS Rishikesh is an autonomous body established under Act of Parliament under the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) scheme of Ministry of Health and Family Welfare (MoHF&W), Government of India, all rules and regulations of Department of Personnel and Training (DOPT), Ministry of Personnel, Public Grievances and Pensions, Government of India are applicable at the Institute.

General administration is involved in almost all assignments and activities of Institute, however it mainly deals with recruitment, procurement, complaint and grievances handling, RTI replies, Ministry and Parliament compliance, security matters, employee trainings and welfare, human resources management, learning resources management, event management, etc.

### 1. AIIMS, Rishikesh Administration: 2020-21

S. No.	Designation	Name	Period From	To
1.	Director	Prof. Arvind Rajwanshi	14-09-2021	Cont...
2.	Dy. Director (Admin)	Lt. Col. Achyut Ranjan Mukherjee	----	Cont...
3.	Financial Advisor	Comdt. P.K Mishra	09-08-2019	Cont...
4.	Dean	Prof. Manoj Gupta	26-08-2019	Cont...
5.	Superintendent Engineer	Shri B. S. Rawat	.....	Cont...
6.	Registrar	Shri Rajeev Chaudhary	05-11-2016	Cont...
7.	Public Relation Officer	Shri Harish Thapliyal	27-09-2014	Cont...
8.	Senior Administrative Officer	Shri Shashi Kant	.....	Cont...
9.	Administrative Officer	Smt. Santosh	17-07-2019	Cont...
10.	Senior Librarian	Shri Sandeep Kumar Singh	09-04-2018	Cont...
11.	Law Officer	Shri Pradeep Chandra Pandey	24-07-2019	Cont...
12.	Account Officer	Shri Rajiv Gupta	31-01-2020	Cont...
13.	Executive Engineer (Electrical)	Shri Indrajeet Singh	01-05-2019	Cont...
14.	Executive Engineer	Shri Ajay Kumar	22-03-2021	Cont...

## 2. Administration – Organization Chart



### I) Departmental Activities

#### Events and Ceremonies

Days of national festivals like Republic Day (26th January), Independence day (15th August), Gandhi Jayanti (2nd October, Ambedkar Jayanti (14th April), Constitution Day (26th November) were celebrated. Ceremony and functions were organised in Institute adhering to COVID Protocols as per direction of Govt. of India.

Also, International Yoga Day was celebrated in the Institute on 21 June, 2020. Swachhata Pakhwada was conducted in Institute during month of July.

#### Digitisation

In order to implement and encourage “DIGITAL INDIA” campaign of Ministry of Electronics and Information Technology, and Ministry of Finance, Government of India, AIIMS RISHIKESH successfully implemented E-office for overall management and administration in Institute.

Besides above, following online portals are also functional at full pace at AIIMS Rishikesh

- E-hospital - Hospital management and patient care.
- Campus management system - Medical education management.

- E-Tender and GEM - Procurement
- ONLINE REGISTRATION SYSTEM (ORS) – Outpatient and Inpatient registration.
- MERA ASPATAAL – Patient feedback and grievance handling.
- Online RTI portal.
- Public Finance Management System (PFMS) – Payments and payroll.
- Fully functional Biometric attendance systems for faculties, officers and others employees.

### 3. New initiative of department

- New user friendly bilingual signage's are displayed in institute
- Abolishment of manual leave system for faculties, officers and other employees.
- Indents for stores are received electronically by mail or e-office.
- Employee Health Scheme (EHS) implemented for welfare of all employees and CGHS facility is being initiated for Central Government employees in the Institute.
- On 31st Oct, 2020 Run for Unity Marathon was organized on the occasion of National Unity Day (Sardar Vallabhbhai Patel Jayanti)

#### 4. **Workshop / conference / training organized by department**

Various training and workshops were organized through online mode in year 2020-21 for the purpose of capacity building, training and enlightening of faculty, officers and other employees of Institute about government rules and regulations, CCS Conduct Rules, Office procedures, verbal and non-verbal communication skills, General Financial Rules (GFR) 2017.

Keeping in view Covid-19 situation following online training programs were conducted during Vigilance Awareness Week Program (27.10.2020 - 02.11.2020)

- a) Pledge/e-Pledge for all faculty / Officers / Staff and employees of AIIMS Rishikesh
- b) Prevention of Corruption Act, 1988 (The Act) and RTI – By Sh. Pradeep Chandra Pandey
- c) Vigilance Awareness- for tracking corruption and deficit in governance and

permission under conduct rules – By Smt. Santosh , Administrative Officer

- d) Vigilance guidelines for scrap disposal – By Sh. Pankaj Rana, Sr. Administrative Officer
- e) Vigilance Guidelines for Tender and Procurement cases- By Sh. Anurag Singh, Superintending Engineer
- f) Vigilance w.r.t GFR Rules- By Comdt P.K Mishra, Finance Advisor/Sh. Rajiv Gupta, Account Officer
- g) Awareness campaign Poster/Essay competition – By Prof. Suresh Sharma, Dean Nursing
- h) Concluding Ceremony & Prize / Award distribution- By Smt. Santosh, Administrative Officer

#### 5. **Future plan of department**

e-APAR will be implemented for all employees of AIIMS Rishikesh.

### Various Institutional Bodies & AIIMS Rishikesh Committee :

#### 6. Institute Body

S.No.	Name	Designation
1.	<b>Prof Samiran Nundy (Padma Shri)</b> Co-Chairman, Department of Academics, Sir Ganga Ram Hospital	President
2.	<b>Shri Tirath Singh Rawat</b> Hon'ble Member of Parliament, Lok Sabha	Member
3.	<b>Shri Ajay Bhatt</b> Hon'ble Member of Parliament, Lok Sabha	Member
4.	<b>Shri Anil Baluni</b> Hon'ble Member of Parliament, Rajya Sabha	Member
5.	<b>Shri Rajesh Bhushan, IAS</b> Secretary, MoHFW, Govt. of India	Member
6.	<b>Prof Sunil Kumar</b> Director General of Health Services, MoHFW, Govt. of India	Member
7.	<b>Dr Dharmendra Singh Gagnwar</b> Additional Secretary & Financial Adviser, MoHFW, Govt. of India	Member
8.	<b>Chief Secretary, Govt. of Uttarkhand</b>	Member
9.	<b>Prof Om Prakash Singh Negi,</b> Vice Chancellor, Uttarakhand Open University, Haldwani, Uttarakhand	Member
10.	<b>Director, NIT, Srinagar, Uttarakhand</b>	Member
11.	<b>Dr. Virinder Kumar Bansal</b> Professor, Department of Surgery, AIIMS New Delhi	Member
12.	<b>Dr. Gurpreet Singh</b> Professor & HOD, Department of General Surgery, PGIMER, Chandigarh	Member
13.	<b>Dr Sushil Bhati</b> Senior Professor Department of Anaesthesia, SMS Medical College, Jaipur, Rajasthan	Member
14.	<b>Dr. Damodar Shenoy</b> Professor & HOD, Department of Emergency Medicine, Kasturba Medical College, Mangalore, Karnataka	Member
15.	<b>Dr. Anoop Kumar Jain</b> General Secretary (Scientific Activities), Indian Science Congress Association.	Member
16.	<b>Prof Ashok Puri</b> Distinguished Professor, Jaipuria Institute of Management Noida, Uttar Pradesh	Member
17.	<b>Prof Ravi Kant(Padma Shri)</b> Director, AIIMS, Rishikesh	Member Secretary



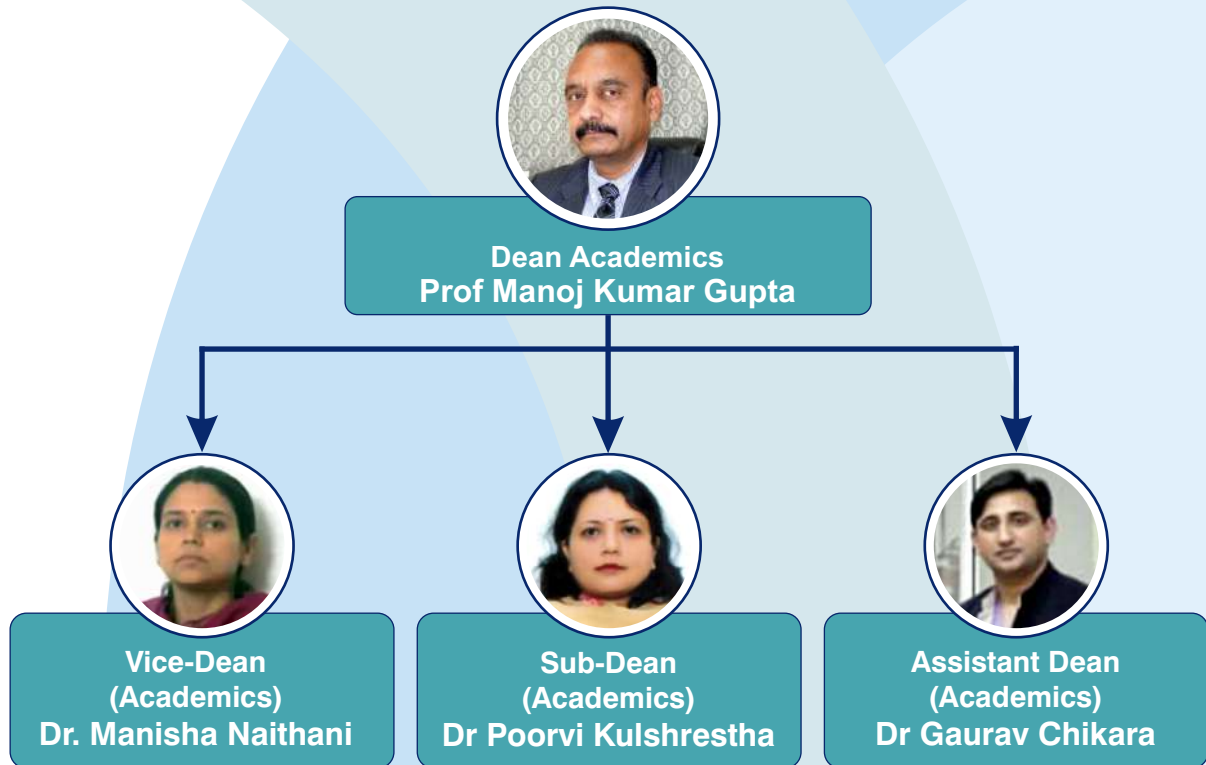


# ACADEMIC SECTION





## 3 ACADEMIC SECTION



### Academic Section has following Deaneries/Staff –

Sl.No.	Name of Deaneries/Members/Staff	Designation
1	<b>Prof Manoj Gupta</b>	Dean (Academics)
2	<b>Dr Manisha Naithani</b> Additional Professor (Biochemistry)	Vice-Dean (Academics)
3	<b>Dr. Poorvi Kulshrestha</b> Additional Professor (Physiology)	Sub-Dean (Academics)
4	<b>Dr. Gaurav Chikara</b> Associate Professor (Pharmacology)	Assistant Dean (Academics)

### 1. Academic Activities

#### 1.2 Total No. of students passed in the following examination:

Name of Examination	No. of Students	Batch
1st MBBS Professional	100	2019
2nd MBBS Professional	06	2017
3rd MBBS Professional	108	2016 & 2015

### 1.3 Any new initiative/development for teaching & training Reframing examination nomenclature under MBBS course

<b>MBBS First Prof (2019 Batch)</b>	<b>Exam 1</b> (Terminal) Oct 2019	<b>Exam 2</b> (Terminal) Jan 2020	<b>Exam 3</b> (Terminal) May 2020	<b>Exam 4</b> (First Prof) June 2020	<b>Exam 5</b> (Supplementary Exam) Sept 2020
<b>MBBS Second Prof (2018 Batch)</b>	<b>Exam 6</b> (Terminal) Feb 2020	<b>Exam 7</b> (Terminal) July 2020	<b>Exam 8</b> (Terminal) Oct 2020	<b>Exam 9</b> (Second Prof.) Nov 2020	<b>Exam 10</b> (Supplementary Exam) April 2021
<b>MBBS Third Prof (2017 Batch)</b>	<b>Exam 11</b> (Terminal) March 2020 (Third Prof subjects)	<b>Exam 12</b> (Terminal) June 2020 (Third Prof)	<b>Exam 13</b> (Terminal) Oct 2020 (Third Prof subject) Practical Third Prof	<b>Exam 14</b> (Third Prof) Nov 2020	<b>Exam 15</b> (Supplementary Exam) April 2021 (Third Prof)
<b>MBBS Fourth Prof (2017 Batch)</b>	<b>Exam 16</b> (Terminal) March 2021	<b>Exam 17</b> (Terminal) June Fourth Prof 2021 (Sub-Speciality subjects)	<b>Exam 18</b> (Terminal) Oct Fourth Prof 2021 (Practical)	<b>Exam 19</b> (Fourth Prof) Dec 2021	<b>Exam 20</b> (Supplementary Exam) April 2022 (Fourth Prof)

#### Change in Distribution of Internal Assessment is as follows :

Internal assessment would be 50% of total marks for both Theory and Practical. Internal Assessment theory and practical distribution will be as follows:

<p><b>Theory Internal Assessment (50%)</b> For 1,2, 3 &amp; 4 Professional</p> <ol style="list-style-type: none"> <li>Each of first two terminals constitute 10 % +10% marks = 20%</li> <li>Last terminal constitute 15 %</li> <li>Formative assessments = 15% (1-2 marks per month over duration of each professional total 15%)</li> </ol>	<p><b>Practical Internal Assessment (50%)</b> For 1 &amp; 2 Professional</p> <ol style="list-style-type: none"> <li>Each of first two terminals constitute 10 % + 10% marks = 20%</li> <li>Last terminal constitute 15 %</li> <li>Formative assessment = 15% (1-2 marks per month over duration of each professional total 15%)</li> </ol>
	<p>For 3 &amp; 4 Professional</p> <ol style="list-style-type: none"> <li>OSCE = 20%</li> <li>Last terminal constitute 15 %</li> <li>Formative assessment = 15% (1-2 marks per month over duration of each professional total 15%)</li> </ol>
Minimum score for appearing in Professional Examination will be 50% in theory of all terminal together in that particular subject	Minimum score for appearing in Professional Examination will be 50% in practical of all terminal together in that particular subject
Students will have to pass in both theory and practical separately to appear in Professional Examination by scoring 50% or more marks.	

**Distribution of Marks among Professional years:**

Subjects	Marks
<b>Professional I</b>	
Anatomy	200
Biochemistry	200
Physiology	200
<b>Professional II</b>	
Microbiology	200
Pathology	200
Pharmacology	200
Forensic Medicine	100
<b>Professional III</b>	
CFM	200
Ophthalmology	100
Dermatology	100
ENT	100
Orthopaedics	100
Psychiatry	100
<b>Professional IV</b>	
Medicine	300
Obs.&Gynae	300
Paediatric and Neonatology	300
Surgery	300
<b>Total</b>	<b>3200</b>

Competency is defined as “the ability to do something successfully and efficiently”, and CBME is an approach to ensure that graduates develop competencies required to fulfill the patients' needs in the society. Core committee was constituted for effective implementation of Competency Based Medical Education in Institute.

**PICE Classes**

Communications skills simultaneously integrated with Interpersonal Relationships, Ethics and Professionalism are very essential for medical practice. It is a backbone over which lot of areas of patient care rests. To develop above virtue in AIIMS Rishikesh students teaching Course on Humanities & PICE (Professionalism, Interpersonal Relationship, Communication and Ethics) for MBBS was started.

**Scrub Suit**

In an effort to appraise students importance of hygiene and overall presentation in healthcare profession, Scrub-suits were made mandatory for all students. Students not complying to dress code, to be marked absent.

**Evening Posting**

In an effort to increase clinics exposure, evening clinical postings were introduced.

**Introduction of AYUSH as a new course**

New course on AYUSH introduced for first year MBBS students.

**1.4 Number of students in various categories**

Category	2016	2017	2018	2019	2020	2021	Total
UR	37	33	50	51	52	-	
OBC	37	45	27	27	34	-	
SC	20	16	15	15	18	-	
ST	6	6	8	7	9	-	
EWS	-	-	-	-	12	-	

### 1.5 State/Union territory wise number of students on roll

BATCH 2020	
State	No. of Students
Andhra Pradesh	3
Assam	1
Banglore	1
Bihar	6
Chaattisgarh	2
Delhi	3
Goa	2
Gujarat	1
Haryana	14
Himachal Pradesh	5
Jammu And Kashmir	1
Jharkhand	1
Karnataka	1
Kerala	1
Madhya Pradesh	7
Maharashtra	7
Punjab	11
Rajasthan	40
Tamil Nadu	1
Telangana	2
Uttar Pradesh	11
Uttarakhand	3
West Bengal	1

BATCH 2018	
State/UT	No. of Students
Punjab	23
Uttarpradesh	12
Haryana	14
Rajasthan	33
Uttarakhand	3
Delhi	4
Himachal Pradesh	3
Madhya Pradesh	3
Kerala	2
Telangana	2
Assam	1
<b>Total</b>	<b>100</b>

BATCH 2019	
State	No. of Students
Assam	1
BIHAR	2
DELHI	1
Haryana	16
HIMACHAL PRADESH	2
Kerala	1
Kolkata	2
Maharashtra	2
MP	2
New Delhi	4
Punjab	16
Rajasthan	38
UP	9
Uttarakhand	3
West Bengal	1

BATCH 2017	
State/UT	No. of Students
Rajasthan	44
Bihar	6
Haryana	13
Uttarpradesh	7
Himachal Pradesh	3
Maharashtra	2
Punjab	11
Andhra Pradesh	1
Telangana	2
Jharkahand	2
Delhi	4
Assam	1
Uttarakhand	3
Kerala	1
<b>Total</b>	<b>100</b>

**Courses available :**

S.No.	Paramedical Name of Course	Number of students	
		2019-20	2020-21
1	ANAESTHESIA TECHNOLOGY	10	5
2	BACHELOR OF OPTOMETRY	8	8
3	DENTAL HYGIENE	0	2
4	DENTAL OPERATING ROOM ASSISTANT	0	2
5	MEDICAL LABORATORY TECHNOLOGY	0	18
6	NEURO-MONITORING TECHNOLOGY	0	2
7	NUCLEAR MEDICINE TECHNOLOGY	0	4
8	ORTHOPAEDICS TECHNOLOGY	0	2
9	PERFUSION TECHNOLOGY	0	2
10	RADIOTHERAPY TECHNOLOGY	0	4
11	RESPIRATORY THERAPY	4	2
12	SLEEP LABORATORY TECHNOLOGY	0	2
13	UROLOGY TECHNOLOGY	0	2
<b>Total</b>		<b>22</b>	<b>55</b>

**2. Postgraduate Students****Research Methodology Course**

Purpose of research is to discover answers to questions through the application of scientific procedures with objective of developing research aptitude and introduction to right tools to approach any research questions. Research Methodology course started for Postgraduate and Ph.D students which would help them while conducting their dissertation.

Age bar for admission under PDCC, Fellowship and Postgraduate Courses was removed.

Book Allowance for Residents (Academic) initiated Book Allowance for JRs &SRs of 2000/- and 3000/- respectively, to be availed for total of 03 times in overall tenure of a resident.

Mandatory courses for MSc and MPH

**Following courses were made mandatory for MSc and MPH students:**

- a) BLS
- b) Occupational Health Hazards & Vaccination
- c) Biomedical Waste Management
- d) Hand Hygiene
- e) Research Methodology & Biostatistics
- f) Evidence Based Medicine
- g) Skill Enhancement of Effective Digital Presentation
- h) Clinical Photography
- i) Good Clinical Practice
- j) Plagiarism & Referencing

**Academic Leave for Residents**

Introduced provision of leaves for Senior Residents to attend academic activities with total seven (07) days leave in one financial year.

**2.1 Admissions in various courses :**

S.No.	Name of Course	Batch 2019-20	Batch 2020-21	Number of Student
1	DM/M.Ch.	57	66	123
2	PDCC	47	18	65
3	Fellowship	03	01	04
4	PG (MD/MS/MDS)	145	222	367
5	Mch (6 Years)	1	6	7
6	MSc	11	10	21
7	BSc (Paramedical)	22	55	77
8	MPH	18	9	27
9	DTP	0	1	1
10	MBA(HCA) & MHA Dual Degree	0	1	1
11	MBBS	100	125	225
			<b>Total</b>	<b>918</b>

**2.2 Postgraduate students on rolls**

Sl.No.	Name of Course	Number of Students on roll	
		2019-20	2020-21
1	DM	21	43
2	MCh	36	23
3	PDCC	47	18
4	Fellowship Program	03	01
5	MD	119	173
6	MS	25	46
7	MDS	1	3
8	MCh (6 Year)	1	6
9	MSc	11	10
10	BSc (Paramedical)	22	55
11	MPH	18	9

**2.2.1 Subject-wise distribution of PhD students on roll**

Sl.No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Medical & Nursing students	25	07	NA	NA

**2.2.2 Subject-wise Distribution of DM Students on Rolls**

Sl. No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Addiction Psychiatry	1	1	0	0
2	Cardiac Anaesthesiology	4	1	0	0
3	Cardiology	0	2	1	0
4	Clinical Hematology	0	2	0	0
5	Clinical Immunology & Rheumatology	1	3	0	1
6	Clinical Pharmacology	1	1	0	0
7	Critical Care Medicine	4	2	0	0
8	Critical Surgical Intensive Care	0	1	0	0
9	Endocrinology	0	1	0	0
10	Gastroenterology	1	1	1	0
11	Haemato-pathology	0	1	0	0
12	Hospital Medicine & Critical Care	0	1	0	1
13	Neonatology	1	4	0	0
14	Nephrology	1	3	0	0
15	Neuroanaesthesia and Critical Care	2	1	0	0
16	Neuroimaging and Interventional Neuroradiology	0	1	0	0
17	Neurology	1	1	0	0
18	Onco-anaesthesia	0	2	0	0
19	Paediatric Gastroenterology	0	2	0	0
20	Paediatric Neurology	0	2	0	0
21	Pain Medicine (anaesthesiology)	2	4	0	1
22	Pain Medicine (pmr)	0	2	0	0
23	Pulmonary, Critical Care & Sleep Medicine	0	1	0	0
<b>Total</b>		<b>19</b>	<b>40</b>	<b>2</b>	<b>3</b>

**2.2.4 Subject-wise Distribution of Mch Students on Rolls**

Sl. No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Breast Surgery	2	1	0	0
2	Cosmetic Gynaecology	1	0	0	0
3	Craniomaxillofacial Surgery	1	0	0	0
4	Gynaecology Oncology	1	0	1	0
5	Head-neck Surgery & Oncology	4	0	0	0
6	Joint Replacement & Reconstruction	2	2	0	0
7	Minimal Access Surgery & General Surgery	0	1	0	0
8	Neurosurgery	4	1	0	0
9	Paediatric Orthopaedic Surgery	2	2	0	0
10	Plastic & Reconstructive Surgery	2	1	0	0
11	Spine Surgery	2	2	0	2
12	Sports Injury	0	1	0	0
13	Surgical Gastroenterology	2	2	0	0
14	Surgical Oncology	3	2	0	3
15	Trauma Surgery And Critical Care	3	1	0	0
16	Urology	6	2	0	0
<b>Total</b>		<b>35</b>	<b>18</b>	<b>1</b>	<b>5</b>

**2.2.5 Subject-wise Distribution of Mch (6 Years Course) on Rolls**

Sl. No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Neurosurgery	0	2	0	0
2	Paediatric Surgery	1	4	0	0
<b>Total</b>		<b>1</b>	<b>6</b>	<b>0</b>	<b>0</b>

**2.2.6 Subject-wise Distribution Of Fellowship Students On Rolls**

Sl. No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Fellowship In Sports Injuries & Arthroscopy	2	0	0	0
2	Fellowship In Trauma Rehabilitation	1	0	0	0
3	Fellowship In Advanced Echo-cardiography	0	1	0	0
<b>Total</b>		<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>

**2.2.7 Subject-wise Distribution Of MD/MS/MDS Students On Roll**

Sl. No.	Subject	Open		Sponsored	
		2019-20	2020-21	2019-20	2020-21
1	Anaesthesiology	19	20	0	2
2	Biochemistry	1	2	0	0
3	Community & Family Medicine	3	7	0	0
4	Dermatology & Venerology	2	0	10	0
5	Emergency Medicine	8	8	0	1
6	ENT	3	5	1	1
7	Forensic Medicine & Toxicology	1	3	0	0
8	General Medicine	16	18	4	8
9	General Surgery	6	8	0	7
10	Geriatric Medicine	1	0	0	2
11	Microbiology	0	2	0	0
12	Nuclear Medicine	4	2	0	4
13	Obst & Gynaecology	13	14	0	6
14	Ophthalmology	5	7	2	2
15	Oral & Maxillofacial Surgery	1	0	0	0
16	Orthopaedics	6	9	2	7
17	Paediatrics	9	9	3	7
18	Pathology & Lab Medicine	1	5	0	6
19	Periodontics	0	2	0	1
20	Pharmacology	1	2	0	0
21	Physical Medicine & Rehabilitation	2	3	0	0
22	Physiology	1	2	0	0
23	Psychiatry	3	4	0	2
24	Radiation Oncology	2	8	0	1
25	Radiodiagnosis & Imaging	9	11	2	7
26	Respiratory Medicine	0	2	0	1
27	Transfusion Medicine	3	4	1	0
<b>Total</b>		<b>120</b>	<b>157</b>	<b>25</b>	<b>65</b>



**2.2.8 Subject-wise distribution of MSc students on rolls**

S. No.	Subject-wise distribution of MSc students on rolls Subject	Number of students	
		2019-20	2020-21
1	Medical Anatomy	5	4
2	Medical Biochemistry	4	3
3	Medical Pharmacology	2	0
4	Medical Physiology	0	1
5	Perfusion Technology	0	2
<b>Total</b>		<b>11</b>	<b>10</b>

**3. Other activity/achievement of department  
Campus Management Software**

- a) Campus Management Software was introduced towards goal of achieving paperless office. Installation and training were conducted for few offices and to be continued in remaining offices.
- b) Real time database maintained for staff (faculty/non-teaching) and students. Monitoring and tracking of Attendance pattern and performance.
- c) Management of the entire examination process with report consolidation across various semesters and generation of Admit cards / Final Statement of Marks / Transcript.
- d) Faculty Management - Record and maintenance of staff Personal records such as service record, leave, attendance, time table, etc.
- e) Students can access their home page round the clock where timetable, exam sheet, marks, attendance will appear on periodic bases.

**4. Career Guidance Cell**

Career guidance Cell was established for career guidance to undergraduate and postgraduate students. Committee was constituted regarding same.

Learning Support Platform/ System

Learning Support Platform/System was developed for students and teachers for uploading demos, live cases study, live lectures, seminars etc. Training regarding same was provided for easy accessibility of system.

# STUDENT WELFARE BODY



## 4 STUDENT WELFARE BODY

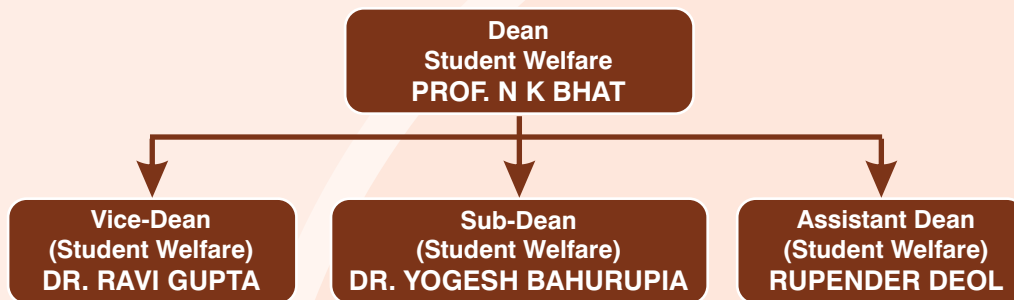
'AIIMS Rishikesh Students' Welfare Body' was established in October 2018 under the guidance of honourable director **Padma Shri Prof Ravi Kant** and **Dean student welfare Prof Manoj Gupta** with **Dr. Shubham Ahuja (2015 Batch)** as **President** and **Nitish kumar (2016 Batch)** as **General secretary**.

Student welfare body consists of all MBBS students of the institute with some of them being elected as representatives to act as links between the student welfare body and the administrative body of the institute.

**ARSWB** is a student care and supervision center that serves as a liaison between students and administration. Dean Student welfare closely works with students across all years and all societies to explore ways to enhance or address aspects of the entire student experience, from education to student life to career planning, and works with students to develop innovative solutions to issues and concerns.

The **main motive** of establishment of this body is to ensure upliftment of the; Academic, Social, Cultural, Literary and Sports activities of each student and thus that of the institute. Establishment of student body would also ensure that all the students of AIIMS Rishikesh get the liberty of thought and expression within the campus and to promote fraternity, accruing the dignity of the individual and the institute and be an authentic body to represent the students of the institute in matters concerning them in and out of the institute.

Various societies and clubs would be formed under student body to ensure proper sports, arts and cultural equipments are available in the institute to promote a healthy lifestyle and bring out the hidden talents of students. The purpose of student body is also to look after the smooth conduction of annual college fest '**PYREXIA**' and the student mess to warrant good quality, nutritious and healthy food for students who have come here to study from different parts of the country.



Department has following members & staffs –

Sl.No.	Name of Member/staff	Designation
1	Mr. Aasif Hussain	President
2	Mr. Ojas Saini	General secretary
3	Mr. Khetaram Jaipal	Cultural Secretary
4	Mr. Dharmraj Verma	Literacy Secretary
5	Mr. Shubham Miglani	Social Media Secretary
6	Mr. Nikhil Soni	Mess Secretary
7	Mr. Manish Kumar	Representative of boys hostel
8	Ms. Bhagyashree	Representative of Girls hostel
9	Mr. Vikas Choudhary	Finance Secretary
10	Mr. Naveen Preetam Nareda	Magazine Secretary
11	Mr. Sukhveer Yadav	Sports Secretary
12	Mr. Ankit Parmar	Fine Arts Secretary

**List of Event/Activity (Observing Covid-19 Responsible Behaviour)**

SI.No.	Cultural Event/activity name	Date
1	DUSSEHRA	25 October 2020
2	DIWALI	14 November 2020
3	LOHARI CELEBRATION	13 January 2021
4	HOLI CELEBRATION	29 March 2021

SI.No.	Literary Event/activity name	Date
1	Poetry competition – Pratibimb (online)	5th September 2020
2	Singing competition	1st-10th May 2020
3	Story writing	27 September 2019
4	Photography competition	July 2020
5	Started a literary club Named “Rishidharaa” also an online platform.	24 January 2020
6	The Online Poetry Competition on the theme of “World Earth Day “	22 April 2020
7	Literary events	September 2020
8	Student interviews (online)	Ongoing
9	Fine art events (online)	Ongoing

SI.No.	Sports Event/activity name	Date
1	Cricket(boys)	10 Feb–15 Mar 2021
2	Football(boys)	suspended
3	Kabaddi(boys & girls)	suspended
4	Badminton(boys/girls/mixed)	suspended

SI.No.	Fine Arts Event/activity name	Date
1	The Online Art Competition on the theme of “Corona Warriors- Art for Saviors “	24 April – 6 May 2020

SI.No.	PYREXIA Events	Date
	Could not be held due to Covid 19 pandemic	

**1. Departmental activity :**

- a) Planned & executed return to campus (screening, quarantine) of MBBS batch 2016, 28th July 2020.
- b) Planned & executed return to campus (screening, quarantine) of MBBS batch 2019, 17th– 21st November 2020.
- c) Planned & executed return to campus (screening, quarantine) of MBBS batch 2017, 6th– 8th December 2020.
- d) Planned & executed return to campus (screening, quarantine) of MBBS batch 2018, 21st – 23rd December 2020.
- e) Planned & executed admission process (screening, quarantine, hostel accommodation) of MBBS batch 2020, 1st – 6th February 2021.
- f) Planned & executed admission process (screening, quarantine, hostel accommodation) of MD/MS batch July 2020,
- g) Planned & executed admission process (screening, quarantine, hostel accommodation) of MD/MS batch January 2021,

- h) Planned & executed admission process (screening, quarantine, hostel accommodation) of DM/ MCh/ PDCC batch July 2020,
- i) Planned & executed admission process (screening, quarantine, hostel accommodation) of DM/ MCh/PDCC batch January 2021,
- j) Distribution of food and clothes on several occasions like Guru Prav, Eid at different places in Rishikesh like Triveni Ghat.
- k) Distribution of stationary items to the needy students of Rishikesh who are not able to buy these things at their own cost.

**2. Health awareness / educational activities**

Posting and delivery of healthcare services by MBBS students at BBGHCCC run by AIIMS Rishikesh.

**3. Workshop/ conference/ training**

Preparedness to combat Covid-19, Online teaching sessions conducted by CPD for 3rd & 4th Professional MBBS students.

**4. New initiatives**

- a) Establishment of Student Hobby Clubs is in process.
- b) Medtalks, a initiative on the online platform, having interviews of most of the students how to face difficulties in their medical life.

**5. Future plan**

Over the years, the ARSWB has helped in developing a great relationship between student and Administration. We intend to keep this cordial and fruitful relationship stronger. In order for us to achieve our ambitions as a body and an organization, we heavily rely on the support on the college administration. We recognise that we all have the same vision; a better and positive experience for all students on campus.

**In future we will start :****a) Student Care Centers**

Student Care Centre (SCC) will be available for students 24/7 and will act as single spot solution. We will along with our Psychiatry department will devise newer programme to tackle mental health issues among children and strengthen already running programmes. Students will approach SCC in case of any problem related to administration and student services. DSW and President will provide a favorable environment to fulfill students' academic and extra-curricular needs and stand devoted to ensure their success.

**b) Orientation Programs**

The orientation program is meant to celebrate your arrival and orient you to campus life. You are about to embark on a new adventure in your education, career, and personal life. We believe every student is a "Superhero", with their unique abilities and exceptional energy

to solve the world's problems. We will provide opportunities that will help newcomers to learn about campus resources to help them defeat the hurdles of campus life.

**c) Open House Sessions**

We are looking forward to start monthly open house session between administration and student to bring forth common problems face by students and suggestions for improvement of the learning process.

**d) Outreach Programme**

We will start more and more social outreach programme in rural areas to help student understand the common healthcare problem in country and inspire them to do their job whole heartedly for the betterment of nation.

**e) Clubs And Societies**

We will strengthen our already existing clubs and will form newer one with financial and infrastructure support from college administration.

Other than conventional clubs running in college we will start newer clubs like :

- a) Adventure clubs: For activities centered on outdoor recreation, interactive education, community service, teamwork, physical fitness and intercollege events. Safe hiking camping and rafting practices
- b) English & Soft skills Club: Although we had started it before but it failed we will start it with newer approach and help students coming from every corner of country.
- c) Green Club: It will play a global role in spreading the message to save the environment and to promote environment awareness in the society.

**f) Developing Leadership Qualities among students:**

Will provide 20-25 leadership opportunities annually. Will work on developing leadership curriculum and semester retreat for student leaders.

Also will bring out some changes in election procedure to increase womens participation in student body.

Also start to recognise and reward student leaders at semester and annual events.



AIIMS RISHIKESH				DATE:29/11/2019
DEPT OF RADIO DIAGNOSIS & IMAGING				TIME:12:11 29
X-RAY / एक्स-रे		ULTRASOUND / अल्ट्रासाउंड		
Room No / कमरा संख्या	Token No / टोकन संख्या	Room No / कमरा संख्या	Token No / टोकन संख्या	
XR1 / एक्स-रे 1	Not Active	USG1 / अल्ट्रासाउंड 1		
XR2 / एक्स-रे 2	X-047	USG2 / अल्ट्रासाउंड 2	U-035	
XR3 / एक्स-रे 3	Not Active	USG3 / अल्ट्रासाउंड 3	Not Active	
XR4 / एक्स-रे 4	Not Active	USG4 / अल्ट्रासाउंड 4	Not Active	
		USG5 / अल्ट्रासाउंड 5	Not Active	
CT SCAN / सीटी स्कैन		MRI / एमआरआई		
Room No / कमरा संख्या	Token No / टोकन संख्या	Room No / कमरा संख्या	Token No / टोकन संख्या	
HEAD / सिर	CH-010	MRI / एमआरआई	M-007	
Others / अन्य	Not Active			



# HOSPITAL ADMINISTRATION

## 5 HOSPITAL SERVICES

### Vision

1. To achieve global standards in patient care by adapting national and international accreditation standards and developing a culture of excellence in professionalism, governance and leadership.
2. To achieve global standards in providing medical education.
3. To achieve excellence in public health.
4. To achieve excellence in research.

### Mission

1. To provide comprehensive patient centered healthcare services which are effective, efficient, accessible, acceptable and equitable keeping safety at the top.
2. To achieve global standards in providing education by creating need based innovative medical and nursing education models and all round development of students and continuous professional development of faculty.

3. To develop excellence in public health by enhancing institutional impact on healthcare and programs so that institute can contribute to National Health Policy.
4. To achieve excellence in research by augmenting capacity, infrastructure and systems for research in basic, translational, clinical and public health sciences so as to contribute to nation in the fight against public health diseases.

### The Core Values are:

1. Patient focused care
2. Customer satisfaction
3. Patient treated with Respect and Dignity
4. Patient treated with Empathy and Compassion
5. Teamwork
6. Quality Policy
7. Integrity
8. Employee empowerment

### Department has following Faculty/staff

Sl.No.	Name of Faculty/staff	Designation
1	(Brig) Prof. U. B. Mishra	Dean (Hospital Affairs )
2.	Prof. Binaya Kumar Bastia	Medical Superintendent(Officiating)
3.	Dr. Anubha Agarwal	Assistant Dean
4.	Dr. Pooja Bhadoria	Assistant Medical Superintendent
5.	Dr. Levin	Resident

### 1. Patient Care Services:

AIIMS, Rishikesh, a tertiary care center with facility of more than 1060 beds is committed to provide compassionate and patient centric services.

Patients who is suffering when entering such a facility away from his/her home will have anxiety and fear. Hence department of Hospital Administration has taken various initiatives to improve the overall patients experience like reducing waiting time for all services, improve communication, resolving grievances and improvement of essential services like admission discharge process, dietary, laundry and sanitation services etc.

Introduction of latest technology, opportunity for staff to pursue trainings or courses is helpful for staff development and improve work culture.

Empathy, respectfulness by caregivers and adequacy of information sharing are most important competence focused by caregivers.

Sl. No.	Name of Department	Outpatient Department Attendance	Inpatient Department Attendance	Number of Surgeries (If Applicable)		Bed Occupancy
				Major	Minor	

### Surgical Specialties

1.	Burn & Plastic Surgery	1,277	188	178	21	79.49%
2.	CTVS	622	185	68	14	45.19 %
3.	Dentistry	5,854	46	44	-	77.9 %
4.	ENT	9,706	382	158	19	70.41 %
5.	General Surgery	9,344	1357	428	27	87.82 %
6.	Neurosurgery	2,086	927	487	5	90.51%
7.	Obstetrics & Gynecology	7,960	1427	671	7	49.97 %
8.	Ophthalmology	8,229	313	46	226	36.44%
9.	Orthopedics	11,814	835	364	35	75.60%
10.	Pediatrics Surgery	915	266	222	1	45.63%
11.	Surgical Oncology (Head & Neck)	845	65	80	4	48.23%
12.	Surgical Oncology	4,710	292	172	9	80.73
13.	Surgical Gastroenterology	254	240	136	2	67.06%
14.	Trauma Surgery	-	563	418	3	45.24%
15.	Trauma Ortho	-	478	292	-	55.56%
16.	Urology	8,980	713	331	120	95.79%

### Medical Specialties

1.	Cardiology	4,831	870	-	-	76.09%
2.	Dermatology	9,924	24	-	-	10.10%
3.	Gastroenterology	5,235	806	-	-	75.54%
4.	General Medicine	36,243	2850	-	-	74.14%
5.	Medical Oncology	3,233	371	-	-	69.87%
6.	Medical Hematology	2,703	296	-	-	69.87%
7.	Neurology	3,737	305	-	-	64.34%
8.	Pediatrics	5,369	1487	-	-	54.08%
9.	Psychiatry	3,530	630	-	-	47.22%
10.	Pulmonary Medicine	2,158	733	-	-	80.51%
11.	PMR	4,897	10	-	-	17.19%
12.	Radio-Therapy	4,939	1655	-	-	53.85%
13.	Neonatology	89	793	-	-	27.73%
14.	Nephrology	809	3049	-	-	74.76%
15.	PAC	18	-	-	-	-
16.	Endocrinology	234	168	-	-	26.66%
17.	Emergency	-	25,110	-	-	71.23%
18.	Community & Family Medicine	51,796	-	-	-	-
19.	Day Care Ward	-	5,823	-	-	100%
20.	Breast Disorders and Cancer Clinic	3,186	76	67	-	44.04%
21.	COVID -19	--	2,456	-	-	100%

### Special Clinic

1.	Aesthetic Surgery Clinic	24	-	-	-	-
2.	ART Clinic	302	-	-	-	-
3.	Assisted Reproduction IVF	28	-	-	-	-
4.	Botulinum Toxin Injection Clinic	5	-	-	-	-
5.	Bronchial Asthma	8	-	-	-	-



6. Child and Adolescent Clinic	13	-	-	-	-
7. Childhood Epilepsy Centre	30	-	-	-	-
8. Clubfoot Clinic	42	-	-	-	-
9. Colorectal Clinic	11	-	-	-	-
10. COPD	17	-	-	-	-
11. Cosmetic Reconstructive Gynaecology & Urogynaecology	11	-	-	-	-
12. De Addiction Clinic	32	-	-	-	-
13. Demyelinating Clinic	41	-	-	-	-
14. Diabetes Mellitus	1,339	-	-	-	-
15. Diabetic Foot and Obesity Clinic	4	-	-	-	-
16. Dialysis Clinic	301	-	-	-	-
17. Eczema and Dermatitis	5	-	-	-	-
18. EHS	2,805	-	-	-	-
19. Emergency Medicine	31	-	-	-	-
20. Endocrine Surgery	8	-	-	-	-
21. Endocrinology Pediatric	38	-	-	-	-
22. Epilepsy	14	-	-	-	-
23. Fall Clinic	32	-	-	-	-
24. Female Pelvic Medicine and Neurology	55	-	-	-	-
25. Fever Clinic	39	-	-	-	-
26. Genetics	17	-	-	-	-
27. Geriatric Clinic	998	-	-	-	-
28. Glaucoma Clinic	264	-	-	-	-
29. Glomerular Diseases	308	-	-	-	-
30. Gynecology Oncology	499	-	-	-	-
31. Hand Clinic	68	-	-	-	-
32. Head and Neck Cancer	3	-	-	-	-
33. Headache and Botulinum toxic Clinic	12	-	-	-	-
34. Heart Failure Clinic	2	-	-	-	-
35. Hepatpancreato Biliary HPB	19	-	-	-	-
36. Hypertension Life Style Diseases	93	-	-	-	-
37. Interstitial Lung Disease Clinic	7	-	-	-	-
38. Joint Replacement Clinic	74	-	-	-	-
39. Leukemia and MPN Clinic	1,217	-	-	-	-
40. Leprosy	17	-	-	-	-
41. Liver Clinic	113	-	-	-	-
42. Lymphedema	64	-	-	-	-
43. Male Infertility	33	-	-	-	-
44. Motion Analysis Clinic	222	-	-	-	-
45. Movement Disorder	4	-	-	-	-
46. Musculoskeletal Tumor Clinic	25	-	-	-	-
47. Myeloma and Lymphoma Clinic	307	-	-	-	-
48. Nerve Muscle disorders	18	-	-	-	-
49. Neuro Development and Behavioral	125	-	-	-	-
50. Neuro Psychiatry Clinic	5	-	-	-	-
51. Nuclear Medicine and Molecular Imaging	19	-	-	-	-
52. Obesity Clinic	15	-	-	-	-
53. Orthopedic Hand and Brachial Plexus	67	-	-	-	-

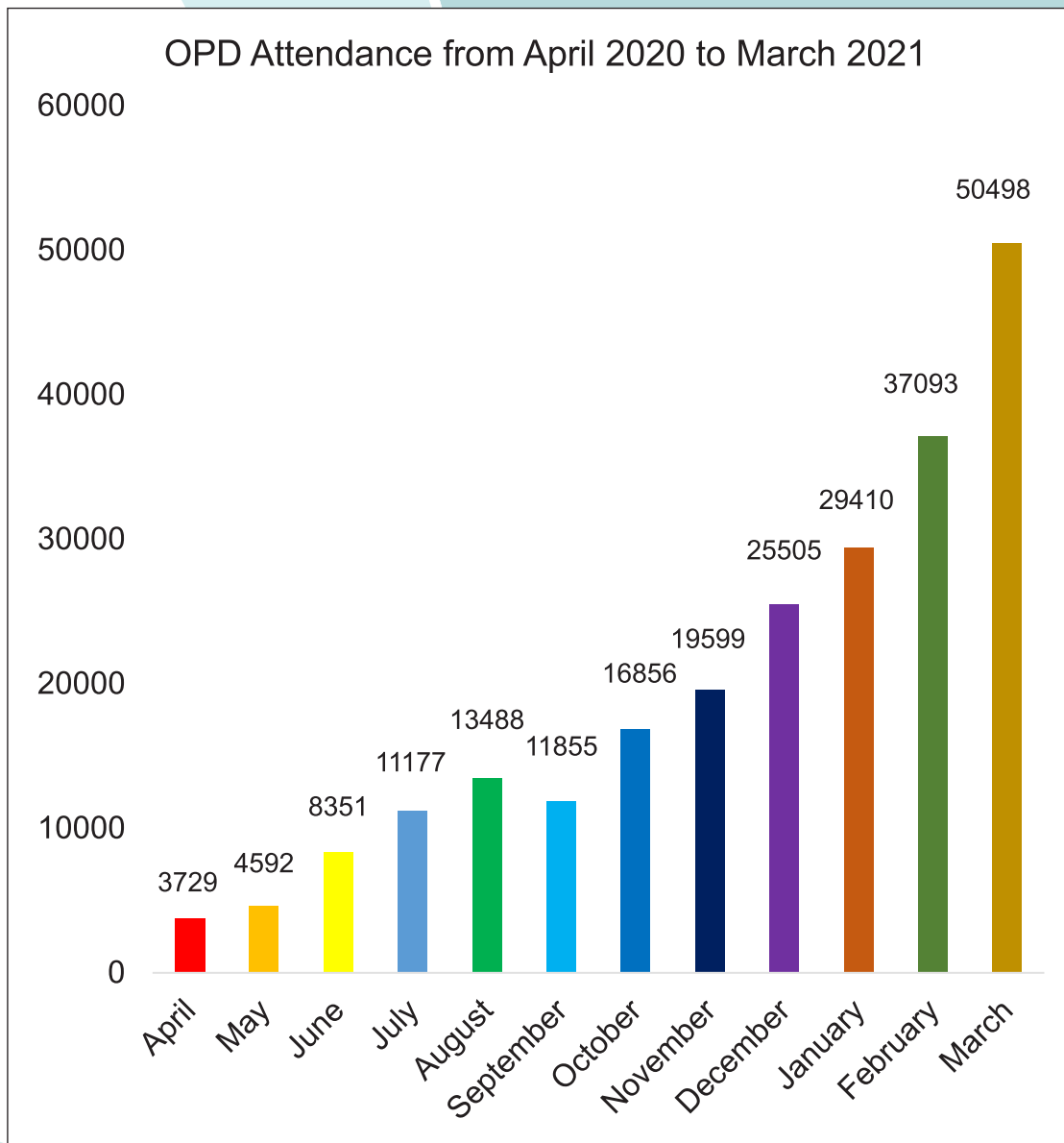
54. Otolaryngology and Neurology	29	-	-	-	-
55. PAC	18	-	-	-	-
56. Pain Intervention and Amputee Rehab	6	-	-	-	-
57. Pain Medicine Clinic	69	-	-	-	-
58. Pain Relief Clinic	234	-	-	-	-
59. Palliative Care Clinic	43	-	-	-	-
60. Pediatric Gastroenterology and Hepatology	5	-	-	-	-
61. Pediatric Asthma Clinic	6	-	-	-	-
62. Pediatric Cardiology	14	-	-	-	-
63. Pediatric Dermatology	43	-	-	-	-
64. Pediatric Diabetes	2	-	-	-	-
65. Pediatric Nephrology Clinic	24	-	-	-	-
66. Pediatric Neuro Behavioral Clinic	70	-	-	-	-
67. Pediatric Neuro infection and headache	60	-	-	-	-
68. Pediatric Neurology Clinic	260	-	-	-	-
69. Pediatric Urology	17	-	-	-	-
70. Pediatrics Endocrinology Clinic	19	-	-	-	-
71. Pediatrics Genetics Clinic	44	-	-	-	-
72. Pelvic Acetabular Injury Clinic	4	-	-	-	-
73. Pigmentary	7	-	-	-	-
74. Portal Hypertension Clinic	5	-	-	-	-
75. Preventive Oncology	70	-	-	-	-
76. Psoriasis Immunobullous Disease	4	-	-	-	-
77. Rheumatology Clinic	1,112	-	-	-	-
78. Scoliosis Clinic	41	-	-	-	-
79. Shoulder Clinic	36	-	-	-	-
80. Sleep Disorder Clinic	18	-	-	-	-
81. Spine Injury Clinic	103	-	-	-	-
82. Sports Injury Clinic	1,097	-	-	-	-
83. STI	9	-	-	-	-
84. Suraksha Clinic	97	-	-	-	-
85. Surgical Gastroenterology	254	-	-	-	-
86. Surgical Oncology Head & Neck Clinic	1,656	-	-	-	-
87. TB Spine Clinic	30	-	-	-	-
88. TBI Rehab Clinic	2	-	-	-	-
89. Thoracic Surgery	2	-	-	-	-
90. Thyroid Clinic	68	-	-	-	-
91. Trauma Surgery	49	-	-	-	-
92. Trauma Surgery and Critical Care	5	-	-	-	-
93. Vertigo	62	-	-	-	-

### Ayush

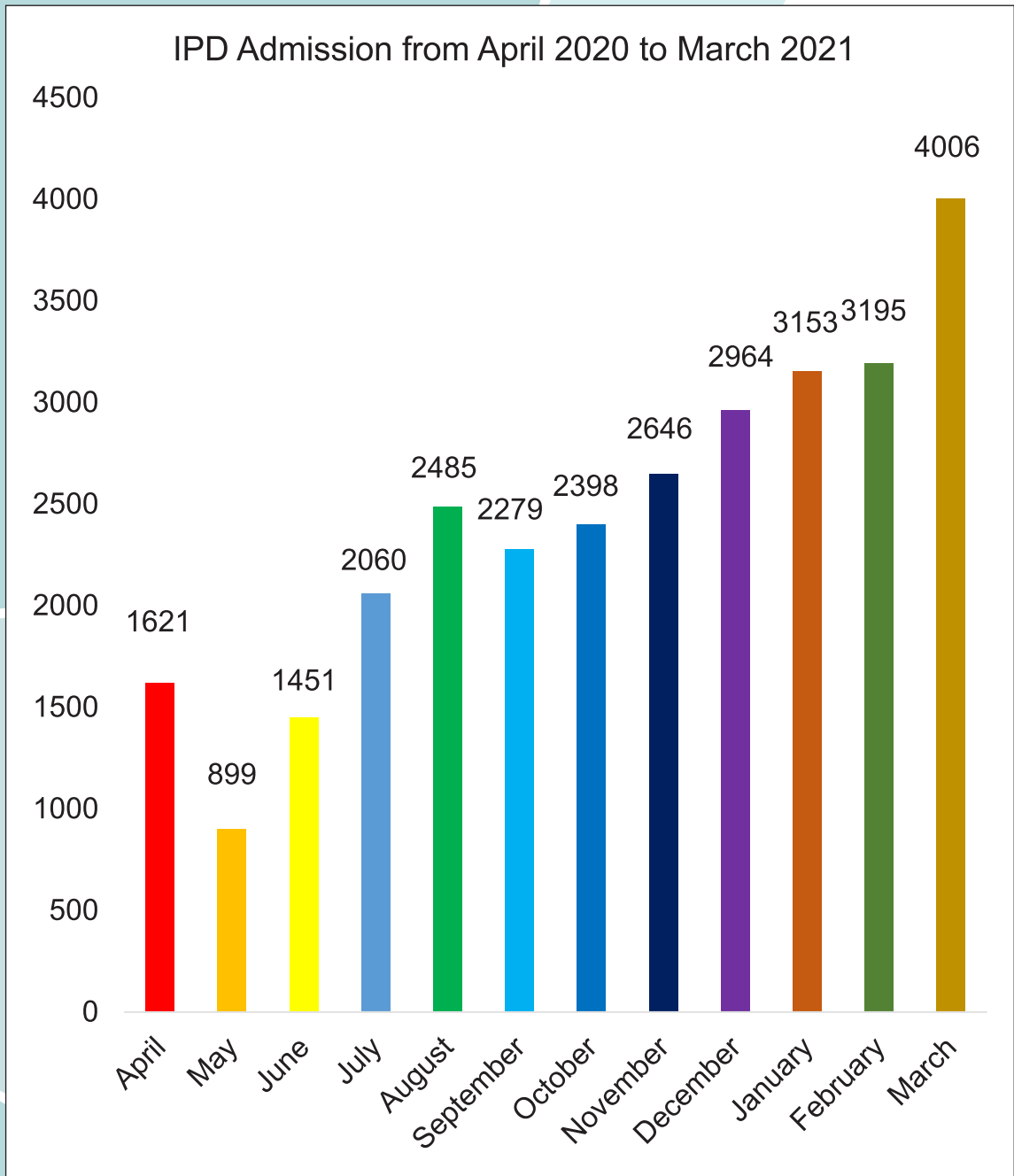
1 AYUSH (Homoeopathic)	-	-	-	-	-
2 AYUSH (Ayurvedic)	-	-	-	-	-
3 AYUSH (Yoga)	-	-	-	-	-
<b>Total</b>	<b>2,31,071</b>	<b>55,789</b>	<b>4,162</b>	<b>493</b>	<b>-</b>

2. Bar Graphs

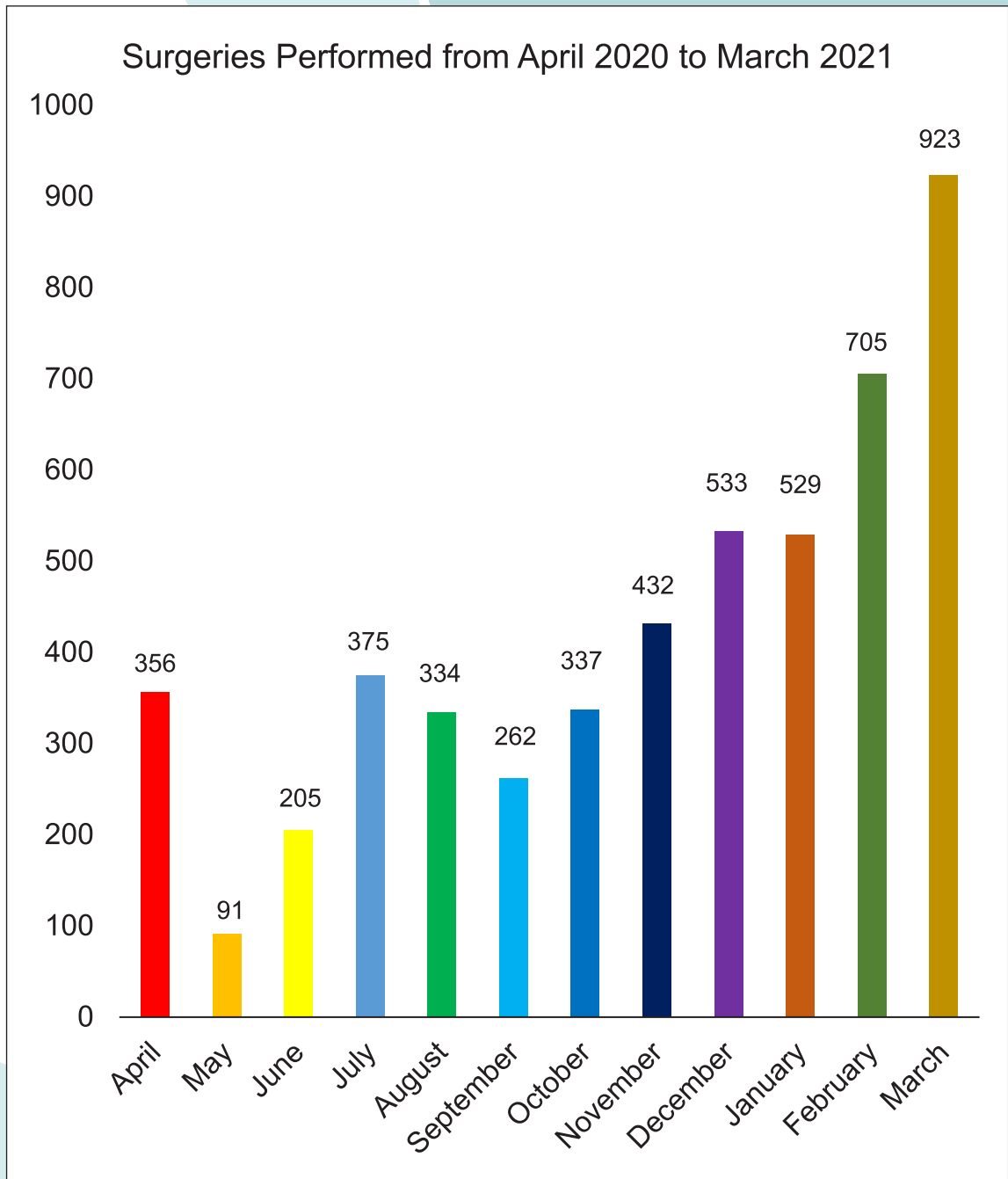
a) Outpatient Attendance



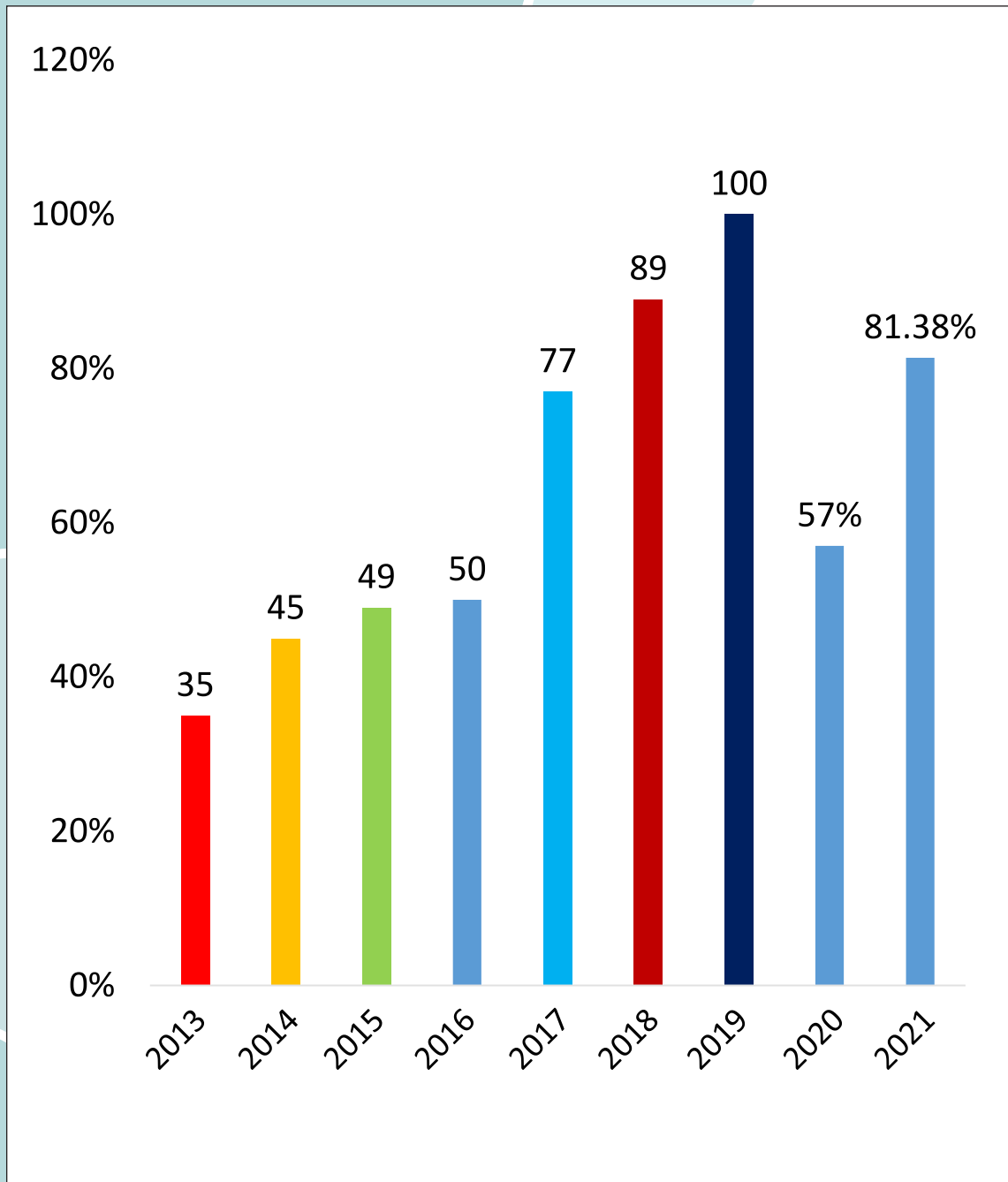
b) Inpatient Admission



c) Number of Surgeries performed

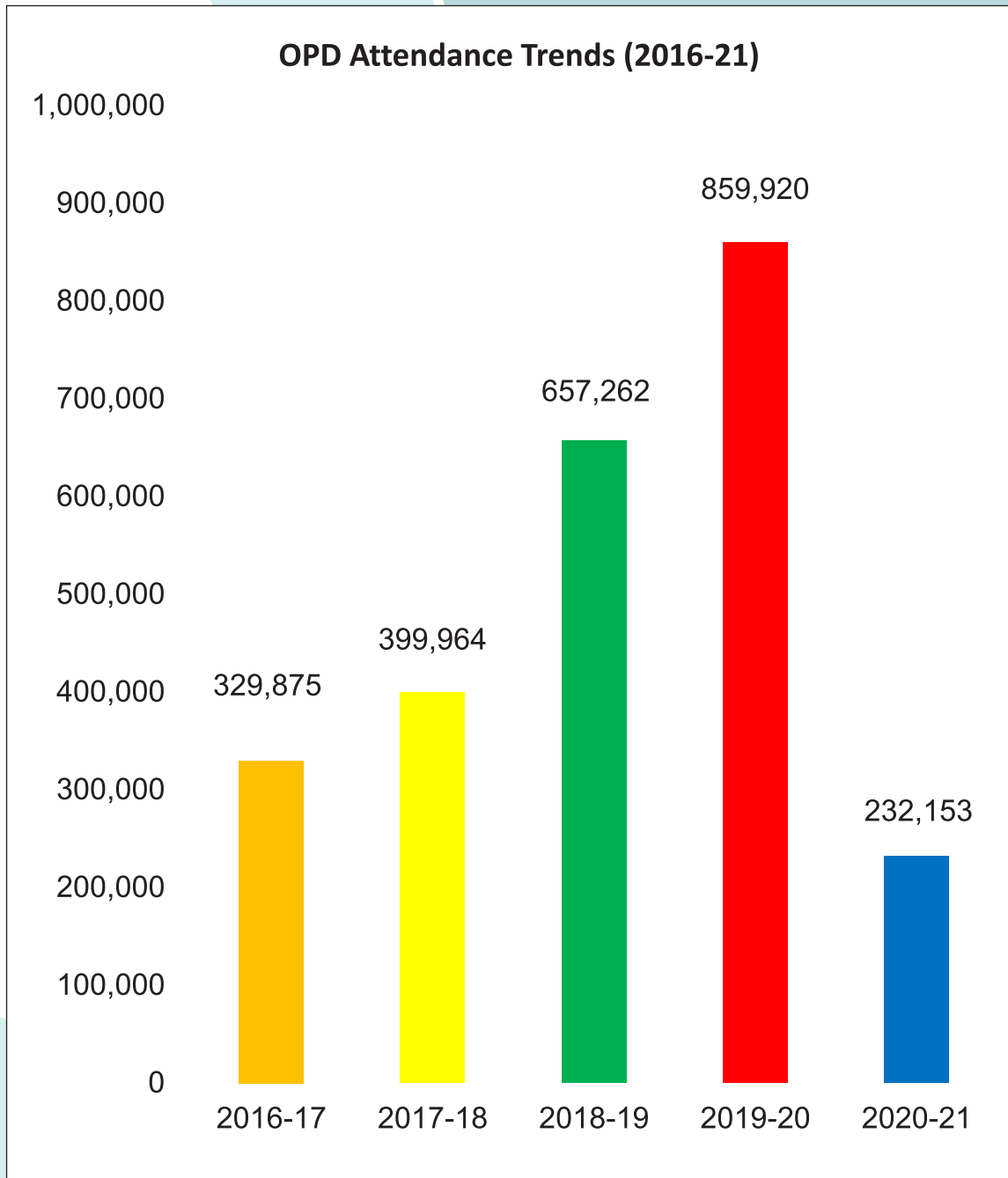


d) Total Bed Occupancy (%) Department wise  
Bed Occupancy-100 %

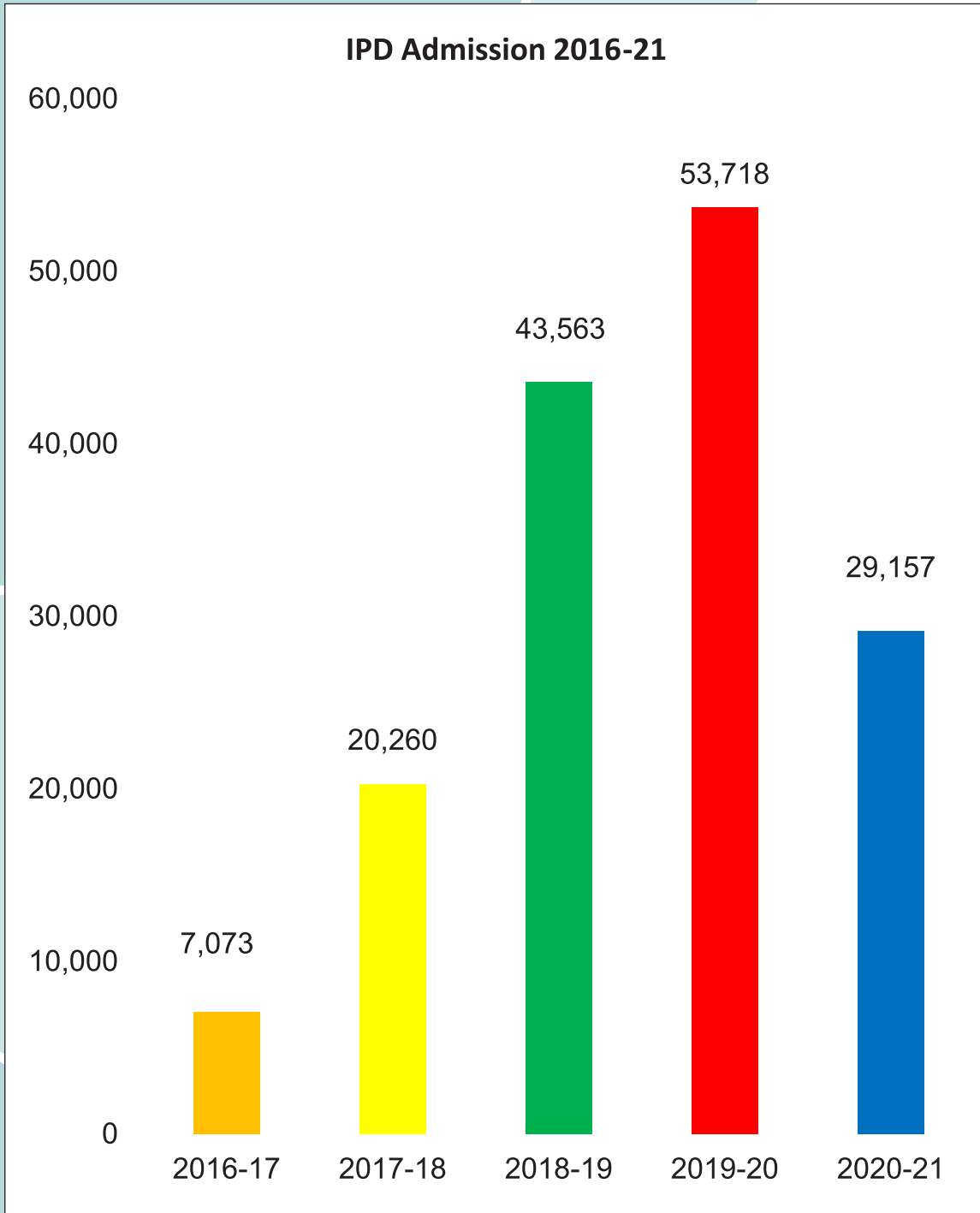


**3. Trends Over Years :**

a) OPD Attendance Trends (2016-21)

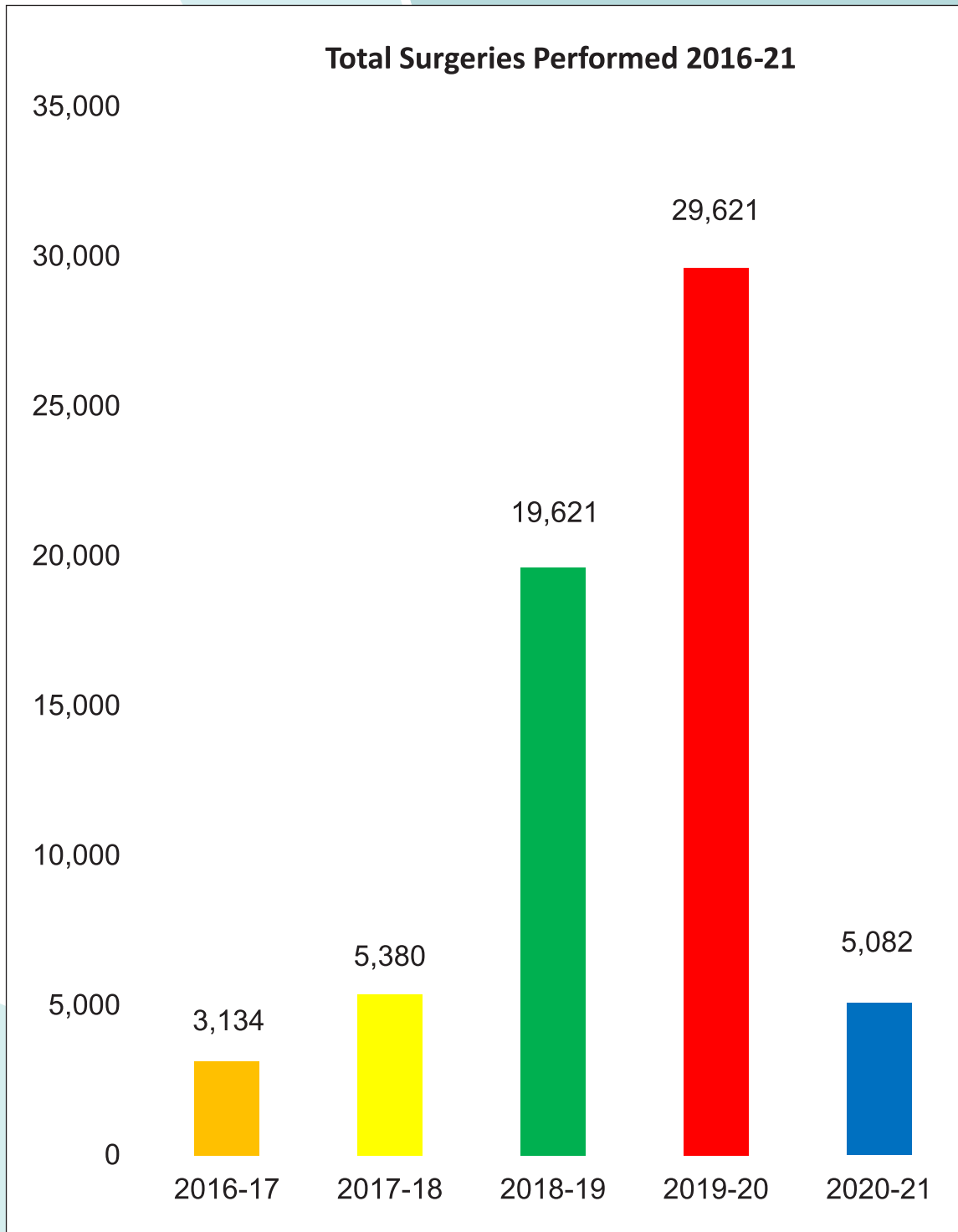


b) IPD Admission (2016-2020)

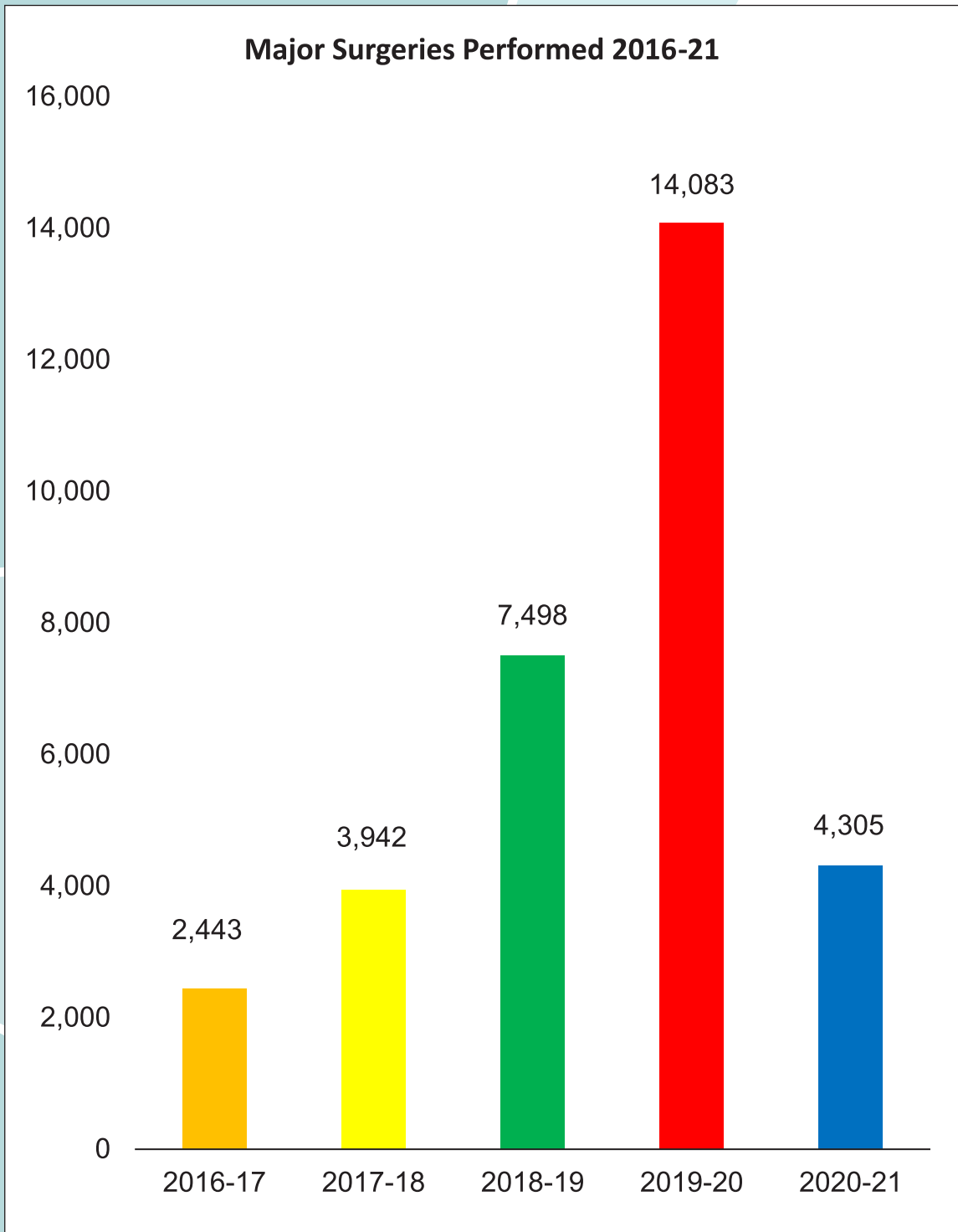




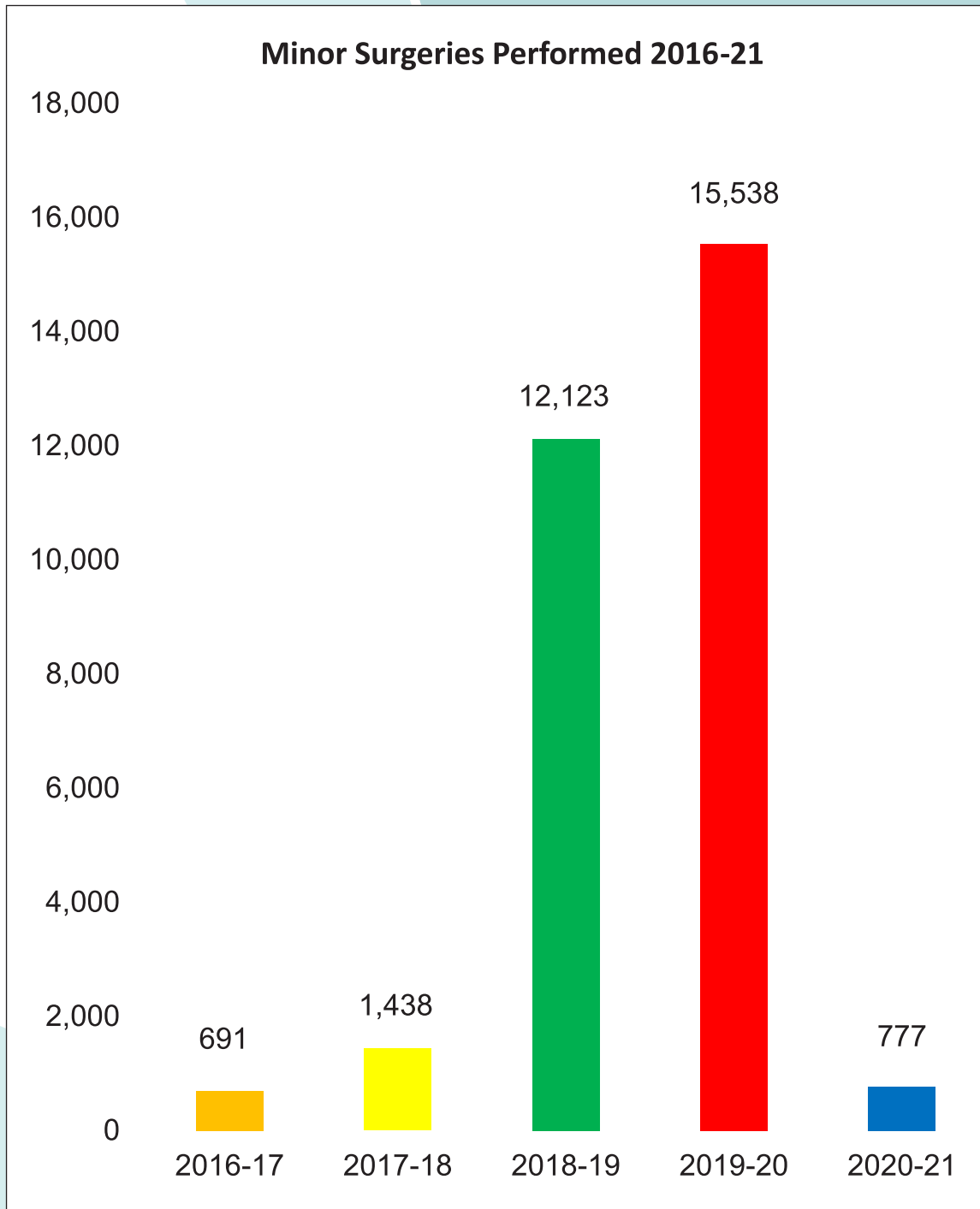
c) Surgeries Performed (2016-2021)



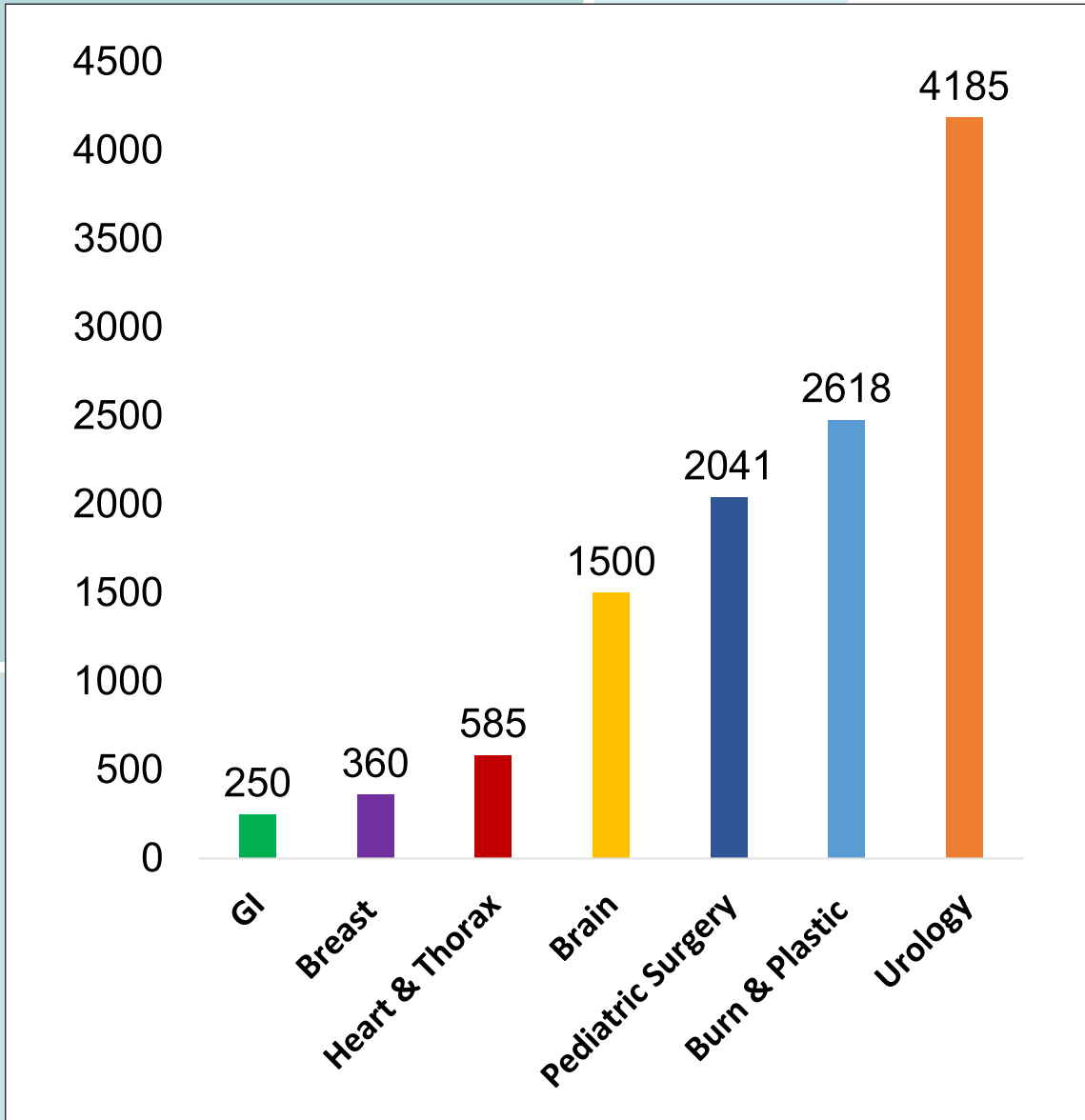
d) Major Surgeries Performed (2016-2021)



e) Minor Surgeries Performed (2016-2021)



f) Tertiary Care Surgeries (9581) from 2014 to May 2021



**l) Departmental activity:**

**1. Health awareness/educational activities organized by department**

- a) Awareness and educational activities were conducted with dieticians regarding nutrition, hygiene and food safety for staff and patients
- b) Training Trolley relay on Hand hygiene awareness was conducted for patients by Hospital Infection control team.
- c) Awareness on Hand Hygiene for Kitchen staff by dietitian was conducted.
- d) Talk on importance of Food and safety was conducted on world food day.
- e) Poster Competition was organized for Nursing and medical student on regular basis.

- f) Training on Hand hygiene for staff was conducted to make them learn the steps involved.

- g) Display of Swacchta Awareness videos as per kayakalp standards for patient awareness.

**2. CME / Workshop / conference / training organized by department**

- a) Organized program for Doctor’s Day Celebration on 1st July 2020.
- b) As preparedness of Institute, following mock drills were organized to manage emergencies-
  - a. Code Red Mock drill was held on 3 Sep 2020.

- b. Code Pink Mock drill was held on 17 Sep 2020.
- c. Code Blue Mock drill was held on 9 Dec 2020.

### 3. New initiatives by department

- a) Preparation of Hospital for NABH entry level accreditation
- b) State of art mechanized in-house laundry was established in July 2020 and was made functional.
- c) UV air disinfectant was installed as an additional indoor protective measure & effective and adaptable solution for disinfection of environment

### 4. Awards/honour received by department

Kayakalp commendation award 2019-2020

### 5. Other activity/achievement of department

- a) Improve patient waiting, Queue Management System was implemented
- b) Digital monitoring for compliances of various instructions and activities
- c) Hospital preparedness to combat COVID 19 and Preparation of Kayakalp assessment
- d) Implementation of Kayakalp standards in AIIMS Rishikesh
- e) Hospital Administration team was framed to plan, monitor progress and resolve issues on daily basis.
- f) Separate ICUs were developed to cater COVID patients.
- g) Facility to manage mucor patients has been identified and patients are managed
- h) Now focus is to develop Pediatric ICU
- i) Environmental control measures like negative pressure rooms were created. Screening OPDs, emergency block, separate lab, well equipped ICU isolation rooms and cubicle for COVID patients and suspect were created
- j) SOPs regarding screening, admission, case management, infection control aspects, quarantine, management of mortal remains etc. were made, implemented and monitored
- k) Logistic team is managing availability of logistics including PPEs, equipment, consumables etc.

- l) System was created for daily reporting and liaison with state authorities and other agencies for sharing various reports.
- m) Various SOPs developed were updated regularly followed by training, implementation and monitoring of activities
- n) Samvaad Desk was created to improve communication with patients
- o) Concept of Nurse supervisor on duty was initiated as a result one nurse is available 24x7 to address any issue arising specially related to patient care.
- p) Regular monitoring of services by senior officials

### 6. Future plan of department

- a) Develop Hospital Administration department with addition of courses- part time MHA
- b) Develop skill labs in department
- c) Achieve NABH Accreditation

### II) Faculty activities

#### Prof U B Mishra

Professor & Head

1. **Participated in CME/ conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panelist / Quiz Master) (1st April 2020 to 31st March 2021)**
  - a) Selected Member of Accreditation Committee, NABH
  - b) Participated in Accreditation Committee meetings for granting accreditation to various hospitals on Video Conferencing.
  - c) Resource person in institute Quality meeting.
  - d) Conducted monthly NABH workshops on Quality and documentation.

#### 2. Awards / honours received

Contributed for Kayakalp Commendation award 2019-2020 to AIIMS Rishikesh.

#### Dr Anubha Agarwal

Assistant professor

1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panelist / Quiz Master) (1st April 2020 to 31st March 2021)**
  - a) Resource faculty for one-day interactive

- workshop on Documentation requirement for patient safety and quality improvement held on 18.10.20 August 2020 by NABH, Quality Council of India
- b) Certificate of participation in short term course on Design of fire protection measures for vital installations and buildings organised by CBRI- CSIR held in Delhi.
  - c) Participated in 'Mind body medicine workshop' at AIIMS Rishikesh on 3-4 Feb 2020
  - d) Participated in 'Evidenced based Medicine in Current Clinical Practice' on 13 May 2020 organised by EBSCO information services
  - e) Participated in Quality and safety in health care virtual workshops by Quality Council of India on: leadership and culture for change during COVID-19 held on 6 August
  - f) Participated in virtual workshops by Quality Council of India on Doing more with less reducing waste and improving quality held on 14 August 2020
  - g) Certificate of participation in program on 'Psychological well-being among youth during Covid-19' organised by Uttarakhand Science Education and Research Centre, Department of information & Science Technology in collaboration with Social outreach cell of AIIMS Rishikesh on 26 August 2020
  - h) Participated in virtual workshops by Quality Council of India on Continual quality improvement tools and techniques held on 13 September 2021
  - i) Participated in virtual workshops by Quality Council of India on Improving safety post-pandemic held on 30 July 2020.
  - j) Workplace assessment for safety and hygiene standards organised by Zed Division Quality Council of India on 8 August 2020

- k) Quality Council of India on 8 August 2020
- l) Participated as delegate in introductory course on research methodology and bio stats held on 24 August 2020 to 25 September 2020 by Institute of Applied Statistics, ICMR

## 2. Awards / honours received

- a. Kayakalp Commendation award 2019 - 2020 to AIIMS Rishikesh
- b) Certificate of appreciation for contributing during Covid Pandemic by AIIMS Rishikesh, Ministry of Health & family Welfare

### Dr Pooja Bhadoria

Assistant Professor

#### 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person/ chairperson / co-chairperson/ delegates / panellist / Quiz Master)

- a) Participated in one-day interactive workshop on Documentation requirement for patient safety and quality improvement held on 23 August 2020 by Quality Council of India.
- b) Participated in Quality and safety in health care virtual workshops by Quality Council of India on:
  - leadership and culture for change during COVID-19 held on 6 August
  - Doing more with less reducing waste and improving quality held on 14 August 2020
  - Continual quality improvement tools and techniques held on 13 September 2021
  - Improving safety post-pandemic held on 30 July 2020
- c) Visited AIIMS Raipur for KayaKalp Peer-assessment.

#### 2. Awards & honours received

Contributed for Kayakalp commendation award to AIIMS Rishikesh- 2019-20

### Bed distribution data:

Sl.No.	Name of Department	Number of bed
1	Burn & Plastic Surgery	20
2	Cardiology	20
3	CTVS	20
4	Dermatology	6
5	Dentistry	6
6	Endocrinology	20

7	ENT	20
8	Emergency	40
9	Gastroenterology	20
10	General Medicine	54
11	Isolation Ward	18
12	Surgical Gastroenterology	20
13	General Surgery	72
14	Medicine Stroke/HDU	22
15	Neurosurgery	20
16	Neurology	20
17	Nephrology	20
18	NICU	46
19	Ophthalmology	20
20	Obstetrics	36
21	Gynecology	34
22	Orthopedics	40
23	Oncology & Hematology	26
24	Pediatric Surgery	20
25	Pediatric Medicine & PICU	45
26	PMR	6
27	Psychiatry	20
28	Pulmonary Medicine	30
29	Private Ward	45
30	Radiotherapy	20
31	Surgical Oncology	20
32	Breast Surgery	12
33	Trauma Surgery Ward	50
34	Urology	20
35	Day Care Complex	22
36	CCU	30
<b>Total Beds</b>		<b>960</b>

**Note :** Beds distribution was modified depending on requirement of separate areas for Covid and Mucor patients

#### 7 Rate list of diagnostics:2020-2021

Sl.No	Test name	Rate
1	Renal Biopsy with Immunofluorescence	1700
2	ttgA	250
3	Calprotectin (Faecal)	350
4	CA 242	300
5	IGG-4	300
6	NGAL	350
7	Faecal Pancreatic elastase	100
8	Glucose Hydrogen Breath tests	50
9	Lactose Hydrogen Breath tests	50
10	Fructose Hydrogen Breath tests	50
11	Lactulose Hydrogen Breath tests	50
12	Urea breath test for H. Pylori infection	1000
13	Serum Ascitic Albumin Gradient	50
14	TNF- $\alpha$ (Human)	100
15	IL-6 (Human)	100
16	IL-8 (Human)	100
17	IL-10 (Human)	100
18	Ionic calcium	50
19	Metabolic evaluation of 24 hour Urine Profile	225

# KAYAKALP (SWACHCHTA HI SEWA)





## 6 KAYAKALP (SWACHHTA HI SEWA)

'Kayakalp Award Scheme' was launched by Shri J P Nadda, Union Health and Family Welfare on May 15, 2015 as an extension of 'Swachh Bharat Mission'. Scheme aimed to improve and promote cleanliness, hygiene, waste management and infection control practices in public health care facilities and incentivize exemplary performing facilities.

At AIIMS Rishikesh, under dynamic leadership of Hon'ble Director & CEO, AIIMS Rishikesh was awarded twice by Kayakalp Commendation award. Regular activities are conducted to instill cleanliness and hygiene practices in the habit of staff.

### Department has following members & staffs –

Sl.No.	Name of Member/staff	Designation
1.	Prof Ravi Kant Director & CEO	Chairperson
2.	Prof U B Mishra, Dean Hospital Affairs	Member
3.	Prof Pratima Gupta	Member
4.	Prof Shalinee Rao	Member
5.	Dr. Manisha Naithani	Member
6.	Dr.MukeshSingla	Member
7.	Dr. K.S Ravi	Member
8.	Dr.Ranjeeta Kumari	Member
9.	Dr. Pradeep Agarwal	Member
10.	Dr.Ajit Singh Bhadoria	Member
11.	Dr. Santosh Kumar	Member
12.	Dr.Anubha Agarwal	Convenor
13.	Financial Advisor/Accounts Officer or Nominee	Member
14.	Superintendent Engineer/EE (Civil)/ EE (Elect.)	Member
15.	Public Relation Officer or his Nominee	Member
16.	Admin officer/ Nominee	Member
17.	Admin Officer (Nursing)/ Nominee	Member
18.	Sr Sanitation Officer/Nominee	Member
19.	Security Officer/ Nominee	Member

### 1. Kayakalp activities :

At AIIMS Rishikesh, under dynamic leadership of Hon'ble Director & CEO, following innovations were undertaken:

#### A. Green Initiatives taken are:

1. Environmental conservation practices like: Plantation drive, banning of single use plastic, use of Biodegradable bags were undertaken regularly.
2. Electricity conservation practice were promoted: Promotion of use of LED and sensor based lights.
3. Water conservation practice used were as follows: Use of sprinklers in gardening and recycling of water as water conservation practices.
4. Herbal garden – Plants with medicinal value such Tulsi, Aloe vera etc. are

cultivated in the Herbal garden to promote alternative medicine practices. Some of the plants were used for "kadha" preparation in COVID with few ongoing projects on it.

#### B. Other activities conducted:

1. Patients and staff awareness activities conducted to educate them on personnel hygiene, Covid precaution, solid waste management and Hand Hygiene were conducted by nursing staff
2. Health check-up & vaccination of sanitation & Kitchen staff is done regularly
3. Emphasis on mechanised cleaning with focus on cleanliness of wash rooms.
4. Awareness on Hand Hygiene: Dieticians conducted awareness session on hand

hygiene, personnel hygiene, grooming norms for kitchen staff and Dietetic interns

5. Maintenance of facility, furniture repair, water tank cleaning etc are done regularly by Engineering department
6. Suggestions and feedback are taken from patients and necessary actions are taken to improve patient care
7. Incentives were given to sanitation staff on 26 Jan 2021 to appreciate their hard work and motivation.

## 2. Departmental activity:

### A. Health awareness/educational activities organized by department

- a) Health Education programs as Nukkad Natak & Health Talk on Personal Hygiene, COVID-19 Precautions was conducted for patients and staff by Nursing Staff.
- b) Training Trolley relay was used for on- job training of staff on infection control practices - Hand hygiene, BMW management etc by Hospital Infection control team.
- c) Awareness program on Hand Hygiene was conducted for Kitchen staff by dietitians.
- d) Poster Competition was organised for Nursing and medical student.
- e) Swacchta Awareness videos were run for patient education in patient waiting areas
- f) Talk on importance of Food and safety was conducted on world food day for the patients by dieticians.

### B CME / Workshop / conference / training organized by department

- a) Organized and coordinated programs related to Kayakalp and Swachhta and submitted report to Ministry of Health & Family Welfare.
- b) Organized Quality Month Celebration, November 2020.

## 3. New initiatives of department

At AIIMS Rishikesh, under dynamic leadership of Hon'ble Director & CEO,

following innovations and new initiatives were undertaken:

- a) Installation of Hand Sanitizer dispensers as easiest way to sanitize along with dispensing a controlled amount of sanitizer.
- b) Day wise colour coded bedsheets – To enhance hygiene and to ensure daily change of bedsheets, day wise colour coded bedsheets has been implemented and followed.
- c) Dress code – All the employees of the hospital are required to follow dress code according to the category of employment for easy identification. This includes Faculty, Residents, Nursing Officers and Staff of all cadre.
- d) Display of IEC corners to disseminate necessary information about hygiene, cleanliness, infection control practices etc as ready reckoner for staff.
- e) Integrated breast clinic – This is a special clinic that integrates specialities such as Surgical, Pathology, Radiotherapy and Radio diagnosis involved in diagnosis and treatment of Breast cancer. Patients get diagnosis and treatment under one roof in minimal possible time without the need for juggling in different departments.
- f) Directional Signages have been displayed prominently in hospital to direct and easy access of services provided in hospital for patients, visitors and staff
- g) State of art Mechanised Laundry has been established within the campus to handle and supply clean linen for patients as well as staff specially in this time of COVID pandemic.
- h) CSSD with State of art equipment was set up in Institute including ultrasonic washer, double door autoclaves, ETO along with dedicated receiving, washing, autoclaving, packing and distributing areas.
- i) A dishwasher was installed in kitchen to enable proper washing of utensils and serve meals in hygienic way.
- j) UV air disinfectant was taken, as an additional indoor protective measure & effective and adaptable solution for

disinfection of environment

- k) Remote monitoring devices were installed in covid areas to monitor patients from outside as staff safety measure.

#### **4. Awards/honour received by department**

Kayakalp Commendation award was received by Institute for the Year 2019-20

#### **5. Other activity / achievement of department**

- a) Dr Amber Prasad and Dr Pooja Bhadoria, a team from AIIMS Rishikesh - visited AIIMS, Raipur for Kayakalp Peer –assessment.
- b) Peer assessment of AIIMS Rishikesh by a team from PGIMER, Chandigarh was organised on 20 November and 21 November 2020.
- c) Final assessment of AIIMS Rishikesh by a team from NIHFV was organised on 15 to 17 April 2020

#### **6. Future plan of department**

AIIMS Rishikesh aims to provide safe environment for patients and staff. Institute plans to adhere to all Kayakalp standards to improve cleanliness, patient safety and patient care.

AIIMS Rishikesh team is committed to comply with all observations.

To improve patient care services, it is also planned to work on patient satisfaction based on feedback by patients

# DEPARTMENT OF NURSING SERVICES



## 7 NURSING SERVICES

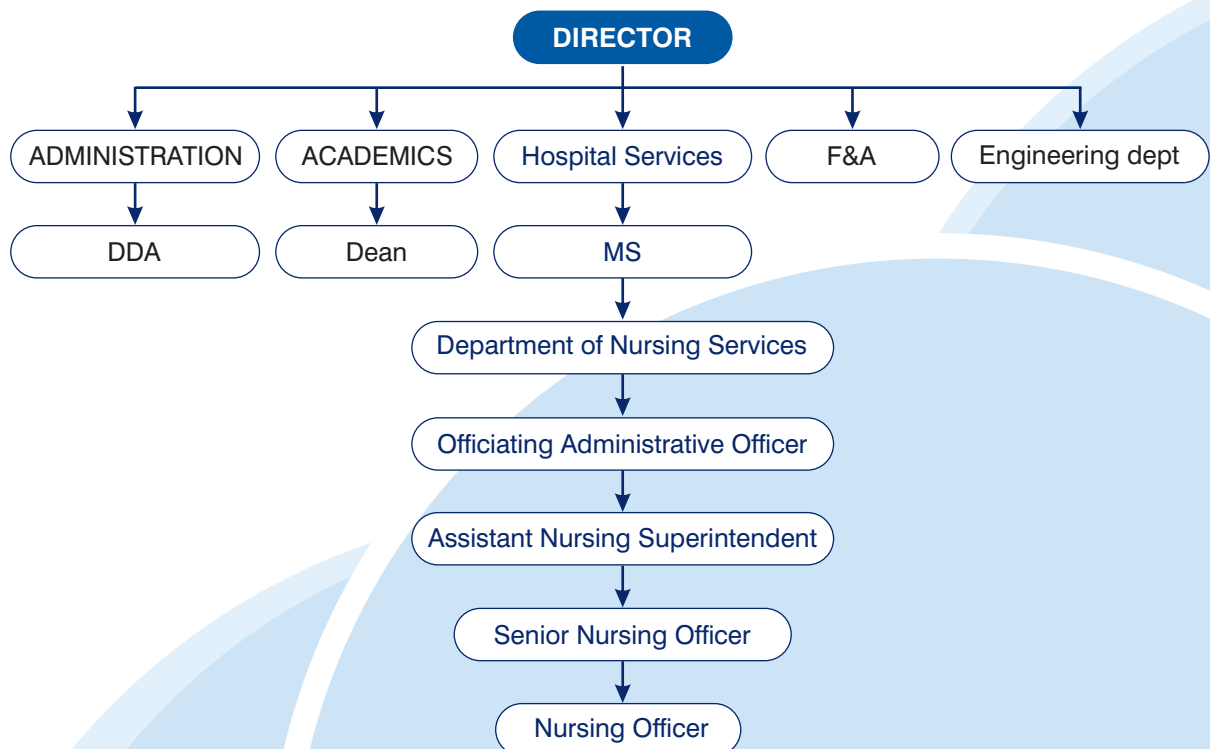
Nurse's roles expand, twist and contract in creative and ingenious ways to address changing circumstances and needs of the health systems in which they work. Ensuring that nurses have a voice in the development and implementation of health policy is fundamental to ensuring these policies are effective and meet the real needs of patients, families and communities around the world. Nurses are the largest health profession across the world. Nurses work in all areas where health care is provided.

Department of Nursing Services is working independently under the guidance of Dr. Pradeep Aggarwal, officiating administrative officer nursing, aiming world class Nursing Services to the people.

### Department has following Nursing staff :

Sl.No.	Name of post	Number of Nursing staff & other
1	ANS	09
2	SNO	223
3	Nursing Officer	1191
<b>Total</b>		<b>1423</b>

### Organogram Chart



### Departmental activity:

#### 1. Nurse Lead Initiatives in AIIMS-Rishikesh

Nursing is most important department of Comprehensive patient care from admission up to discharge billing. Enlisted here are few areas where Department of Nursing play vital roles.

#### 2. Interdisciplinary approach in Patient care

Nurses in AIIMS-Rishikesh work in hand in hand with other disciplines in comprehensive care. Across the lines of disciplines, above as well as below in hierarchy. We have an uprising number of operative procedures where Nursing personnel not only taking part as theatre nurse, but also

manages the equipment and assist in providing anaesthesia. We had a record number of Dialysis in AIIMS-Rishikesh, by the Department of Medicine where, Nurses actively work as Providers of Nursing Care and as Dialysis Technicians. Nurses in AIIMS-Rishikesh closes gaps of residents in many areas under guidance of Consultants.

### 3. **Multidisciplinary approach in Data management.**

Nurse first handedly deal patients data as well as hospital data. Nursing Officers act responsibly to prepare, maintain, and store data in hard copy as well as in the Hospital Information System, in coordination with MRD and Hospital information system. Evening and night supervisors compile patient census as well as details and submits hard and soft copy to the M.S office.

### 4. **Multidisciplinary approach in Quality control:**

Nurses work under the guidance of the Dean-Quality to assess, plan, and implement evidence based practices in AIIMS-Rishikesh. Senior nursing Officer, Mr. Srikanth Desai, Nursing Officers Mr. Akshay T Kamble, Ms Ramya T, Mr Sanjay Kumar quality nurses who collect data of quality indicators in collaboration with Quality department.

### 5. **Multidisciplinary approach in Store management.**

Central store is getting ready under great vision of Hon'ble Director. Nurses bridges the gap by directly taking part in procurement, quality check and maintenance. Senior Nursing Officers have taken the responsibility of ensuring continuous flow of resources in collaboration with various departmental HODs.

### 6. **Hospital Information System**

Nursing Department in association with IT department trains nursing officers to deal with E-Hospital. Nursing Officers are successfully managing admissions, discharges, entry of investigations, and billing. Mr. Nikhil B (ANS), SNO Mr Naga Srikanth Darla and Mr Sathish P are leading person to person training activities within Department of Nursing.

### 7. **Infection Control:**

AIIMS –Rishikesh have seven Infection Control Nurses who work under the Guidance of Dr. Amber Prasad(Hospital Infection Control Officer).

### **Major Activities undertaken by Hospital Infection control Nursing Officers**

#### **Hospital Infection control Team**

- a) Hand Hygiene Audit
- b) BMW segregation audits
- c) HAI Surveillance
  - BSI
  - UTI
  - VAP
- d) Outbreak Investigation
- e) Occupational Safety
  - Needle (Sharp) Stick Injury management following Blood and body fluid Exposure
  - Hepatitis B vaccination of Health care professionals
- f) Training of Health care professionals
  - Need based
  - Induction training with support of Medical Education Department.

### 8. **Diabetes Educator**

Nursing officers Ravin Bishnoi and Pankaj Punjot Function as diabetes educators under the guidance of department of endocrinology and participate actively in disseminating awareness regarding diabetes mellitus and its management

### 9. **RBSK Programme Coordination:**

RBSK was started in our Institute on 26/11/2018.

- a) RBSK programme aims at early detection & management of 30 Health Conditions under 4 Ds (Defects at birth, Diseases, Deficiency Conditions & Developmental Delays prevalent in children.
- b) This programme covers children up to 18 years of age.
- c) This programme entails child screening at two levels –community level & the facility level.
- d) The District Early Intervention (DEIC) is the hub of all RBSK activities, it acts as a clearing house & also provide referral linkage.

**Nursing Officer works as a coordinator**

- a) Mrs. Pooja and Ms. Lakshmi from Department of Nursing, works as RBSK coordinators.
- b) Coordination between district early intervention centre (DEIC) & AIIMS Rishikesh.
- c) Receiving patient's from DEIC.
- d) Ensuring for free registration.
- e) Assisting patient's for OPD & Lab investigations.
- f) Coordination between patients & respective department from admission till discharge.
- g) Pre- authorization from DEIC.
- h) Preparing all documents for reimbursement from state government as per MoU.

**10. Nursing Education & Training:**

All Nursing Personals are registered for 15 Mandatory courses conducted by ACCPD and attend this courses as per schedule. Capacity Enhancement Training Programme (122 Nursing Skills Modules) & Basic Critical Care Skill Training Programme (12 Skill Stations) is mandatory for all nursing personals.

Every week, each nursing officer undergoes education and training within their own unit.

All Trainings from Department of Nursing Services are organized & coordinated by Ms. Vandana (ANS) & Mr. Pankaj Punjot (Training Coordinator).

Senior Nursing Officer Mr. Hemanth Kumar & Mr Arun Varghese are working as Medical Education Cell Coordinator.

**11. Community Outreach Programmes:**

Nursing Officers from department of nursing take part in outreach programmes including health camps and voluntary Blood donation camps in rural areas in collaboration with department of community medicine and department of transfusion medicine.

**12. OPD & Day Care Management**

AIIMS-Rishikesh is witnessing record high in Day care procedures. More than seven thousand COVID 19 vaccination done within years by our nursing officers.

**13. Health awareness/educational activities organized by department****MAY: Nurses week celebration**

- a) Launch of international nurses day theme
- b) Photography competition
- c) Poster competition
- d) Slogan competition
- e) Blood donation camp
- f) Lamp Lighting

**14. CNE / Workshop / conference / training organized by department**

- a) Conducted Nursing Induction Training program for newly recruited nursing officers.
- b) Organized Basic Critical Care skill training programme (12 Skill Based Station) for nurses posted in covid unit from March 2020 to December 2020.
- c) Capacity Enhancement Training Programme for Nursing Cadre started in July 2020 (122 Nursing Skills Module) for 7 days along with credit hours from UK Nursing Council.
- d) One Day workshop was organized on "Pressure Injury: Evidence Based Nursing Approach" with an objective to prepare pressure injury coordinators for each units.
- e) Organized Certification Programme on Implementation of NABH Standards for Nursing Excellence for Nursing Personals.
- f) Actively coordinated & participated in all mandatory trainings conducted by ACCPD for Nursing Cadre.
- g) Coordinated and conducted weekly CNE (Continuing nursing education) in all units of hospital.
- h) Kidney Transplant Training for Post OP ICU Care for 5 Nursing Officers

**15. New initiatives of department**

- a) Specialized nursing cadres in hyperbaric oxygen therapy, Kidney transplant unit, PICC line, sleep lab, Stoma care and bone marrow transplantation.
- b) Certified Pressure Injury Coordinators for each unit with a vision of establishing new horizons in Wound Care Nursing.
- c) Initiated protocols & practices of Implementation of NABH Standards for Nursing Excellence.

- d) Nursing Research initiated to promote evidence based practices and published various research articles in National & International Journals.
- e) Actively participated in establishment and functioning of covid 19 units in AIIMS Rishikesh.
- f) Worked towards dissemination of knowledge regarding management of COVID 19 among health care workers.
- g) Implemented new hospital forms in collaboration with team quality.
- h) Hospital Informatics System in collaboration with IT department was implemented for smooth functioning of E-Hospital.

**16. Awards/honour received by department**

- a) Mr. Pankaj Punjot Nursing Officer Honored with International Young Scientist Award 2020 from VDGOD for his best contribution in research work.
- b) Mr. Mukesh Nagar & Ms. Vijayshree Singh Nursing Officers secured second position in BD Mastermind Quiz for Infusion Nursing.
- c) Experts from Nursing Cadre participated as resource persons in different training being conducted by department of Nursing Services & ACCPD.

- d) Mr. Pankaj Punjot participated as a resource person in various National & International Workshops & Conferences regarding Diabetes Nursing.

**17. Other activity/achievement of department**

- a) Job Description of all Nursing Cadre was developed, approved & implemented.
- b) Certificate of Appreciation for Best Quality Services on World Quality Day.

**18. Future Plan of department**

- a) To get the NABH Nursing Excellence Certification.
- b) Constitute a nursing research committee under nursing service department to promote nursing research among Nursing officers
- c) Establish a nursing quality and education cell under the nursing service department.
- d) Implementation of Human Resource Management Module on Digital Platform.
- e) To prepare a team of an Infusion Experts in the hospitals.
- f) To establish Nurse Led wound care clinic.



# 8 REPORT OF FACULTY DEPARTMENTS



REPORT OF FACULTY DEPARTMENTS





## DEPARTMENT OF ANAESTHESIOLOGY



## 8.1 ANAESTHESIOLOGY

### Vision

Evolution as well as provision of safe, efficient, ethical, and state-of-the-art perioperative care of patients with acute and chronic illnesses

Innovation and excellence in anaesthesia clinical practice, research and medical education of students, residents, fellows, paramedical staff as well as laypersons.

### Mission:

Delivery of preeminent perioperative care to patients of all ages undergoing various complicated surgeries, critical care and pain management by up-to-date clinical care based on the latest evidence (research) and knowledge (education)

### Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Dr. Sanjay Agarwal	Professor & Head
2	Dr. Yashwant Singh Payal	Additional Professor
3	Dr. Debendra Kumar Tripathi	Additional Professor
4	Dr. Ankit Agarwal	Additional Professor
5	Dr. Gaurav Jain	Associate Professor
6	Dr. Ajit Kumar	Associate Professor
7	Dr. Ajay Kumar	Associate Professor
8	Dr. Praveen Talawar	Associate Professor
9	Dr. Deepak Singla	Associate Professor
10	Dr. Priyanka Gupta	Associate Professor
11	Dr. Pawan Kumar Jain	Assistant Professor
12	Dr. Bhavna Gupta	Assistant Professor
13	Dr. Mridul Dhar	Assistant Professor

### 1) Departmental Activities:

#### 1. Academic activities

The Department is actively involved in teaching of Undergraduate Students, PG Junior Residents, DM Students (Neuro Anaesthesia, Critical Care Medicine, Cardiac Anaesthesia, Interventional Pain Medicine and Onco - Anaesthesia) and PDCC students (Neuroanaesthesia, Critical Care Medicine, Interventional Pain Medicine, Cardiac Anaesthesia, Onco-Anaesthesia, Paediatric Anaesthesia).

The classes for undergraduate student entails teaching of the basics of the anaesthesia as well as Basic resuscitation (BLS). The department also involved in introductory lectures in the foundation course for the incoming batch undergraduate students.

The Department is actively involved in training for B.Sc.(Anaesthesia Technology) and Diploma in Anaesthesia (DA)

#### 2. OPD Services:

The Department is running OPD based Pre Anaesthetic Clinic (PAC) and Pain Clinic (Monday to Saturday).

#### 3. IPD Services:

The Department of Anaesthesia is providing their regular services to Board specialities of General Surgery, ENT, Ophthalmology, Orthopaedics Obs. & Gynaecology and Super specialities of Cardithoracic surgery, Neurosurgery, Head & Neck oncology, Oncosurgery, Burn & Plastic surgery, Paediatric surgery, Urology and Advanced Robotic surgeries and Trauma.

Peripheral Anaesthesia services are provided in Radiotherapy, Radiology, Interventional cardiology, Interventional Neuroradiology, Interventional Pulmonary suite, Psychiatry (ECT) and Gastroenterology

A dedicated 22 bedded critical care Unit is also been run by the department

24 hours Emergency OT, Obstetrics OT and Trauma OT is being run by the department on all days.

#### 4. Health awareness / educational activities organized by department

- a) The Department organised Ultrasound Guided Regional Anaesthesia Course on 13th & 14th March 2021.
- b) Faculties from the department are actively involved in various workshops of CPD as Resource Faculty.
  - Resource Faculty in Research Methodology Workshop conducted at AIIMS, Rishikesh
  - Resource Faculty in Ventilator Workshop conducted at AIIMS, Rishikesh
  - Online Airway Training Program-Course Co-Ordinator and Resource Faculty
  - Resource faculty in Ultrasound Guided Regional Anaesthesia Course”
  - Faculty for Basic Airway management and video-laryngoscopy course
  - Faculty for Criticare Mock test.
  - Faculty for basic mechanical ventilation course
  - Advanced Cardiac Life science(AHA) Course Instructor
  - Basic Life support(AHA) course instructor
  - Advanced Trauma Life Support (ATLS) course Instructor

#### 5. CME/ workshop/ conference/ training organized by department

- a) Ultrasound Guided Regional Anaesthesia Course (UGRAC 2021), a two day workshop was conducted on 13th- 14th March 2021
- b) Thirty delegates attended the course. Esteemed faculties from AIIMS Delhi, Patna & Rishikesh imparted basics and advanced training on USG guided blocks.

#### 6. Other activities / achievement by Department

Department of Anaesthesiology is actively

participating in the ICU management of Covid 19 patients and is managing 8 ICU catering to Covid 19 pandemic at AIIMS Rishikesh.

## II) Faculty activities :

### Dr Sanjay Agrawal

Professor & Head

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Chairperson for session at ANCU (Neuro-critical care Conference, Gurgaon) 2020
- b) Judge, Poster session at National Airway Conference 2020, Aligarh
- c) Resource Faculty at Technology Enhanced Teaching at MBBS Orientation course, AIIMS Rishikesh
- d) Invited Faculty(Chairperson) For ISNACC 2021
- e) Invited Faculty for Session on Drugs (NM junction, drugs and Reversal agents) at APPEC 2021, RML Hospital Delhi, Feb 8,2021.
- f) Invited Faculty at ARCAN 2021 at AMU, Aligarh
- g) Delivered lecture on Anaesthesia consideration for Posterior Fossa tumors at 4th CZ PG assembly at RMLIMS, Lucknow March 5-7,2021
- h) Invited Faculty for Session on “General Anaesthesia and Covid Care” at RSACPCON 2021, March 6-7, 2021
- i) Resource faculty for training session on Videolaryngoscope and ECG training at AIIMS, Rishikesh
- j) Fluid Therapy-How, what to give and when to stop.10th UP-UK ISCCM & 2nd Pulmocrit, 2021, Barielly, March 18-21,2020
- k) Organising Chairperson at Ultrasound Guided Regional Anaesthesia Course (UGRAC 2021)at AIIMS Rishikesh, March 13-14,2021

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Resource faculty for ATCN course at AIIMS, Rishikesh June 11-13,2020
- b) Resource faculty for ATLS course at AIIMS, Rishikesh, August 6-8,2020
- c) Resource faculty for ATLS course at AIIMS, Rishikesh, Feb 7-9,2021
- d) Resource faculty at ATLS course, AIIMS, Rishikesh, Feb 25-27,2021
- e) Resource faculty in ACLS course, AIIMS, Rishikesh, March 24-25,2021

**Dr Yashwant Singh Payal**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Indian College of Anaesthesiologists on "Congenital Heart disease"17 Feb2021.
- b) TMC-DAC 2020 held on 9th & 10th January 2021
- c) Indian Association of Paediatric Anaesthesiologist "Anaesthesia for Neonatal Emergencies"January 2, 2021, by Department of Anaesthesiology, Lokmanya Tilak Municipal Medical College.

**Dr Ankit Agarwal**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

AIIMS e ICUs grand rounds for COVID-19 held on 23 Oct 20 (e platform)

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

(Un) Planning for a change initiative - induced by COVID-19, organized by Anestezie De Terapie Intensiva, held on December 29, 2020 (e platform)

**Dr Gaurav Jain**  
**Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest**

**Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Faculty for basic airway management and video-laryngoscopy course 2020
- b) Faculty for Criticare Mock test 20-21.
- c) Faculty for basic mechanical ventilation course 20-21.
- d) ACLS Course Instructor 20-21.
- e) BLS course instructor 20-21.
- f) Participated in Good Clinical Practice workshop December 2020.
- g) International Board Member. NIV evaluation standard-exam-program
- h) Chairperson for a session in 'Ultrasound Guided Regional Anaesthesia Course' 2021.

**Dr Ajit Kumar**  
**Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Delivered lecture as a faculty on "DM in AIIMS Rishikesh" Organised by the Indian Society of Study of Pain and Society for ultrasound in Anaesthesia. 4th june 2020
- b) Delivered lecture as a faculty on "USG Guided nerve block for pain management in lower abdominal parts." Organised by the Indian Society of Study of Pain and Society for ultrasound in Anaesthesia. 16th October 2020
- c) Delivered lecture as a faculty on "Neuromodulation" Organised by the Indian Society of Study of Pain and Society for ultrasound in Anaesthesia. 3rd December 2020
- d) Participated as Chairperson in APPEC -21 Organised by RML Delhi.
- e) Delivered lecture as a faculty on "Fluoroscopy guided Genicular nerve block of knee joint" APPEC - 21 Organised by RML Delhi.
- f) Participated Chairperson as a faculty on in Organised by the Indian Society of Pain clinician 8Th July 2020.

- g) Delivered lecture as a faculty on “ New trend for chemotherapy in cancer bone pain ” Organised by the Indian Society of Pain clinician 15 Th December 2020.
- h) Attended workshop on TMC National conference on (ARC 2021) at Tata Memorial Hospital on .March 21

**Dr. Praveen Talawar**  
Associate Professor

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Lecture: Regional Anaesthesia options for abdominal procedures Ultrasound Guided Regional Anaesthesia Course, AIIMS Rishikesh - 13th-14th March 2021
- b) Workshop Faculty: Stations: Ultrasound Guided Regional Anaesthesia- Upper limb, lower limb, thorax, abdomen, spine (5 sessions) Ultrasound Guided Regional Anaesthesia Course, AIIMS Rishikesh - 13th-14th March 2021
- c) Lecture: Ventilator (NIV) Ventilator Course for Health Care Workers, CPD, AIIMS, Rishikesh 14th Sept 2020

**Dr Deepak Singla**  
Associate Professor

**1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Chairperson in session II (Upper limb blocks) in ‘Ultrasound Guided Regional Anaesthesia Course’ to be held on 13th & 14th March 2021

**Dr Priyanka Gupta**  
Associate professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) ISNAAC 2021, workshop on USG guided blocks.

- b) Training of faculty and students of various departments on Mechanical ventilation for COVID patient, ABG & electrolytes

**Dr Bhavna Gupta**  
Assistant Professor

**a) Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- Participated in 1st Annual National Conference of YUVA ISA (1st YUVA ISACON 2020, 5-6 September) and delivered lecture on advancement in anaesthesiology and its impact on improved patient outcome.
- Delivered a talk on Ethics in Peer Review at International Peer Review Workshop conducted by Innovative publishers

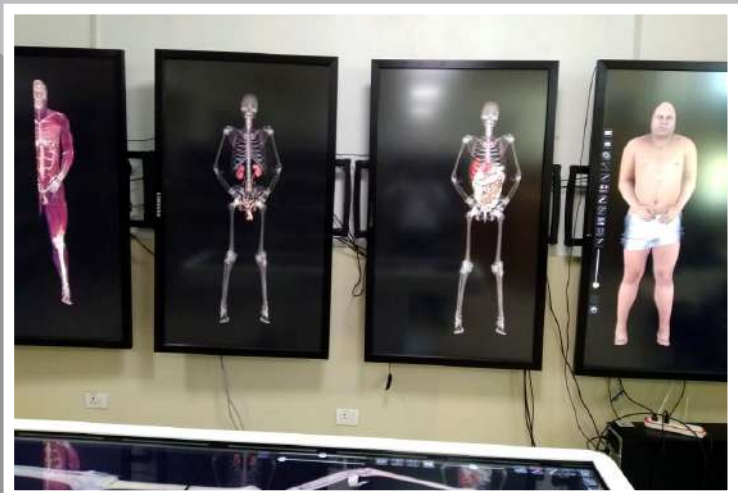
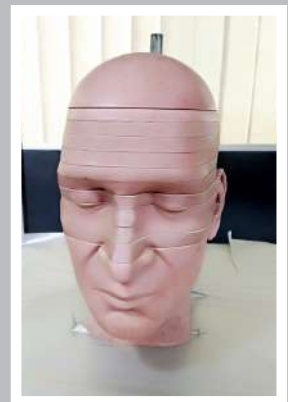
**a) Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- Oral presentation in international KSCCM•ACCC 2021 on the topic, Arterial Blood Gas as a Predictor of Mortality in COVID Pneumonia Patients Initiated on Non-Invasive Mechanical Ventilation - A Retrospective Analysis [april 30 th to may 1]

**b) Awards & honours received**

- 1. Received "International NIV fellow" from the director of NIV fellowship in world, Dr Antonio M Esquinas.
- 2. Awarded IESRF Consistent Contributor - Keynote speaker" in annual research meeting of IESRF
- 3. Special appreciation certificate for receiving First prize in national level essay contest by ISA, on the topic leadership roles in inventing strategies to thwart the challenges of pandemic

# DEPARTMENT OF ANATOMY



## 8.2 ANATOMY

Anatomy forms the foundation of Medical Education. Various subdivisions of Anatomy are pillars on which the clinical practice of Medicine rests. With advancement in digital and other audio-visual technologies, Anatomy teaching has been revolutionized.

Anatomy department of AIIMS, Rishikesh provides opportunity to teach, learn and do research through the best of medical equipment and conventional modalities together.

### 1. Vision Statement : AIIMS

- A: Achieve Excellence in Teaching, Learning and Research in Medical sciences.
- I: Instill values of respect for cadaver, themselves and all others, in our medical and allied health students.
- I: Integrate clinical skills and research with fundamental anatomy for medical, nursing and paramedical students like MBBS, M.D, BSc nursing, BSc paramedical, MSc, and PhD.

M: Motivation, dedication and more of integrated learning with all clinical and para-clinical departments.

S: Safe and conducive environment for all students / Residents / Staff & faculty.

### 2. Mission statement:

To lay foundation for skill based clinical anatomy learning, digitalized, modern, and well equipped facilities. Using these well-developed state of art facilities like Virtual dissection & surgical planning, 3D Printing and Clinical anatomy skill laboratories for teaching, learning, research, and assessment purposes, we deliver and contribute to a high standard quality of medical education and research. We follow conventional as well as modern teaching methods of clinical anatomy by maximum integration with clinical departments, to benefit our medical students to maximum.

### Department has following faculty members –

S.N	Name of Faculty	Designation
1	Prof Brijendra Singh	Prof & Head
2	Dr Mukesh Singla	Additional Professor
3	Dr K.S.Ravi	Additional Professor
4	Dr Rashmi Malhotra	Additional Professor
5	Dr M.P.Barua	Additional Professor
6	Dr Gitanjali Khorwal	Assistant Professor
7	Dr Pooja Bhadoria	Assistant Professor

### I) Departmental activities:

#### 1. Academic

Total Teaching hours-700+ Hrs (MBBS)

- Integrated Lecture-10 (In Department)
- Integrated Lecture-06 with clinical Department
- Integrated Lectures, demonstrations, histology, dissection, seminars/Quiz, small group clinical teachings
- Student training module for Hand - Hygiene
- Student training module for Bio-medical waste management

- Imaging Module
- Integrated teaching, MCQ, OSPE, Clinical signs, Guest lectures – clinical anatomy lab
- Students clinical training on Manikin
- Student activity on Virtual dissection and surgical planning lab
- Study on Artificial cadaver in clinical anatomy skill lab
- Study on CT/MRI & X-ray – E museum & Radiology museum
- Study on Human skeleton
- Embryology models and E-museum
- 3D Printing



**Undergraduate (Nursing)**

Total Teaching Hrs	- 70
Theory	- 60 Hrs Approx.
Practical	- 10 Hrs Approx.

**Undergraduate (Paramedical Courses)**

Total Teaching Hrs	- 70
Theory	- 60 Hrs Approx.
Practical	- 10 Hrs Approx.

**Postgraduate (MSc Anatomy)**

- Integrated Lectures - 6 Hour/Week
- PG Seminar - 6 Hour/Week
- Presentation Journal Club - 6 Hour/Week
- PG Discussion - 6 Hour/Week
- Dissection - 6 Hour/Week
- Histology - 6 Hour/Week
- LAB Techniques/Technology - 2hours/week

**2. New initiative of department**

- Interactive sessions - for UG & P.G / Nursing / Paramedical.
- Small group teaching / Clinical discussions / Problem based learning.
- In House Facility of Well-equipped Dissection Lab with seating Capacity of 150 students, 15+ Dissection table & Digital Facility for Students Like: Projector with screen, Virtual Dissection & Surgical planning table for learning pre- dissection methodology on original cadavers.
- Teaching in anatomy is now clinical vignette based/with latest modalities.
- Exam pattern is -100% MCQ based for theory & OSPE based for Practical.
- 06 Voluntary bodies received & embalmed. (6 body embalmed by soft technique)
- 26 Fetus received & embalmed.
- Application received for Voluntary body donation-05.
- Embalming facility for transportation for other parts of country - 02.
- 20 wet prepared for anatomical museum.
- Dissection lab made formalin free to 90%.
- Histological slides – in house prepared and created -2555 Slides with

special stains & re-stain slides-2098.  
Total Slides -17914.

- Virtual dissection facility / training has been used for Undergraduate, Postgraduate students & super speciality like-Neurosurgery, Paediatrics surgery / Urology / surgical Oncology / G.I surgery / Orthopaedics / plastic surgery/Trauma & Emergency medicine.
- In house practical /lab manuals for histology & dissection lab.
- Clinical 3D printing facility is provided for clinical departments - Orthopaedics, Surgical oncology & Plastic Surgery etc.
- Bone bank facility 45 Skeleton sets (Articulated 05 Disarticulated-40)
- MD Anatomy-Batch 2018 complete

**3. Other activities / achievement by Department**

- Student training module for Hand Hygiene.
- Student training module for Bio-medical waste management.
- Virtual Dissection module.
- Small group Clinical skill training to undergraduates.
- CT/MRI training to Undergraduate students.

**4. Future plan**

Cadaveric skill laboratory: It is an essential part of surgical training and reputed to be best available substitute for live surgery nowadays. It allows trainee to have direct and real feedback while developing anatomical awareness of different structures and their manipulation. In our department we will soon have this facility available to allow and facilitate experience on surgical procedures like: Laparoscopy, Head and neck surgeries, Arthroscopy, Arthroplasty etc.

**Proposed Course in Anatomy Department - 2 Seats per year/Course**

- BSc MLT-Anatomical Sciences-3 Year

- b) Certificate Course - Embalming techniques-6 Month
- c) Certificate Course - Histological techniques-6 Month

## II) Faculty activities:

### Prof Brijendra Singh Professor & Head

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Workshop on "PPE, Personal Hygiene, Cleaning & Disinfection & Do's and Don'ts, Sample Collection, Donning Doffing & CPR Recommendation"-AIIMS, Rishikesh on 7 April-2020.
- b) Face shield and hand sanitizers provided by Chaurasia(KP) foundation & Mahindra Company Pvt Ltd during CORONA Pandemic on 17 June-2020 as Dean Social Outreach.
- c) Participated as Panellist-Special Webinar organised by IMA Roorkee & Ramkrishna Missions Sevashrama Haridwar on 28 June-2020 as Dean Social Outreach.
- d) Participated as Guest Speaker-Webinar discussion on Safety protocol of CORONA Pandemic organized by Rotary Club & Inner Wheel Club along with AIIMS Rishikesh as Dean Social Outreach.
- e) Webinar(CME) as Eminent Guest Speaker panel- Jagriti on COVID-19 Prevention, Treatment & Much more. Organized by Rotary Club & Inner wheel Club of AIIMS Rishikesh along with AIIMS Rishikesh on 9th July-2020 as Dean Social Outreach.
- f) Participated as organiser into Ministry Health Family welfare-Vigilance Awareness Week-2020 from 27 Oct 2020 to 2 Nov-2020 at AIIMS, Rishikesh.
- g) Chaired a scientific session during International Virtual Anatomy Conference, organized by the Anatomical society, King George's Medical University UP, Lucknow, from 20-22 February 2021
- h) As co-author presented paper on "A Morphometric study of Human Foetal

Pancreas and Correlation with its Embryogenesis" International Virtual Anatomy Conference, organized by the Anatomical Society, King George's Medical University UP, Lucknow, from 20-22 February 2021.

- i) Webinar(CME) on "Contemporary and Evolving Perspectives in Anatomy Learning "organised by International Learning "organized by International Virtual Anatomy Conference, organized by the Anatomical Society, King George's Medical University UP, Lucknow, from 20-21 February 2021.
- j) As co-author presented scientific paper on " Students Perception of Online Classes compared to Traditional Classroom Teaching during COVID-19 Pandemic-An study" An Institutional Study" Organized by Department of Anatomy KGMU, Lucknow from 19th to 20th February 2021

#### 2. Awards & honours received

Best Teacher Award- AIIMS Rishikesh 5th September-2020.

#### 3. Health awareness/ Social activities

- a) Radio Talk - Pandemic Covid-19 Hospital services on 19/04/2020 at Prasar Bharti All India Radio Dehradun.
- b) Radio Talk - Awareness in Unlock 1 Pandemic Covid-19 on 1/06/2020 at Prasar Bharti All India Radio Dehradun.
- c) Participated in Nar Sewa Narayan Sewa organized by Ram Krishna Mission Sewasharam Kankhal Haridwar on 17 May-2020.
- d) Participated & Awarded- function of CORONA Warriors organised by All Bhajanpura Resident Welfare Association Delhi on 23 May-2020.
- e) Participated in Award function for CORONA Warriors organised by Bhartiya Chikitsa Parishad , Uttarakhand.
- f) Participated in Webinar Aatma Nirbhar Bharat Organized by Divya Prem Sewashrama Mission on 30 June-2020.
- g) Participated in Guru Purnima Parva organized by National Medicos

Organisation AIIMS, Rishikesh on 5th July-2020.

- h) Certificate of Appreciation as Dean Social Outreach Prof Brijendra Singh - In appreciation of Commitment of fight against Corona (COVID 19) and work as a warrior organised by Bhartiya Chikitsa Parishad , Uttarakhand on 15 July-2020.
- i) Participated in Special Social Services in COVID-19 in Pharmacy department organised AIIMS, Rishikesh on 25 Sep-2020.
- j) Appreciation certificate- COVID 19 Anurup Vyavahar hetu Jan Aandolan by India Govt. on 14 Oct-2020.
- k) Appreciation certificate- Mask Pahne by India Govt. on 14 Oct-2020
- l) Social Talks as Guest Honour on "Health & Wellness" at Hotel Madhuban Dehradun Uttarakhand  
a. on 20 March-2021.

**Dr Mukesh Singla**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Chaired a scientific session during International Virtual Anatomy Conference, organized by the Anatomical society, King George's Medical University UP, Lucknow, from 20-22 February 2021
- b) Master class on A Journey through images, for a quick revision in embryology, General Embryology on 5th June 2020 organized by Elsevier

**Dr. Kumar Satish Ravi**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Delivered a Guest Lecture on the topic "Know your Liver and Its Applied Aspects" on 14th July 2020 in the National Webinar organized by Dept. of Anatomy, Chettinad Academy of Research and Education

(Deemed to be University), Chennai, Tamilnadu.

- b) Delivered a Guest Lecture on the topic Dead Body Management: Impact on Medical Education 31st of August, 2020 in the National Webinar organized by organized by Dept. of Anatomy, M. M. Institute of Medical Sciences, Mullana, Ambala, Haryana.
- c) Delivered a Guest Lecture on the topic - Preparing & Publishing a Scientific Manuscript: an editor's Perspective in the National Webinar organized by National Journal of Clinical Anatomy under the aegis of Society of Clinical Anatomists.
- d) Organized as Chairperson and Resource Faculty, National Webinar on Reviewing a Scientific manuscript & World Anatomy Day, 15 October 2020 by National Journal of Clinical Anatomy under the aegis of Society of Clinical Anatomists.
- e) Delivered a guest lecture on 16th December 2020 on Infratemporal Fossa and its significance for surgical oncologist organized by Department of Surgical Oncology.
- f) Organized as Chairperson and Resource Faculty, Preparing & Publishing a Scientific Manuscript: an editor's Perspective in the National Webinar organized by National Journal of Clinical Anatomy under the aegis of Society of Clinical Anatomists.
- g) Brainstem – An integrated approach to clinical syndromes, organised by Vinayaka missions research foundation, AVMC on 9th July 2020
- h) Implementing competency based medical education during COVID pandemic on 10-07-2020 by SRM medical college hospital and research centre
- i) National Webinar on Online teaching in medical education – An opportunity or distraction-13-07-2020 by JIPMER , Pondicherry
- j) Faculty Development Programme "Leveraging Technology for Anatomy Education" on 16-07-2020 by department of Anatomy, Yenopoya Medical college, Manglore

- k) Body donation, embalming & cadaveric dissection: Perspectives in COVID era conducted by MMIMSR, MMDU, Mullana on 31/8/2020
- l) Adobe illustrator – A drawing software for Medical teachers to create learning resources organised by JIPMER, Pondicherry on 1st October 2020
- m) Webinar - World Anatomy day celebration & release of issue 3, vol 9 of NJCA – Organising Chairperson- October 2nd 2020
- n) Webinar(CME)- - Challenges in implementation of CBME curriculum in Anatomy –October 3rd 2020 by JSS Medical college, JSSAHER, Mysore
- o) Webinar(CME)- 1-day online flow cytometry course- October 21st 2020 – organised of Lab India
- p) Webinar(CME)- Radiological imaging of the thorax-31 October 2020 MEU India
- q) Webinar(CME) Problem based learning by MEU India on 3-11-2020
- r) Webinar(CME) Scopus- Elsevier – 3-11-2020
- s) Moodle (Use of ICT in higher education) by Indian Academicians and Researcher's Association (IARA) – 8/11/2020
- t) Webinar- Educational policy 2020 by Dr.Vedprakash Mishra conducted by University centre for health professions educators, Sri Devaraj Urs Academy of higher education and research on 11/11/2020
- u) Webinar(CME) on Predatory journals – 13/11/2020
- v) Webinar(CME) Methods of formative assessments by MEU India on 10-11-2020
- w) Webinar(CME) Teaching and assessing Residents competencies – by AVMC on 20th November 2020
- x) Webinar(CME) –Logbook and Portfolio CBME Anatomy – 21-11-2020
- y) Webinar (CME) Development & congenital anomalies of urinary tract- by PK Das Institute of Medical sciences, Vaniamkulam -1st December 2020
- z) Panel discussion – Authorship issues-by MEU, AIIMS, Bhubhaneshwar on 10th December 2020.

### Other participation

- a) Panel discussion – Impact of COVID – 19 on teaching dissection: Challenges & solutions – by Thieme Publishers on 19th December 2020
- b) Anatomy: Reflection and blue printing by MGM Medical college on 9th jan 2021
- c) Competency based education in the past 2 decades on 15th January
- d) Surgical Anatomy of Liver by Thieme publishers on 23rd jan 2021
- e) Global trends in competency based medical education by SMCW & SUHRC on 28th jan
- f) CME on Congenital dysplasia of Hip joint by JNMC, Belgaum on 29th jan
- g) Webinar- Contemporary updates on research and publication conducted by JSS dental college on 19th Feb
- h) IVACON 2021 organised by Anatomical society, King George's Medical university UP, Lucknow 20—22 Feb
- i) Global rare disease conference organised by People to people health foundation and co-hosted by Niti Ayog on 28-2-2021
- j) Webinar (CME) Reflective writing by MEUINDIA on 25th March 2021
- k) Webinar (CME) Problem based learning by MEUINDIA on 1st April
- l) Webinar (CME) End note 20- A guided tour by Clarative on 5th April
- m) Webinar – End note 20- A guided tour by Clarative on 7th April
- n) Virtual international conference for health professionals by Era university, Lucknow
- o) Webinar – Cite while you write- Making manuscript writing easier by Clarative on 9th April
- p) Webinar -Forensic anthropology by centre for clinical anthropometry, KMC, Manipal, MAHE on 23rd April 2021
- q) Webinar- “MAHE- Dr.Krishna Rao Memorial- Oration award 2021 “ oration by Dr.Tejjinder Singh on Assessment conducted by Kasturba Medical college, MAHE, Manipal

**Workshop / Training**

- a) Online course – Competency based medical education (Anatomy) conducted by MEU India between Aug 2020-Nov 2020 (100 hours- webinars, online discussion & videos)
- b) Online course – Question paper designing course conducted by MEU India between December 2020- January 2021
- c) Online course – Effective PPT designing and presentation conducted by MEU India between 10th Feb – 20th Feb 2021

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated and presented a scientific paper (Oral Presentation) on “Radiation Induced Nuclear Changes in oral and oropharyngeal carcinoma” in the 37th Annual Conference of American Association of Clinical Anatomists held from 15th June -19th June 2020.
- b) Participated and presented a scientific paper (Oral Presentation) - “Micronuclei as a prognostic marker in the treatment of oral and oropharyngeal carcinoma” on 29 Jan 2021 in the International Conference, CARDIOBICON 21, Organised by Cardio-diabetic Society of India.
- c) Invited and participated as panelist in the first event for 2021 titled "After the Chaos" on February 10th, 2021. Organized by British Association of Clinical Anatomist.
- d) Participated and presented a scientific paper (Oral Presentation),” Taxation of micronuclei frequency as a prognostic marker in oral and oropharyngeal carcinoma: A cytogenetic study “from 20-22 February 2021, International Conference IVACON 21, Organized by Department of Anatomy, KGMU Lucknow
- e) Chaired a scientific session as Chairperson on 20th Feb 2021 During International Conference IVACON 21, Organized by Department of Anatomy, KGMU Lucknow

- f) Participated in the workshop on Karyotyping on 22nd February 2021, during International Virtual Anatomy Conference, organized by the Anatomical Society, King George's Medical University UP, Lucknow.
- g) Participated in a CME on Contemporary and Evolving Perspectives in Anatomy Learning in the International Virtual Anatomy Conference, organized by the Anatomical Society, King George's Medical University UP, Lucknow, from 20-22 February 2021.

**3. Awards & honours received**

- a) Best Paper Presentation Award 21Feb 2021 issuer- International Conference IVACON 21, Organised by Department of Anatomy, KGMU Lucknow
- b) Best Paper Presentation Award (Faculty), 29 Jan 2021 honour issuer- International Conference, CARDIOBICON 21, Organised by Cardio diabetic Society
- c) Best Professor of the year 2021, on 10th March 2021 honour issuer Asian Education Awards
- d) Received IMSA Fellowship award on 21st April 2020.
- e) Honoured as Judge in the scientific Sessions in the 37th Annual Conference of American Association of Clinical Anatomists held from 15th June -19th June 2020.
- f) Elected as Member of Federative International Committee for Scientific Publications Officers on 29th June 2020 from India.

**Dr. Rashmi Malhotra  
Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Attended “All you need to know for publication success and navigating journal workflow online workshop” organized by Wolter Kluwer, AIIMS Rishikesh & Editage on 21st August 2020

- b) Attended Virtual Workshop on “Karyotyping” Organized by Department of Anatomy KGMU, Lucknow on 21st February 2021.
- c) Presented a scientific paper in IVACON (International Virtual Anatomy Conference) entitled “Students’ Perception of Online Anatomy Classes Compared to Traditional Classroom Teaching during COVID-19 Pandemic: An Institutional Study” Organized by Department of Anatomy KGMU, Lucknow from 19th to 20th February 2021.
- d) Chairperson & Judge for session on Anthropometry in IVACON (International Virtual Anatomy Conference) entitled “Students’ Perception of Online Anatomy Classes Compared to Traditional Classroom Teaching during COVID-19 Pandemic: An Institutional Study” Organized by Department of Anatomy KGMU, Lucknow from 19th to 20th February 2021.

**Other distinguished contribution**

- a) Medical Education: Contributed (Anchoring) to video displayed on AIIMS Rishikesh Website for awareness and prevention of Covid spread “COVID-19 ke dauran duty par tainat karmiyon ke liye suchnayein”
- b) Part of various training programs to fight against covid pandemic preparation conducted by Department of CPD.

**Dr Gitanjali Khorwal  
Assistant Professor**

- 1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Participated in The Middle (Methods) of Essentials of medical Writing Series by IAMJE
  - b) Participated in Carcinoma Prostate in 2020: Evolution over a Decade by AIIMS Rishikesh

2. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated in Basic Microbiology by WHO
- b) Participated in WHO COVID-19 Mass Gatherings Risk Assessment Training

**Dr Pooja Bhadoria  
Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Oral presentation on title - “An Overview of the Impact of Social Media on Modern Medical Education” Virtual Conference: “i-MECON: International Medical Education Conference” held between 25th - 27th March 2021.
- b) Participated in Pre-Conference Workshop - Self Directed Learning in i-MECON: International Medical Education Conference” held on 24th March 2021
- c) Oral presentation on title “Study of Lumbar Vertebra in Relation to Pedicle and Its Clinical Implications” International Virtual Anatomy Conference, IVACON from 20-22 February 2021.
- d) Attended CME on “Contemporary and evolving perspectives in Anatomy learning” on 20 and 21 February in International Virtual Anatomy Conference, IVACON 21.
- e) Took Lecture on structure and function of liver in capacity building workshop for physicians in Uttarakhand training held from 10th February to 12th February, 2021
- f) Oral presentation on title “Morphometric analysis of human fetal liver at different gestational ages”, International Virtual Anatomy Conference, IVACON from 20-22 February 2021.
- g) Visited AIIMS Raipur as Kaya Kalp External assessor on 1-12-2020.

- h) Participated in workshop on Competency-based medical education (Anatomy) held between August 20 to 22 November 2020, Organized by MEU, India.
- i) Participated in one-day interactive workshop on Documentation requirement for patient safety and quality improvement held on 23 August 2020 by Quality Council of India.
- j) Participated in online workshop on All you need to know for publication success and navigating journal for organised by Wolter Kluwer AIIMS Rishikesh and Editage on 21 August 2020.
- k) Participated in Quality and safety in health care virtual workshops by Quality Council of India on:
- leadership and culture for change during COVID-19 held on 6 August
  - Doing more with less reducing waste and improving quality held on 14 August 2020
  - Continual quality improvement tools and techniques held on 13 September 2021
  - Improving safety post-pandemic held on 30 July 2020
- l) Participated in How to get research grants from UGC AICTE held on 9 June 2020 hosted by MBITS Kothamangalam, Kerala
- m) Attended a webinar on Journey through images for a quick revision in embryology by Elsevier on 5 June 2020.
- n) Resource person in Research Methodology Course of AIIMS Rishikesh.
- o) Resource Person in Thesis Research Review Committee.
- p) Part of Quality Team of AIIMS Rishikesh and involved in various Trainings.
- q) Attended Head and neck series clinical anatomy webinar held on 19 June 2020 by MARC Institute, USA.
- r) Attended Webinar on Evidence based medicine in current clinical practice on 13 May 2020 organised by EBSCO information services



**All India Institute of Medical Sciences, Rishikesh**  
**Biochemistry Department**  
is organizing  
**Virtual Symposium**  
on  
**Holistic and Molecular Approaches of COVID-19**  
**12 December, 2020**  
**Saturday, 9.30 am -1.00 pm**

**Chief Patron:** Prof. Ashok Kumar (Director and CEO)

**Patron:** Prof. Manoj Kumar Gupta (Dean Academic)

**Speakers:**

- Prof. Dinesh Paul: Head of Biochemistry, UCMS, New Delhi
- Dr. G. G. AK. Karthi: Head of Biochemistry, Madurai The. Medical College, Madurai
- Dr. Rishi Bhargava: Professor, JIPMER, Pondicherry
- Prof. Sayantani Rana: Assistant Professor, AIIMS, New Delhi
- Dr. Anisa Aftab: Assistant Professor, AIIMS, New Delhi
- Dr. Muskan Thakur: Assistant Professor, AIIMS, New Delhi
- Dr. Sarvesh Kumar: Associate Professor, AIIMS, New Delhi
- Dr. Siba Ghosal: Assistant Professor, AIIMS, New Delhi
- Dr. Gourav Chandra: Pharmacology, AIIMS, New Delhi



**MOLECULAR RESEARCH LAB**



**CLINICAL BIOCHEMISTRY LABORATORY:  
OPD DIAGNOSTIC SERVICES**

**ENDOCRINE CLINICAL  
BIOCHEMISTRY  
LABORATORY**

# DEPARTMENT OF BIOCHEMISTRY





## 8.3 BIOCHEMISTRY

Vision and mission of Biochemistry department is to dynamically holistically grow in all spheres of academics, diagnostics and research.

Each member of Biochemistry department is unique like specific biomolecule who work with full strength, dynamism and interdependence to achieve vision and goal of department and serve stake holders of institute.

We provide highest standards of medical education and research activities to healthcare leaders admitted in various undergraduate and post graduate courses - MBBS, BSc Nursing, BSc Paramedical allied courses, MD, MSc, and PhD. Teaching is based on Competency Based Medical Education, student centric for making students understands the depth of subject knowledge and its applications in health profession. Various modalities of teachings are applied and upgraded with need of time and implemented as horizontal and vertical integrated interactive sessions, tutorials, self-directed learning, seminars, quiz, case discussions, flipped classes, peer-group teachings to promote inquisitiveness and dynamism among students. In current year due

to COVID-19 pandemic crisis most of our interactive teachings and evaluations of formative and summative examinations were smoothly and successfully conducted on online mode.

Diagnostic services for patient care are initiated and expanded as per feasibility, priority and clinician's demand at Clinical Biochemistry Laboratory 24x7x365. Diagnostic services provides routine and special investigations for patient care. Department has specialized laboratory panels for Neuro-biochemistry and Gastro-biochemistry. In September 2020 a specialized COVID lab to support COVID-19 diagnostics Cytokines and Immunoglobulins were initiated at Biochemistry department.

We are determined to innovate and explore translational research for significant outcomes for humanity. Departmental faculty and students are dedicated in working upon various ongoing research projects on Molecular biology, Gastrobiochemistry, Neurobiochemistry and COVID-19 in collaboration with various inter-intradepartmental and national institutes.

### Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Dr Vivekanandhan S	Professor
2	Dr Satyavati Rana	Professor
3	Dr Anissa Atif Mirza	Additional Professor
4	Dr Manisha Naithani	Additional Professor
5	Dr Sarama Saha	Associate Professor
6	Dr Bela Goyal	Assistant Professor
7	Dr Kiran Meena	Assistant Professor
8	Dr Naveen Kumar Singhal	DBT Ramalinga Fellow

### I) Departmental activities:

#### 1. Academic

##### Undergraduate (Medical/Nursing/other)

- Interactive Lectures to understand Human Biochemistry in Health and Disease based on CBME
- Integrated Teaching-CNS, Stomach, Reproductive System, Kidney, Pancreas

- Practical- Qualitative and Quantitative Experiments
- Demonstrations : Automation, ISE, Electrophoresis, ELISA, DNA Extraction, PCR
- Tutorials-Case Study Discussions
- Conducted Group Symposiums by the MBBS 1st Prof students

- g) Vertical and horizontal integrated teaching on important topics
- h) Case studies and Group Discussions
- i) Mentorship for student improvement
- j) Peer teachings for slow learners
- k) Blue Print of Biochemistry –Must Know, Should Know and May Know
- l) Self-Directed Learning- Seminars, group discussions, Kahoot Quiz Activities
- m) MCQ based examination pattern
- n) Monthly Formative Assessments for theory
- o) OSPE for Performance and Communication Skills
- p) Research Review Topics for MBBS, STS Research Projects

MBBS 2019 Batch appeared for Exams in February 2020 – Secured 100 percent passing results with 30 Distinctions in Biochemistry.

**Postgraduate (Medical/Nursing/other)**

- a) Seminars
- b) Journal Club Presentation
- c) Case Presentations
- d) Research Progress and thesis protocol meetings

**2. Diagnostic services**

- a) Neuro-biochemistry Diagnostic Lab
- b) Endocrinology biochemistry Lab
- c) New born Screening & Prenatal Screening Lab
- d) Gastro-biochemistry Diagnostic Lab
- e) COVID-19 Cytokines and Immunoglobulins Lab

**3. OPD Services**

Department of Biochemistry has functional Clinical Biochemistry Laboratory which is providing the diagnostic amenities for patients since inception of OPD services May 2013 with approximately 100 varied biochemical parameters investigated on various body fluids.

- a) The Clinical Biochemistry Laboratory is equipped with Fully Automated Analyzers for Routine and Special Biochemical

investigations, Chemiluminescence Immunoassay for Hormones and Vitamins, Electrolyte Analyzers and ABG Analyzers for Water Electrolytes and Acid Base Analysis.

- b) The Clinical Biochemistry laboratory is supporting the diagnostic specialized investigations like CK-MB, CPK- NAC, Lipase, hs CRP, LDH, Vitamin B12, Thyroid profile, extended Diabetes profile, Hormonal profiles for fertility makers, Tumor markers, Bone markers, Cardiac markers, Anemia markers, routinely carried with quality reporting system.

Number of OPD Investigations - 186646

**4. IPD Services**

The Department of Biochemistry through Clinical Biochemistry Laboratory has been providing diagnostic facilities for IPD round the clock at Central Diagnostic Block 1st Floor B3 and B6 areas of Hospital Block.

Quality Control: To attain quality service of reported Clinical Biochemistry laboratory investigations, we have daily internal QC checks and also enrolled in External Quality Assessment Scheme (EQAS), run by the Department of Clinical Biochemistry, Christian Medical College, and Vellore. The results for all EQAS run specimens for enrolled biochemical investigations are certified within the reference levels.

- a) Number of IPD Investigations - 240355
- b) Number of Investigations in Endocrine Lab - 218814
- c) Number of Investigations in Gastro-biochemistry Lab - 2587
- d) Number of Investigations in Neurobiochemistry and COVID lab - 3495
- e) Number of Arterial Blood Gas Analysis - 387112

Total Number of Investigations of Clinical Biochemistry Lab : - 842009

**5. Health awareness/ educational activities organized by department**

A talk on balanced diet with low cost was delivered to relatives of patients by Prof. Satyavati Rana on 6th Sep 2019 during National Nutrition week.

#### 6. **CME/ workshop/ conference/training organized by department**

Organized One day Virtual Symposium on Holistic and Molecular approaches on COVID-19 -12 December 2020 at National level successfully on zoom with approx. participations of 150 participants.

#### 7. **New initiative of department**

Initiated COVID Lab for Immunoglobulin and Cytokines on 1st September 2020 at Biochemistry Department to support COVID-19 diagnostics patient care services.

Special Investigations Initiated at Gastrobiochemistry Lab: Human INF- $\gamma$  (Interferon- $\gamma$ ) cytokine, Human CA 72.4, Human stool Antigen for H. pylori, Human H. pylori antibody, Pepsinogen I, Pepsinogen II, Gastrin 17b, Human IGF-1, Serum pre-albumin and Human Activin A

#### 8. **Other activities / achievement by Department**

Efficacy of customized protocols of Holistic Traditional Complementary Alternative Medicine (HTCAM) to implement for assessment and improvements of immuno, metabolic, clinical and psychosocial outcomes in suspected isolated cases of SARS CoV-2 for COVID-19 infection: a Pilot Randomized Control Trial financial sanctioned Extramural Project by SATYAM DST in January 2020 is under process.

#### 9. **Future plan**

##### **Diagnostic Services**

- Molecular Diagnostic Services for Targeted Cancer Therapy
- Nutrient and Environment Chemical Analysis- Metal, Alcohol, Pesticide
- NABL Accreditation
- Screening Centre for Inborn Errors of Metabolism
- Specimen Transportation by Pneumatic tubing system

- Analysis of Cytokines in COVID-19 Positive Patients
- Laboratory Information System interfaced with HIS

##### **Research**

- New born Screening & Prenatal Screening Lab
- Stone analysis by FTIR
- Heavy Metal Analysis
- Set Up Reference Values for Biochemical Investigations

Neuro-biochemistry Lab: The department is playing a key role in development of the super specialty neuroscience laboratory to assist neurophysicians, neurosurgeons and psychiatrists. We will also utilize valuable patients' samples for further research and better understanding at cellular and molecular level.

Gastro-biochemistry Lab: Department is actively involved in development of super specialty Gastro laboratory to assist Gastroenterologists, Gastro surgeons, & paediatrician. In future, various new tests for helping clinicians to reach a diagnosis for patients will also be established in the department.

#### **II) Faculty activities:**

##### **Dr. Vivekanandhan S**

##### **Professor**

#### **1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master**

- Organizing Co-Chairperson of Virtual online symposium on "Holistic and Molecular approaches of COVID 19" held at AIIMS Rishikesh on 12th December 2020
- Resource person to present at "VAIBHAV-SUMMIT" virtual presentations at national and international level from 13th Oct to 24th Oct 2020

#### **2. Awards & honours received**

- Received best researcher award from Director, AIIMS, Rishikesh

- b) MOU signed with CSIR Institute of Genomics and Integrative Biology, Delhi for patient's diagnostic genetic tests.

**Prof. Satyavati Rana**  
**Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Presented a talk on "Hydrogen breath test in diseases" during National webinar on "Health issues to save human life in today's scenario" held on 21st Aug 2020 organized by Department of Medical lab technology, PT. L. M. Govt. P.G. College Rishikesh
- b) Did panel discussion and delivered a talk on 17th Oct 2020 on the topic "Introduction to Gut Microbiota" during Vaibhav Summit held at AIIMS Rishikesh organized by Govt of India
- c) Presented a talk on "COVID-19 and gut" during Virtual Symposium on Holistic & Molecular Approaches of COVID-19 held on 12 Dec 2020 Organized by AIIMS Rishikesh, Department of Biochemistry.
- d) Part of Organizing Committee for Virtual Symposium on Holistic & Molecular Approaches of COVID-19
- e) On 20th Oct 2020, a talk on "Importance of balance diet for health" was delivered to patients and their relatives waiting in Non-COVID area of AIIMS Rishikesh.
- f) A talk on "Role of healthy diet for cancer patients was delivered" on 20th Jan 2021 to cancer patients on radio and chemo therapy waiting in in Banker area of AIIMS Rishikesh
- g) On 2nd March 2021, a talk on "Importance of breakfast for health" was delivered to patients and their relatives waiting in Non-COVID area of AIIMS Rishikesh.
- h) A health awareness program on "Tuberculosis awareness" was organised at Swami Satyamitranand Giri Government Inter College, Haripur kala Dehradun in collaboration of college of nursing, AIIMS Rishikesh
- i) Attended webinar on "GI and Liver Disease in COVID-19 Landscape" on 5th April, 2020
- j) "Step wire Management Acute Pancreatitis" webinar was attended on 16th April, 2020
- k) Attended webinar on "NASH- Current and Emerging Treatment" on 19th April, 2020
- l) Attended "Diagnosis and Management of HBV in 2020" webinar on 3 May, 2020.
- m) Attended "Approach to Chronic Constipation" webinar on 24 May, 2020.
- n) Attended webinar on "Approach to Patient with Dyspepsia" on 31 May, 2020
- o) Attended "Difficult to treat GERD" webinar on 12 July, 2020.
- p) Attended "Newer Concepts in Pathogenesis & Management in ACLF" talk on 19 July, 2020
- q) Attended webinar on "Approach to common GI Systems: Belching, Hiccoughs and Proctalgia Fugax" on 26 July, 2020
- r) Attended "Diagnosis and Management of Chronic Pancreatitis" webinar on 23 August, 2020
- s) Attended Panel Discussion on "Gastrointestinal Lymphoma" on 30 August, 2020
- t) Attended Panel Discussion on "Carcinoma Gall Bladder" on 6th September, 2020
- u) Attended "Carcinoma Esophagus" Panel Discussion on 27 September, 2020
- v) Attended 20th PGI - AIIMS Conference on "Current Perspectives in Liver Disease" on 10th & 11th October, 2020.
- w) Attended Guest lecture on "Nutrition through Our Tradition and Cultural Practices" held at AIIMS Rishikesh on 24 October 2020
- x) Attended "World antimicrobial awareness week 2020" webinar held at AIIMS, Rishikesh on 24 November 2020
- y) Attended 61st Annual Conference of ISG held Virtually from 19th to 20th December, 2020
- z) Attended ACBI webinar on "Flow cytometry & its applications in Laboratory Diagnostics" on 26th March, 2021

## 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Attended Asia-pacific Federation for Clinical Biochemistry and Laboratory Medicine webinar on “Thyroid function test results” held on 19th August 2020.
- b) Delivered a talk on “Prevention of oxidative stress in various diseases by functional foods” during 3rd International conference on Novel Aspects in Medicine, Allied Sciences and Technologies for new developing ERA held from 10th to 12th Sep 2020 Organized by DNA labs, Dehradun Uttarakhand
- c) Attended Asian Pacific Association for the Study of the Liver International webinar on
  - a. “Liver Fibrosis” virtually held on 21st November, 2020.
  - d) Attended International Federation of Clinical Chemistry and Laboratory Medicine Webinar on “Expanding New-born Screening Globally: Reducing Infant Mortality Through Early Diagnosis” on 4th November, 2020

## 3. Awards & honours received

- a) Elected as Fellow of Indian Academy of Biomedical Sciences for year 2020 for my outstanding contribution in the field of Biomedical Sciences.
- b) Elected National Executive Council Member of Nutrition Society of India for 2 years from 2020 to 2022.
- c) Guest Editor for Thematic Issue on “Gut Microbiota and Cancer” in Journal of Reviews on Recent Clinical Trials.
- d) Got funded extramural project entitled “To study Small Intestinal bacterial overgrowth, lactose, fructose intolerance and H Pylori infection in dyspepsia patients in tertiary hospital of Uttarakhand”. (UCOST)
- e) Intramural project on “Profile of Gastro panel markers among patients with dyspepsia”

## Dr Anissa Atif Mirza Additional Professor

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Oral presentation on topic Role of Interleukin-1  $\beta$ -511 (C/T) and Toll-like receptor 4 Asp299Gly polymorphism and their associations in risk of developing Chronic Cervical Spondylitis at International Conference NAMASTE-2020 10th -12th September 2020.
- b) Attended and contributed in oral presentation investigate association of uric acid with glycemic parameters in individuals with prediabetes and diabetes mellitus at AIIMS Rishikesh on Virtual Conference of South East Asian Diabetes Foundation SEADFCON -2020 on 19th -20th September 2020.
- c) Poster presented as Co-author titled in Webinar : Antibiotic Resistance Renewed Fight jointly hosted by AIIMS New Delhi and American Society of Microbiology on 7-8th October 2020
- d) Faculty Speaker on topic COVID-19 Holistic Prevention and Control Through Behavioral Hygienic Approaches-HSOBPsat Virtual online symposium on “Holistic and Molecular approaches of COVID 19” held at AIIMS Rishikesh on 12th December 2020
- e) Oral presentation on Biochemical correlations of serum magnesium with lipid analytes in different clinical groups of type 1 and type 2 diabetes mellitus: A hospital-based cross-sectional study at Cardio-Diabetic Society January 27 2021
- f) Chairperson of Virtual Conference Uttarakhand Cardiabcon Chapter 2020 on 30th August 2020.
- g) Completed Online training Programme on Alcohol and Liver 08th , 12th ,15th and 19th September 2020 conducted by Project LEAD ILBS New Delhi

**Dr. Manisha Naithani**  
Additional Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Organizing Secretary of Virtual online symposium on “Holistic and Molecular approaches of COVID 19” held at AIIMS Rishikesh on 12th December 2020

**2. Awards & honours received**

Awarded Teacher’s Day Award for distinguished contribution as teacher by AIIMS Rishikesh in September 2020

**Dr. Sarama Saha**  
Additional Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Faculty Speaker on topic Update of Diagnostic approaches of COVID 19 at Virtual online symposium on “Holistic and Molecular approaches of COVID 19” held at AIIMS Rishikesh on 12th December 2020
- b) Guest speaker in National Webinar on impact, chemistry and prevention of covid-19 organised by Lucknow Christian College in May 2020
- c) Guest Lecture titled “Flowcytometry in clinical biochemistry.” in the National PG Update cum CME organised by Association of Medical Biochemists of India in November 2020
- d) Organising Member and Speaker of Faculty lecture titled “Molecular Pathogenesis of Covid-19” at Virtual online symposium on “Holistic and Molecular approaches of COVID 19” held at AIIMS Rishikesh on 12th December 2020

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person /**

**chairperson / co-chairperson/ panellist / Quiz Master)**

Guest lecture titled “Recent advances in Diagnostics of GBC: Tumour Markers” jointly organized by Journal of Carcinogenesis, All India Institute of Medical Sciences, Rishikesh India and Carcinogenesis Foundation in February 2021

**3. Awards & honours received**

Awarded Teacher’s Day Award for distinguished contribution as teacher by AIIMS Rishikesh in September 2020

**Dr Bela Goyal**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest speaker in National Webinar on impact, chemistry and prevention of covid-19 organised by Lucknow Christian College in May 2020
- b) Guest Lecture titled “Flowcytometry in clinical biochemistry.” in the National PG Update cum CME organised by Association of Medical Biochemists of India in November 2020
- c) Organising Member and Speaker of Faculty lecture titled “Molecular Pathogenesis of Covid-19” at Virtual online symposium on “Holistic and Molecular approaches of COVID 19” held at AIIMS Rishikesh on 12th December 2020

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest lecture titled “Recent advances in Diagnostics of GBC: Tumour Markers”
- b) jointly organized by Journal of Carcinogenesis, All India Institute of Medical Sciences, Rishikesh India and Carcinogenesis Foundation in February 2021

**3. Awards & honours received**

Awarded Teacher's Day Award for distinguished contribution as teacher by AIIMS Rishikesh in September 2020

**Dr. Kiran Meena**  
**Assistant Professor**

**1. Awards & honours received**

Convenor of Nutrition Society of India, "Rishikesh - Uttarakhand Chapter" since 25th March 2021

# DEPARTMENT OF BURN & PLASTIC SURGERY





## 8.4 BURN & PLASTIC SURGERY

Department has started functioning from 29.02.2016. with joining of Dr. Debarati Chattopadhyay and Dr. Madhubari Vathulya (Joined on 12.05.16). The departmental faculty strength increased to four after joining of Dr Vishal Mago Additional Professor and Head of the department on 29.05.17 and Dr. Akshay Kapoor Assistant professor (date of joining 26.02.18). and Dr Mohd Altaf Mir Assistant Professor (20 / 02 / 2019) & Dr Neeraj (22 / 05 / 2020) Department of Burns & Plastic surgery is providing out-patient services since 2016 on everyday basis (Monday to Saturday). The

various facilities provided in the out- patient clinic include consultation and counselling for all Plastic and reconstructive surgical cases The department is providing (IPD) in- patient care to patients requiring admission for surgical intervention. Department has 24 beds exclusively for Plastic Surgery with all the ancillary facilities required for comprehensive care. The department has the facility of operating 6 days in a week (Daily) since September 2018 for elective cases and full emergency back-up 24\*7

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Vishal Mago	Additional Professor & Head
2	Dr. Debarati Chattopadhyay	Associate Professor
3	Dr. Madhubari Vathulya	Associate Professor
4	Dr. Akshay Kapoor	Assistant Professor
5	Dr. Mohd Altaf Mir	Assistant Professor
6	Dr. Neeraj	Assistant Professor

If required, insert row

### I) Departmental activities :

#### 1. Academic activities

- 8 Lecture class per Year
- 4 Intergrated teaching classes per year
- Teaching for 12 MBBS Students every month.
- Clinical Rounds.
- Two Seminars per week for MCh Plastic Surgery SR

- One Journal Club per week for MCh Plastic Surgery SR
- One Grand Clinical round
- Two Case Presentation per week for MCh Plastic Surgery SR
- Thesis protocol presentation & Progress assessment twice every six Month
- Monthly Internal Assessment MCQ Clinical vignettes & OSCE.

#### 2. OPD Services

Total No of Patients : 1610

S.No	Units	Faculty Name	OPD Days
1.	Unit – I	Dr. Vishal Mago/Dr. Neeraj	Wednesday / Saturday
2.	Unit – II	Dr. Debarati Chattopadhyay/ Dr. Akshay Kapoor	Tuesday / Friday
3.	Unit – III	Dr. Madhubari Vathulya/ Dr. Mohd Altaf Mir	Monday / Thursday

#### 3. IPD Services

- Craniofacial Surgery: craniofacial cleft, Craniosynostosis like Metopic suture synostosis, Coronal suture synostosis, Lambdoid (Plagiocephaly, Dolichocephaly, Trigonocephaly, Scaphocephaly etc.) Hemifacial macrosomia, teacher Collin's syndrome, TMJ ankyloses & hypertelorism correction and Maxillofacial trauma & deformity correction.

- Microvascular Reconstructive surgery: Microvascular free tissue transfer like Anterolateral thigh flap(ALT), Free fibula for mandibular reconstruction, Gracilis, Latissimus dorsi, limb replantation and revascularization. these surgeries are done to suit the knee post post cancer defect and limb defect.
- Cleft surgery: Cleft lip and palate surgery, surgeries for Velopharyngeal incompe-

- tence(VPI) and mid face hypoplasia correction are done.
- d) Hand surgery – Post burn hand deformities, post traumatic hand deformities, Nerve injury, Tendon injury, Old malunited fractures of hand with functional abnormalities, post electric burn hand, metacarpal hand, congenital hand deformities like Radial and Ulnar club hand, Syndactyly, Polydactyly, Lobster claw hand, clino and camptodactyly, Thumb duplication, Brachysyndactyly etc.
  - e) Brachial plexus surgery: Injury of upper limb involving C5,6 7,8 T1 Nerve with variable out come during birth or obstetric palsy. Reconstructive options like Neurotisation, tendon transfer, De-rotation of limb, muscle re-education, muscle transfer eg. Trapezius, Latissimus dorsi, pectoralis major, free functioning muscle transfer, arthrodesis to get maximum functional outcome.
  - f) Aesthetic surgery: Brow lip eye lid Surgery, Liposuction, Breast augmentation and reduction, Abdominoplasty, Nose surgery, lip surgery, aesthetic facial surgery, contour deformity of face and body left procedure.
  - g) Facial nerve paralysis reconstruction: facial sling, gold plate, cross facial nerve graft, masseter nerve transfer, free functional muscle transfers for facial reanimation.
  - h) Hyperbaric Chamber Oxygen Therapy
4. **Health awareness/ educational activities organized by department**  
Celebrated World Lymphedema Day with Awareness campaign varicose veins in Security guards on 6th March 2021 with IMA & Rotary Club Rishikesh.
  5. **CME/ workshop/ conference/training organized by department**  
1st Wound care workshop for Nursing officer on 26 March 2021.
  6. **New initiative of department**
    - a) Starting PDCC in Microsurgery & PDCC in Hyperbaric Medicine
    - b) Setting Up of Microsurgery Unit
  7. **Any other activities/achievement by Department**  
Integrated teaching class with ENT Department on Barotrauma in HBOT

## 8. Future plan

- a) Setting up of Burns Unit
- b) Setting up of Craniofacial Unit
- c) Setting Up of Aesthetic Clinic
- d) Upgradation of Skill Lab
- e) Development of a fully-fledged Microsurgery and training unit
- f) Laser Unit to be started in OPD for management of scars, pigmentation, vascular malformations, hair removal and facial rejuvenation

## II) Faculty activities:

### Dr. Vishal Mago

#### Additional Professor & Head

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Pressure Injury: Evidence based Nursing Approach workshop at AIIMS Rishikesh as a Resource Faculty
- b) Wound Care Workshop on 05th to 6th December 2021 at AIIMS Rishikesh as a Resource Faculty and Instructor in Hyperbaric Medicine.
- c) Trauma Conference on 03/12/2020 to 05/12/2020n at AIIMS Delhi as Guest Lecture. (Virtual Conference)
- d) E Poster Annual Conference Indian Society Paediatric Oncology 2020 on 8th Nov 2020 Bangalore

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

1. Diabetic Foot – Europe 2020 on 09/12/2020 to 10/12/2020 at Europe (Virtual Conference)
2. Annual Conference of American Society for surgery of Hand on at USA.
3. WOUNDCON 2020 on 14 November 2020 at UK

### Dr. Debarati Chattopadhyay Associate Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest

**Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

AIIMS – IU School of Medicine Joint Virtual Workshop on Regenerative and Nano Medicine: Invited attendee

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

1. 13th Australasian Cleft lip and Palate Association Conference on 08/05/2020 to 10/05/2020 at Melbourne, Australia as Guest Lecture
2. Oral paper presentation in 77th Annual Meeting of American Cleft Palate Craniofacial Association, 2021

**Dr. Madhubari Vathulya**

**Designation: Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Pressure Injury: Evidence based Nursing Approach workshop at AIIMS Rishikesh as a Resource Faculty
- b) Wound Care Workshop on 05th to 6th December 2021 at AIIMS Rishikesh as a Resource Faculty
- c) 1st Wound care workshop for Nursing officer on 26 March 2021.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Guest Lecture – American Society of Plastic Surgery on 09/10/2020 to 18/10/2020.

**Dr. Akshay Kapoor**

**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Wound Care Workshop on 05th to 6th December 2021 at AIIMS Rishikesh.

- b) 1st Wound care workshop for Nursing officer on 26 March 2021.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

1. Global Conference on Plastic Surgery and therapy on 07/10/2020 at Madrid Spain as resource Faculty
2. Annual Conference of American Society for surgery of Hand on at USA

**Dr. Mohd Altaf Mir**

**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Wound Care Workshop on 05th to 6th December 2021 at AIIMS Rishikesh.
- b) 2.1st Wound care workshop for Nursing officer on 26 March 2021 at AIIMS Rishikesh.

**Dr. Neeraj**

**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Wound Care Workshop on 05th to 6th December 2021 at AIIMS Rishikesh.
- b) 2.1st Wound care workshop for Nursing officer on 26 March 2021.



Introduction to Laparoscopy Training

# Advanced Center of Continuous Professional Development (CPD)



PPE Donning & Doffing, Hand hygiene General instructions Contact Tracing, Cleaning & Disinfection & Do's & Don'ts 1



Advance Trauma Life Support(ATLS)



Hand Hygiene & Bio Medical Waste-08 July 2020



Capacity Enhancement Training Program for Nursing Cadre



Internship Orientation Program

## 8.5 Advanced Center of Continuous Professional Development (CPD)

### Workshops / Course conducted and organized from 01 April 2020 to 30 March 2021

Sr. No.	Date	Workshops	Number and Participants
1.	16 June to 23 June 2020	Training on e-Hospital	Total 248 Participants
2.	06 July 2020	Training on Basic Invasive Mechanical Ventilation	Resident-24
3.	07 July 2020	Induction Training of Newly Recruited Nursing Officers	Total 48 Participants
4.	08 July 2020	Hand Hygiene & Bio Medical Waste Management	Total 45 Participants
5.	09 July 2020	Occupational Health Hazards & Vaccination	Total 48 Participants
6.	10 July 2020	Compression only CPR	Total 46 Participants
7.	20 July 2020	Training on Basic Invasive Mechanical Ventilation	Resident-16
8.	21 July 2020	Induction Training of Newly Recruited Nursing Officers	Total 66 Participants
9.	22 July 2020	Hand Hygiene & Bio Medical Waste Management	Total 65 Participants
10.	23 July 2020	Occupational Health Hazards & Vaccination	Total 63 Participants
11.	24 July 2020	Compression only CPR	Total 66 Participants
12.	06 Aug. 2020	Clinical Key Webinar & Scopus key Webinar	Faculty & Resident-34
13.	07 Aug. 2020	Clinical Key Webinar & Scopus key Webinar	Faculty & Resident-84
14.	10 Aug. 2020	Clinical Key Webinar & Scopus key Webinar	Faculty & Resident-18
15.	10 Aug. 2020	Workshop on Skill Enhancement on Effective Digital Presentation	Faculty-20, Resident-07, PhD Scholar-02 Total Participants-29
16.	19 Aug.2020	Workshop on Basic Airway Management Course (Resident)	Total 19 Participants
17.	17-25 Aug. 2020	Capacity Enhancement Training Program for Nursing Cadre (122 Nursing Care Skill Modules)	Nursing Faculty-11, Nursing Tutor-22, ANS-06 Total Participants-39
18.	28 to 29 Aug. 2020	Online Workshop on Medical Photography	Faculty-30, Resident-06, PhD Scholar-01, JAA & Photographer-02 Total Participants-39
19.	07 to 12 Sept. 2020	Capacity Enhancement Training Program for Nursing Cadre (122 Nursing Care Skill Modules)	SNOs & NOs-30
20.	08 Sept. 2020	Training Session on "Inspired Living at Difficult Times"	MBBS 2019 Students – 100
21.	15 Sept. 2020	Training Session on "Inspired Living at Difficult Times"	MBBS 2019 Students – 100
22.	22 Sept. 2020	Training Session on "Inspired Living at Difficult Times"	MBBS 2019 Students – 100
23.	22 Sept.2020	Workshop on Basic Airway Management Course	Residents-23
24.	25 Sept. 2020	Online Training Workshop on Objective Assessment: Clinical vignette / Multiple Choice Questions	Faculty & Nursing Tutor-23
25.	28 Sept. to 05 Oct.2020	Capacity Enhancement Training Program for Nursing Cadre (122 Nursing Care Skill Modules)	SNOs & NOs-31

26.	29 Sept.2020	Workshop on Basic Airway Management Course	Residents-28
27.	06 Oct. 2020	Basic Critical Care Training Program for Nursing Cadre	Nursing Officers-31
28.	08 Oct. 2020	Motivational Talk Session by Dept. of Humanities (For COVID Duty HCWI)	SNOs & ANSs
29.	09 Oct.2020	Webinar on IPR with Special Reference to Medical Research Organizations	Faculty
30.	08 to 09 Oct. 2020	Training on Basic Surgical Skill	Residents-19
31.	27 Oct. to 04 Nov. 2020	Capacity Enhancement Training Program for Nursing Cadre	Nursing Officers-34
32.	14-22 Dec. 2020	Capacity Enhancement Training Program for Nursing Cadre	Nursing Officers-25
33.	23 Dec. 2020	Basic Critical Care Training Program for Nursing Cadre	Nursing Officers-25
34.	11-13 Jan. 2021	Assessment of Basic Critical Care Nursing Skill Training	Nursing Officers-52
35.	04-13 Jan. 2021	Workshop on Pressure Injury: Evidence Based Nursing Approach	Nursing Officers-30
36.	01 Feb, to 09 Feb. 2021	Internship Orientation Program	Interns-108
37.	04 Feb. to 10 Feb. 2021	Basic Surgical Skill Training	Residents-106
38.	04 to 10 Feb. 2021	Introduction to Laparoscopy Training	Residents-51
39.	18 Feb. to 25 Feb. 2021	Capacity Enhancement Training Program For Nursing Cadre	Nursing Officers-47
40.	26 Feb. 2021	Basic Critical Care Training Program for Nursing Cadre	Nursing Officers-47
41.	11,13,16,18 & 20 Feb. 2021	English Language Class	Administrative Staff-04
42.	26 Feb. 2021	Hindi Language Class	JAO & JAA-40

### Simulation Lab Utilization for Training (Month of April 2020-March 2021)

S. No.	Month	No. of Participants	Trainees
1.	April	883	Faculty-67, Resident-216,Nursing Officers-600
2.	May	28	Residents-28
3.	June	166	Residents -150, Nursing Officers-14, ANS-01 & Nursing Tutor-01
4.	July	236	Residents -148, Nursing Officers-83, SNO-05
5.	August	387	Residents -193, MBBS Students-194
6.	September	362	Residents-66, Faculty-13, Nursing-60, MBBS Students-223
7.	October	251	Residents-31, Nursing Officers -64, MBBS Students-156
8.	November	443	Faculty-03, Residents-26, Nursing Officers -68,MBBS Students-346
9.	December	335	Residents-50, Nursing Officers -61, SNO-25,ANS-20, Tutors-05 MBBS Students-174
10.	January	340	Residents-78, Nursing Officers -52, MBBS Students-210
11.	February	468	Residents-181, Nursing Officers-94, SNO-45, MBBS Interns-108, MBBS Students-40
12.	March	209	Residents-84, Faculty-8, B.sc Respiratory Therapist-03, Nursing Student-61 MBBS Students-53
<b>01 April 2020 to 30 March 2021</b>		<b>4108</b>	

**Simulation Lab Utilization for Course Assessment Exam (Month of April 2020-March 2021)**

S. No.	Month	No. Participants	Trainees	Departments
1	April	12	Residents	Orthopedic & Anesthesiology
2	May	22	Residents	Orthopedic & Anesthesiology
3	June	04	Residents	Orthopedic, Obst& Gynaecology & Anesthesiology
4	July	10	Residents	Orthopedic
5	September	08	Residents	Orthopedic
6	October	43	Residents-18, MBBS Students-25	Anesthesiology, General Medicine & General Surgery
7	November	02	Residents	Burn & Plastic Surgery
8	December	80	Residents -45, MBBS Students-35	Neuro-Anesthesia, General Medicine, Orthopedic PMR, Anesthesiology, General Surgery, Anesthesia Critical care
9	January	176	MBBS Students	General Surgery
10	February	46	Residents-06, MBBS Students-40	General Surgery, Emergency Medicine
11	March	31	Residents-10, B.sc Respiratory Therapist-03 MBBS Students18	Orthopedic, General Surgery, Pulmonary Medicine
<b>01 April 2020 to 30 March 2021</b>		<b>434</b>		

**Summary of Simulation Based Workshop**

S.No	Training Program	Number of Participants
1	Basic Critical Care Skill (skill based)	443
2	ATCN	32
3	ATLS	48
4	Video Laryngoscopy	193
5	Nursing Induction Program	65
6	Basic of Mechanical Ventilation	75
7	Capacity Enhancement for Nursing Cadre	207
8	Basic Airway Management	70
9	ATLS Instructor course	03
10	BLS AHA	286
11	Internship Orientation Program	108
12	Basic Surgical Skills	106
13	Workshop on Reginal Anesthesia	30
14	Workshop on wound care management	25
15	ACLS	19
16	Ventilatory training ( Virtual) COVID-19 patient	611
17	Airway Management (Virtual ) COVID-19 patient	1581
18	NON AHA BLS	133

**Training Report on Preparedness to Combat COVID-19**

Training on General instructions, PPE Donning & Doffing & Hand hygiene; Sample collection; Contact Tracing; Cleaning & Disinfection & Do's & Don'ts & CPR Recommendations

**From 30 March to 20 May 2020**

S No	Designation	Number of Participants
1	Faculty	223
2	SR/JR	599
3	SNO/NO/ANS	881
	<b>Total</b>	<b>1703</b>

**Training on PPE Donning & Doffing, Hand hygiene; General instructions, Contact Tracing; Cleaning & Disinfection & Do's & Don'ts**

**From 30 March to 29 May 2020**

Sl.No	Designation	Number of Participants
1	Technician/Technical Assistant	41
2	Computer Operator (Trauma lab)	6
3	Field Incharge & Supervisor (House Keeping)	20
4	House Keeping	276
5	Hospital Attendant	150
6	Radiographer / Radiography Technician	20
7	Radiotherapy Technician	3
8	MSW	12
9	MRC	23
10	Kitchen Staff	12
11	Lab Technician	20
12	Lab Attendant	20
13	Ambulance Driver	4
14	Cashier	8
15	Dietician	5
16	LDC/SKCC & DRA/BME	14
17	Office Attendant	04
18	Ayushman Mitra & Arogya Mitra	15
19	Security Guard	307
20	PHC Staff	7
21	JAO/JAA/AAO	21
22	Library staff	05
23	Storekeeper	01
24	Warden	06
25	Admin office	03
<b>From 15-09-2020 to 16-09-2020</b>		
26	Residents	90
<b>From 01 February to 08 February 2021</b>		
27	Interns	108
	<b>Total</b>	<b>1201</b>



**Training on Airway Management (in COVID-19 Cases)**

From 23 March to 17 June 2020

S No	Designation	Number of Participants
1	Faculty	63
2	SR/JR	688
3	Technician	19
4	SNO/NO	1027
5	OT Technician	04
<b>From 01 February 2021 to 08 February 2021</b>		
6	Interns	108
<b>Total</b>		<b>1909</b>

**Training on Basic Critical Care Skill & Ventilator Support (for Nursing Officers)**

From 2 April to 27 April 2020

Designation	Part 1	Part 2 (CCU)
Nursing Officer	287	130/287

**Training on Ventilatory Management in Critically ill Patients & Adjuncts (for Residents)**

From 17 April to 11 June 2020

S No	Designation	Number of Participants
1	Faculty	128
2	SR/JR	482
<b>Total</b>		<b>610</b>

**Preparedness to Combat COVID – 19: Training on ECG Identification of Rhythm & Management (In COVID – 19 Cases) & CPR (as per AHA Guidelines in COVID – 19 Cases)**

From 3 April to 30 May 2020

S No	Designation	Number of Participants
1	Faculty	99
2	SR/JR	666
3	Interns	91
<b>From (14-09-2020 to 15-09-2020)</b>		
5	Residents	93
<b>From 01 February 2021 to 08 February 2021</b>		
6	Interns	108
<b>Total</b>		<b>1057</b>

**Training on Ambulance Disinfection (for Covid-19)**

03 April 2020

Designation	Number of Participants
Housekeeping Staff	30

**Training on Handling Dead Body instructions as per SOP (Covid-19 Patient) and Training on PPE Donning & Doffing, Hand hygiene; General instructions, Contact Tracing; Cleaning & Disinfection & Do's & Don'ts**

03 April 2020

Designation	Number of Participants
Housekeeping Staff	30

**Training of Quarantine Team & instructions as per SOP and Training on PPE Donning & Doffing, Hand hygiene; General instructions, Contact Tracing; Cleaning & Disinfection & Do's & Don'ts  
07 April 2020 & 08 April 2020**

Sl. No	Designation	Number of Participants
1	Nursing Officer	10
2	MSW	8
3	MRC	02
4	Driver	4
5	Hospital Attendant	7
6	Housekeeping Staff	24
7	Outside Ambulance Driver	18
<b>Total</b>		<b>73</b>

**Training on General Instructions & Hand Hygiene & practices, Contact Tracing; precautionary measures pre-cooking, cooking & serving food (Kitchen, Mess & Canteen Staff)  
27 -28 April 2020**

Designation	Number of Participants
Kitchen staff	50

**Reinforcement Training for Cleaning & Disinfection (Housekeeping Staff)  
21-04-2020 to 16-06-2020**

Designation	Part 1	Re-training	Re-Training
Housekeeping Staff	276	109/276	0
Housekeeping Supervisors/ sanitation Officers/ Porter Supervisors/BMW Supervisors/TDS Supervisors	31	31	23/31
<b>Total</b>	<b>307</b>	<b>140</b>	<b>23</b>

**Preparedness to Combat COVID-19, Training on Video Laryngoscopy (In COVID – 19 Cases)  
01-06-2020 to 18-07-2020**

Designation	Number of Participants
Residents	191
<b>Total</b>	<b>191</b>

**Training on Basics of Invasive Mechanical Ventilation Training  
06-07-2020 to 11-08-2020**

Designation	Number of Participants
Faculty	13
Residents	62
<b>Total</b>	<b>75</b>

**International Webinar on Covid – 19 Pandemic – Opportunity to Reform Assessment  
(21-07-2020)**

Total Faculty & Residents:	710
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**Online RTPCR Mobile App Use Training  
13-08-2020 to 20-08-2020**

Designation	Number of Participants
Residents & Nursing Officers	422
<b>Total</b>	<b>422</b>

**Humanities Training For Security Guards**

**Training of Security Guard to alleviate fear, anxiety & promote common sense / Correct Practices during Covid – 19 Pandemic**

Designation	Number of Participants
Security Guard	269
<b>Total</b>	<b>269</b>

**Total Participants: 9217**

**Capacity building: Instructor for various training and in workshops**

2016 onwards and many instructors were trained for various skill-based courses.

**Capacity building: Instructor for various training and in workshops**

Faculty development workshop on Medical education technologies

S.No	Name	Designation	Department	Institute
1.	Dr Latika Mohan	Professor	Physiology	AIIMS Rishikesh
2.	Dr Pratima Gupta	Professor	Microbiology	AIIMS Rishikesh
3.	Dr Vartika Saxena	Professor	Community & family Medicine	AIIMS Rishikesh
4.	Dr Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
5.	Dr Gita Negi	Additional Professor	Transfusion Medicine	Outside
6.	Dr Farhanul Huda	Additional Professor	General Surgery	AIIMS Rishikesh
7.	Dr Neha Singh	Additional Professor	Pathology	AIIMS Rishikesh
8.	Dr Anupama Bahadur	Additional Professor	Obst & Gynaecology	AIIMS Rishikesh
9.	Dr Ashish Bhute	Assistant Professor	Forensic Medicine	AIIMS Rishikesh
10.	Dr. Manisha Naithani	Additional Professor	Biochemistry	AIIMS Rishikesh
11.	Dr Manisha Bisht	Additional Professor	Pharmacology	AIIMS Rishikesh
12.	Dr Poorvi Kulshreshtha	Associate Professor	Physiology	AIIMS Rishikesh

**Research methodology, Biostatistics & Evidence Based Medicine**

S.No	Name	Designation	Department	Institute
1.	Dr Pratima Gupta	Professor	Microbiology	AIIMS Rishikesh
2.	Dr Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
3.	Dr Vartika Saxena	Professor	Community & Family Medicine	AIIMS Rishikesh
4.	Dr Shailendra Handu	Professor	Pharmacology	AIIMS Rishikesh
5.	Dr Manisha Naithani	Additional Professor	Biochemistry	AIIMS Rishikesh
6.	Dr Nilotpal Chowdhury	Additional Professor	Pathology	AIIMS Rishikesh
7.	Dr Ravi Gupta	Additional Professor	Psychiatry	AIIMS Rishikesh
8.	Dr Puneet Dhamija	Additional Professor	Pharmacology	AIIMS Rishikesh
9.	Dr Ranjeeta Kumari	Additional Professor	Community & Family Medicine	AIIMS Rishikesh
10.	Dr Venkatesh Pai	Associate Professor	General Medicine	AIIMS Rishikesh
11.	Dr Mohit Bhatia	Assistant Professor	Microbiology	AIIMS Rishikesh
12.	Dr Ajeet Singh Bhadoria	Assistant Professor	Community & Family Medicine	AIIMS Rishikesh
13.	Dr Vikram Singh Rawat	Assistant Professor	Psychiatry	AIIMS Rishikesh
14.	Dr Yogesh Arvind Bahurupi	Assistant Professor	Community & Family Medicine	AIIMS Rishikesh
15.	Dr. Monika Pathania	Associate Professor	General Medicine	AIIMS Rishikesh
16.	Dr Anupama Bahadur	Additional Professor	Obst. & Gynaecology	AIIMS Rishikesh

**ACLS Instructor**

S.No	Name	Designation	Department	Institute
1.	Dr Sanjay Agarwal	Professor	Anesthesia	Outside
2.	Dr. Minakshi Dhar	Additional Professor	General Medicine	AIIMS Rishikesh
3.	Dr Gaurav Jain	Associate Professor	Anaesthesia	Outside
4.	Dr Bharat Bushan Bhardwaj	Assistant Professor	Trauma & Emergency	Outside
5.	Dr. Barun Kumar	Associate Professor	Cardiology	AIIMS Rishikesh
6.	Dr. Monika Pathania	Associate Professor	General Medicine	AIIMS Rishikesh
7.	Dr. Deepak Singla	Associate Professor	Anaesthesia	AIIMS Rishikesh
8.	Dr. Ankita Kabi	Assistant Professor	Anaesthesia	AIIMS Rishikesh

**BLS Instructor**

S.No	Name	Designation	Department	Institute
1	Dr. Minakshi Dhar	Additional Professor	General Medicine	AIIMS Rishikesh
2	Dr. Barun Kumar	Associate Professor	Cardiology	AIIMS Rishikesh
4	Dr. Vartika Saxena	Professor	Community & Family Medicine	AIIMS Rishikesh
5	Dr. Farhanul Huda	Additional Professor	General Surgery	AIIMS Rishikesh
6	Dr. Manisha Naithani	Additional Professor	Biochemistry	AIIMS Rishikesh
8	Mrs. Xavier Belsiyal	Assistant Professor	Nursing	AIIMS Rishikesh
9	Mr. Rajesh Kumar	Assistant Professor	Nursing	AIIMS Rishikesh
10	Dr. Ashi chug	Additional Professor	Dentistry	AIIMS Rishikesh
11	Dr. Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
12	Dr. Monika Pathania	Associate Professor	General Medicine	AIIMS Rishikesh
13	Dr. Deepak Singla	Associate Professor	Anaesthesia	AIIMS Rishikesh
14	Dr. Ankita Kabi	Assistant Professor	Anaesthesia	AIIMS Rishikesh
15	Arun Varghese	Nursing Tutor	Nursing	AIIMS Rishikesh
16	Mrs Vasanta Kalyani	Assistant Professor	Nursing	AIIMS Rishikesh
17	Dr Pradeep Aggarwal	Associate Professor	Community & Family Medicine	AIIMS Rishikesh
18	Rupinder Deol	Assistant Professor	Nursing	AIIMS Rishikesh
20	Malar Kodi S	Assistant Professor	Nursing	AIIMS Rishikesh
21	Hemanth Kumar	Senior Nursing Officer	Nursing	AIIMS Rishikesh
22	Dr Rakesh Sharma	Assistant Professor	Nursing	AIIMS Rishikesh

**Basic Airway Management Instructor**

S.No	Name	Designation	Department	Institute
1.	Dr Sanjay Agarwal	Professor	Anesthesia	Outside
2.	Dr Gaurav Jain	Associate Professor	Anaesthesiology	AIIMS Rishikesh
3.	Dr Deepak Singla	Associate Professor	Anaesthesiology	AIIMS Rishikesh
4.	Dr Amit Kumar Tyagi	Assistant Professor	ENT	AIIMS Rishikesh
5.	Dr Bharat Bhushan Bhardwaj	Assistant Professor	Trauma & Emergency	AIIMS Rishikesh
6.	Dr D K Tripathi	Additional Professor	Anaesthesia	AIIMS Rishikesh
7.	Dr Ankita Kabi	Assistant Professor	Emergency Medicine	AIIMS Rishikesh
8.	Dr Miridul Dhar	Assistant Professor	Anaesthesia	AIIMS Rishikesh
9.	Dr Poonam Arora	Assistant Professor	Emergency Medicine	AIIMS Rishikesh
10.	Mr Hemanth K	Senior Nursing Officer	Simulation Lab	AIIMS Rishikesh

**Occupational Health Hazard and Vaccination Instructor**

S.No	Name	Designation	Department	Institute
1	Dr Manisha Naithani	Additional Professor	Biochemistry	AIIMS Rishikesh
2	Dr Vandana Kumar Dhingra	Associate Professor	Nuclear Medicine	AIIMS Rishikesh
3	Ms Meena Negi	Technical Assistant	Nuclear Medicine	AIIMS Rishikesh
4	Dr Vivek Singh	Assistant Professor	Orthopaedics	AIIMS Rishikesh
5	Dr Meenaxi Khapre	Assistant Professor	CFM	AIIMS Rishikesh
6	Dr Vikram Singh Rawat	Associate Professor	Psychiatry	AIIMS Rishikesh
7	Dr Smita Sinha	Associate Professor	Community & Family Medicine	AIIMS Rishikesh
8	Dr Bela Goyal	Assistant Professor	Biochemistry	AIIMS Rishikesh

**Hand Hygiene and Biomedical Waste Management**

S.No	Name	Designation	Department	Instructor
1	Dr Amber Prasad	Assistant Professor	Microbiology	AIIMS Rishikesh
2	Dr Vanya	Senior Resident	Microbiology	AIIMS Rishikesh
3	Mrs Suman Choudhary	ICNO	Microbiology	AIIMS Rishikesh
4	Mr Mahesh Kumar sharma	ICNO	Microbiology	AIIMS Rishikesh
5	Mr Prince Chelvaraj N	ICNO	Microbiology	AIIMS Rishikesh
6	Mr Ashok Kumar Sharma	ICNO	Microbiology	AIIMS Rishikesh
7	Mrs Anita	ICNO	Microbiology	AIIMS Rishikesh
8	Mrs Pratiz	ICNO	Microbiology	AIIMS Rishikesh
9	Mrs Komal	ICNO	Microbiology	AIIMS Rishikesh

**"Skill Enhancement for Effective Digital Presentation"**

S.No	Name	Designation	Department	Instructor
1	Dr Bina Ravi	Professor	General Surgery	Outside
2	Dr Pratima Gupta	Professor	Microbiology	AIIMS Rishikesh
3	Dr Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
4	Dr Anupama Bahadur	Additional Professor	Obs & Gynae	AIIMS Rishikesh
5	Dr Farhanul Huda	Additional Professor	General Surgery	AIIMS Rishikesh
6	Dr Neha Singh	Associate Professor	Pathology	AIIMS Rishikesh
7	Dr Ashi Chug	Additional Professor	Dentistry	AIIMS Rishikesh
8	Dr Manisha Bisht	Additional Professor	Pharmacology	AIIMS Rishikesh
9	Dr Venkatesh S Pai	Associate Professor	General Medicine	AIIMS Rishikesh
10	Dr Prashant Pranesh Joshi	Assistant Professor	Pathology	AIIMS Rishikesh

**" Acid Base, Fluid and Electrolyte Imbalance and its Management"**

S.No	Name	Designation	Department	Instructor
1	Dr D K Tripathy	Additional Professor	Anesthesia	AIIMS Rishikesh
2	Dr Bharat Bhushan Bhardwaj	Assistant Professor	Trauma & Emergency	AIIMS Rishikesh
3	Dr Minakshi Dhar	Associate Professor	General Medicine	AIIMS Rishikesh
4	Dr P K Panda	Assistant Professor	General Medicine	AIIMS Rishikesh
5	Dr Nidhi Kaeley	Assistant Professor	Trauma & Emergency	AIIMS Rishikesh
6	Dr. Monika Pathania	Associate Professor	General Medicine	AIIMS Rishikesh
7	Dr Y. S. Payal	Additional Professor	Anesthesia	AIIMS Rishikesh
8	Dr Sanjay Agrawal	Professor	Anesthesia	AIIMS Rishikesh
9	Dr Ravi Kant	Associate Professor	General Medicine	AIIMS Rishikesh

**"Simulation Workshop on Basics of Ultrasound & Echocardiography"**

S.No	Name	Designation	Department	Instructor
1	Dr Ajay Kumar	Associate Professor	Anesthesia	AIIMS Rishikesh
2	Dr Mayank Mishra	Additional Professor	Pulmonary Medicine	AIIMS Rishikesh
3	Dr Ajit Kumar	Associate Professor	Anesthesia	AIIMS Rishikesh
4	Dr Udit Chauhan	Assistant Professor	Radio-diagnosis	AIIMS Rishikesh
5	Dr. Yash Shrivastava	Assistant Professor	Cardiology	AIIMS Rishikesh
6	Mr Hemanth K	Senior Nursing Officer	Simulation Lab	AIIMS Rishikesh

**"Workshop on Assessment: Objective structured Clinical and Practical Examination (OSCE / OSPE)"**

S.No	Name	Designation	Department	Instructor
1	Dr Pratima Gupta	Professor	Microbiology	AIIMS Rishikesh
2	Dr Gita Negi	Additional Professor	Transfusion Medicine	AIIMS Rishikesh
3	Dr Manisha Bisht	Additional Professor	Pharmacology	AIIMS Rishikesh
4	Dr Anupama Bahadur	Additional Professor	Obs & Gynaecology	AIIMS Rishikesh
5	Dr Ashi Chug	Additional Professor	Dentistry	AIIMS Rishikesh
6	Dr Poorvi Kulshreshtha	Associate Professor	Physiology	AIIMS Rishikesh
7	Dr Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
8	Dr Farhanul Huda	Additional Professor	General Surgery	AIIMS Rishikesh

**"Workshop on Objective Assessment: Clinical vignette / Multiple Choice Questions "**

S.No	Name	Designation	Department	Instructor
1	Dr Gita Negi	Additional Professor	Transfusion Medicine	AIIMS Rishikesh
2	Dr Manisha Bisht	Additional Professor	Pharmacology	AIIMS Rishikesh
3	Dr Anupama Bahadur	Additional Professor	Obs & Gynaecology	AIIMS Rishikesh
4	Dr Ashish Bhute	Assistant Professor	Forensic Medicine	AIIMS Rishikesh
5	Dr Shalinee Rao	Professor	Pathology	AIIMS Rishikesh
6	Dr Pratima Gupta	Professor	Microbiology	AIIMS Rishikesh

**"Workshop on Medical Photography, Videography and Editing"**

S.No	Name	Designation	Department	Instructor
1	Dr Ashi Chug	Additional Professor	Dentistry	AIIMS Rishikesh
2	Dr Ashish Bhute	Assistant Professor	Forensic Medicine	AIIMS Rishikesh
3	Dr Ashok Singh	Assistant Professor	Pathology	AIIMS Rishikesh

**ACLS/BLS Courses: ACLS and BLS course of American Heart Association are being conducted by Advanced Center of Continuous Professional Development, AIIMS Rishikesh.**

**Following ACLS /BLS workshops are conducted from 1 April 2020 to 31 March 2021.**

Sr.No.	Date	Workshops	Number and Participants
1	09 November 2020	Basic Life Support AHA Certified	Nursing Officers- 17
2	10 November 2020	Basic Life Support AHA Certified	Nursing Officers 18
3	12 November 2020	Basic Life Support AHA Certified	Nursing Officers 18
4	19 November 2020	Basic Life Support AHA Certified	Nursing Officers 18
5	24 November 2020	Basic Life Support AHA Certified	Nursing Officers 18
6	26 November 2020	Basic Life Support AHA Certified	Total Participants-09
7	02 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
8	03 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
9	04 December 2020	Basic Life Support AHA Certified	Nursing Officers- 19

10	07 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
11	08 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
12	09 December 2020	Basic Life Support AHA Certified	Nursing Officers- 17
13	10 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
14	11 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
15	14 December 2020	Basic Life Support AHA Certified	Nursing Officers- 18
16	01 March 2021	Basic Life Support Non Certified	B.sc Nursing 1st Year Students-33
17	02 March 2021	Basic Life Support Non Certified	B.sc Nursing 1st Year Students-33
18	03 March 2021	Basic Life Support Non Certified	B.sc Nursing 1st Year Students-33
19	08 March 2021	Basic Life Support AIIMS Certified	IGNOU Students-34
20	22 March 2021	Basic Life Support AHA Certified	Resident: L4 SNO:1 NO: B Asst. Prof: 2 Nursing Tutor: 1 <b>Total Participants-26</b>
21	24 to 25 March 2021	Advance Cardiac Life Support AHA Certified	Asst. Prof: 02 Resident:15 Nursing Officer: Nursing Tutor: 1 <b>Total Participants-19</b>

**ATLS/ATCN Program:**

Advanced Trauma Life Support and Advanced Trauma Care for Nurses program of American College of Surgeons are being conducted by Advanced Center of Continuous Professional Development, AIIMS Rishikesh.

Following workshops are conducted from 1 April 2020 to 31 March 2021.

Sr.No.	Date	Workshops	Number and Participants
1	11 to 13 June 2020	Advanced Trauma Care for Nurses (ATCN)	Total 16 Participants (Nursing Officers)
2	09 to 11 July 2020	Advanced Trauma Care for Nurses (ATCN)	Total 16 Participants (Nursing Officers)
3	06 to 08 August 2020	Advance Trauma Life Support(ATLS)	Total 16 Participants (Resident)
4	03-04 November 2020	ATLS Instructor Course	Total Participants-03
	07 to 09 January 2021	Advance Trauma Life Support(ATLS)	Total 16 Participants (Resident)
	25 to 27 February 2021	Advanced Trauma Life Support(ATLS)	Total 16 Participants

**Outside:**

Sr.No	Date	Workshops	Number of Participants	Trainee	Institute
01	19/01/2021 to 03/02/2021	Simulation Lab Utilization for Training/BLS non AHA	02	Pharmacist-01 Nursing Staff-01	Swami Vivekanand Health Mission, Haridwar
02	21/02/2021 to 5/03/2021		04	Nursing Staff	
03	06/03/2021 to 17/03/2021		02	Nursing Staff	
04	21/03/2021 to 05/04/2021		04	Pharmacist-01 Nursing Staff-03	
<b>From 19/01/2021 to 05/04/2021</b>		<b>Total</b>	<b>15</b>		

**List of Mortality Meeting /Guest Lectures****01 April 2020 to 31 March 2021**

<b>Sr.No.</b>	<b>Date</b>	<b>Workshops</b>	<b>Number and Participants</b>
1	11 to 13 June 2020	Advanced Trauma Care for Nurses (ATCN)	Total 16 Participants (Nursing Officers)
1	09 to 11 July 2020	Advanced Trauma Care for Nurses (ATCN)	Total 16 Participants (Nursing Officers)
2	06 to 08 Aug. 2020	Advance Trauma Life Support(ATLS)	Total 16 Participants (Resident)
3	03-04 Nov. 2020	ATLS Instructor Course	Total Participants-03
4	07 to 09 Jan. 2021	Advance Trauma Life Support(ATLS)	Total 16 Participants (Resident)
5	25 to 27 Feb. 2021	Advanced Trauma Life Support(ATLS)	Total 16 Participants

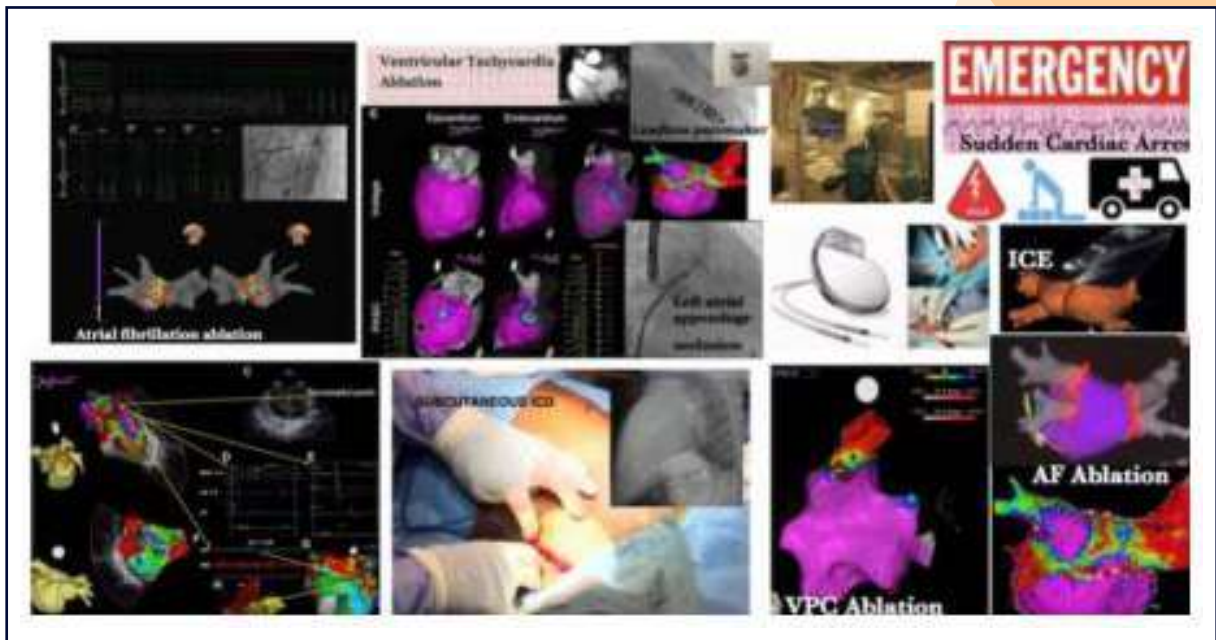
<b>Lecture</b>	<b>Departments</b>	<b>No of Activity</b>
1.	Mortality Meeting	08
2.	Guest Lecture	07



# DEPARTMENT OF CARDIOLOGY



## Third International Atrial Fibrillation & Ventricular Arrhythmia : State of Art Virtual Symposium



**Saturday, 13th March 2021, AIIMS Rishikesh**

*Organised by :*

**Department of Cardiology & Electrophysiology**

**AIIMS Rishikesh**

[www.arrhythmiasupport.com](http://www.arrhythmiasupport.com)



## 8.6 CARDIOLOGY

Best and up-to-date knowledge based practices for achieving best possible patient outcomes.  
Dedicated patient care to the poor & needy.

Department has following faculty members –

SI.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Dr. Bhanu Duggal	Professor & HOD
2	Dr. Barun Kumar	Associate Professor
3	Dr. Rohit Walia	Assistant Professor
4	Dr. Yash Srivastava	Assistant professor
5	Dr. Ramlal Ola	Senior Resident(Post DM)
6	Dr. Pintu Sharma	Senior Resident
7	Dr. Shishir Soni	Senior Resident
8	Dr. Ashwin Kodliwath	Senior Resident
9	Dr. Pranay Gore	Senior Resident
10	Dr. Gaurav Chauhan	Senior Resident
11	Dr. Vikas Sabbarwal	Senior Resident
12	Dr. Abhimanyu Nigam	Senior Resident
13	Dr. Yogesh Chander	Senior Resident
14	Dr. M. Joshna	Senior Resident
15	Dr. Raviraj Nandan	Junior Resident
16	Dr. Tarun Kumar Sharma	Junior Resident
17	Dr. Vikas Semwal	Junior Resident
18	Dr. Sudhanshu Singh	Junior Resident

### I) Departmental activities:

#### 1. Academic

##### Undergraduate

- Regular UG Classes
- Post Covid- Regular online lecture

##### Postgraduate (DM)

- Journal Club- Once weekly
- Cases- Twice weekly
- Seminar- Once weekly
- Online classes march onward.
- Cath Conference

#### 2. OPD Services :

3191 (Three Thousand One Hundred Ninety-One)

#### 3. IPD Services:

699 (Six Hundred Ninety-Nine Only)

#### 4. Diagnostic services

Echo	-	2941
Fetal echo	-	39
Holter	-	25
TMT	-	39

#### 5. Major/Minor OT Services

Minor:	-	Day Care CAG
	-	TPI

##### Major:

CAG	-	365
PTCA	-	216
PPI	-	38
ASD/VSD/PDA	-	05
BMV/BPV	-	21
TPI	-	81
PERICARDIAL	-	24

#### 6. CME / workshop / conference / training organized by department

Yoga Workshop for Healthcare Workers (from April 2020 to June 2020)

#### 7. New initiative of department

- Start of art cardiac Cath Lab(Philips)
- Biplane(Siemens)
- OCT received & Installed.
- Introduction to Yoga- For distressing and boosting Immunity among health worker.
- TAVR

**7. Any other activities/achievement by Department**

Regular online Seminars, Journal clubs, Case Presentation, ECG classes, Echo Classes.

**8. Future plan**

- a) To provide best and up-to-date Cardio vascular Services
- b) Promoting cardio vascular research
- c) To Provide Highest Quality Cardio Vascular Training to DM students & Technical Staff.
- d) To Provide Best and up-to-date knowledge based practices for achieving best possible patient out comes
- e) Dedicated patient care to the poor & needy
- f) Best provides of Cardiovascular service for people living in hilly .....

**II) Faculty activities:**

**Dr. Bhanu Duggal  
Professor & HOD**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Spoke on Prevention of Coronary Artery decease on Doordarshan (U.K.)

- a) Participated in InternationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

International Seminar on Interventional Cardiology June 2020

**Dr Rohit Walia  
Assistant Professor**

**1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**NATIONAL WEBINARS GIVEN ON**

- a) Role of Melatonin as Immune Booster for COVID: Webinar given in collaboration with APOLLO Delhi & Mankind pharma on 13 Nov 2020

- b) Pharmacological & Interventional Management Of Ventricular Tachycardia: A national webinar from CIPLA pharma 15 th June, 2020.

**2. Participated in InternationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Organised Third International Atrial Fibrillation & Ventricular arrhythmia State of Art Virtual Symposium, March 13, 2021 as chairman organising team & presented talks on Scar Ventricular Tachycardia Ablation



All India Institute of Medical Sciences  
Rishikesh  
**NATIONAL NUTRITION WEEK**  
**राष्ट्रीय पोषण सप्ताह**  
1<sup>st</sup> - 7<sup>th</sup> September  
Department of Community

## DEPARTMENT OF COMMUNITY & FAMILY MEDICINE



## 8.7 COMMUNITY & FAMILY MEDICINE

Department of Community and Family Medicine, since its inception in 2012, has strived to disseminate excellence in teaching, research, health care, mass awareness and public health activities beyond our institute's perimeter by collaborating with international, national, regional stakeholders. Year 2020 - 21 saw consolidation of department's effort in all aspects specially in COVID -19 activities from screening to vaccination in collaboration with state health administration.

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Vartika Saxena	Professor & Head
2	Dr. Ranjeeta Kumari	Additional Professor
3	Dr. Pradeep Aggarwal	Associate Professor
4	Dr. Santosh Kumar	Associate Professor
5	Dr. Smita Sinha	Associate Professor
6	Dr. Meenakshi Khapre	Assistant Professor
7	Dr. Mahendra Singh	Assistant Professor
8	Dr. Ajeet Singh Bhadoria	Assistant Professor
9	Dr. Yogesh Arvind Bahurupi	Assistant Professor

**Departmental activities:**

### 1. Academic activities

#### MPH Activities

There are 26 MPH students at present in the department including 08 new admissions in 2021. MPH students are provided training with an active learning approach via enriching field experiences, student - directed learning and problem -based learning.

Students were actively involved in COVID-19 contact tracing, quarantine and screening OPD activity since last year. This year from 2021 Feb students were also posted in Vaccination centres and COVID-19 ward duties. They have managed the epidemiology conference held by the department.

#### UG Activities

Department of Community and Family Medicine conducts teaching and training of medical students pursuing MBBS course from first to 7th semester. During the last year, teaching was mainly conducted through online classes for MBBS students due to the ongoing COVID-19 pandemic. Later, during the phase of unlock, offline classes were also conducted for students to make up for their exposure to family study and other practical aspects of Community Medicine.

Formative assessment of students during clinical postings was carried out on a day-to-day basis as well as at the end of

respective clinical postings of each batch. End semester assessment of 2018 batch was conducted at the end of 4th semester in January 2021, which consisted of theory as well as practical examination. The Department also conducted a third professional examination for the 2017 batch in March 2021. Apart from this, supplementary examination for students of the 2016 batch were also conducted in November 2020.

Detailed discussion on competency based medical curriculum was conducted in the department and a comprehensive document of Board of studies was compiled with the details of teaching, training, and assessment of undergraduate teaching in the subject of Community & Family Medicine. Board of studies was also approved by Internal and external experts.

#### PG Activities

MD (Community & Family Medicine) curriculum is revised in year 2021. Curricular objectives have been redefined based on current advances in the field of public health. Newer topics are introduced to meet the curricular objectives. Posting of PG students is modified to make it more relevant to Public Health. The postgraduate student's progress was monitored through the logbook and feedback forms regarding the various PGs activities. End-month assessments are conducted regularly.

## 2. OPD Services:

### COVID Screening OPD

Covid screening OPD was started since the beginning of COVID -19 pandemic. Dr Yogesh Bahurupi I/C COVID Screening OPD was involved in setting up of OPD was planned along with Engineering Department and Hospital Infection Control Committee. Around 45,000 patients attended COVID screening OPD till 31 March 2021.

### Functions of COVID Screening OPD

1. Making protocols for COVID testing, isolation and quarantine
2. Screening for COVID suspect and sampling of COVID-19
3. Assessing high and low risk exposures
4. Isolation and quarantine of patients
5. Home isolation for COVID positive cases and
6. Establishing referral mechanisms with other departments

### Contact tracing

Contact tracing was initiated under faculty in-charge by Dr. Mahendra Singh to identify possible contacts of a COVID positive individual and guiding them for further actions. Major functions of contact tracing team are

- Tracing the contacts of COVID-19 positive cases
- Assessing primary and secondary contacts

### Quarantine/Monitoring

The Quarantine/Monitoring team was established under the guidance of Dr Pradeep Aggarwal (Nodal officer Quarantine / Isolation) & Dr Meenakshi Khapre.

- Making guidelines for quarantine and isolation.
- Follow up on all individuals under quarantine or isolation.
- Managing quarantine and isolation facilities.

All these teams worked in coordination and MD & MPH students were divided into these groups and got posted on a rotational basis.

### Telemedicine OPD

Nationwide lockdown was implemented to contain the spread of COVID cases. To facilitate

the reach of patients Virtual OPD was started under guidance of Prof. Vartika Saxena (Telemedicine Advisor) and Dr. Yogesh Bahurupi (Nodal Officer). Also, a separate toll-free line 1800-180-4278 was established. Teleconsultation was provided to around 8000 beneficiaries.

AllMS Rishikesh collaborated with Govt. of Uttarakhand for provision of broad speciality and super-speciality consultation under e-Sanjeevani portal.

- Online consultation and virtual patient management through online mode
- Online telecommunication to COVID -19 positive patients and address their issue, concerns and challenges

## 3. Health awareness/ educational activities organized by department

National Nutrition Week was celebrated every year from 1st September to 7th September. The main objective of celebrating this event was to create awareness on the importance of nutrition for health which has far reaching implications on development, productivity, economic growth and ultimately national development. Throughout the week, several activities were organized by the Department of Community & Family Medicine, both within and outside the institution. On this Occasion the Department of Community & Family Medicine organized a webinar and two health talks. Webinar on "Role of Indigenous food items in health and disease: A perspective from Uttarakhand" was organized on 01/09/2020. Panellist from different teaching and research organizations delivered lectures during this webinar. A total of 265 participants took part in this webinar.

World Population Day was celebrated every year on 11th July. The theme for this year's World Population Day was "Putting the brakes on COVID-19: How to safeguard the health and rights of women and girls now". On this Occasion the Department of Community & Family Medicine organized two health talks and a Quiz competition for postgraduate and MPH students.

HIV/Aids Day 1st Dec 2020: The day was observed to create awareness among the public by organizing role play in Raiwala and Thanu. Health talk was also arranged

in these areas. Poster and quiz competition was arranged for MPH and PG students. ART centre at AIIMS Rishikesh was inaugurated with the hands of Director, AIIMS Rishikesh.

Swachhata Pakwada – Various awareness activities inside the campus and in the community.

Seven plus Dengue initiative for prevention and control of dengue in the community.

Conducted awareness programme for adopted villages under Unnat Bharat Abhiyan (Ministry of education).

Distributed more than 30000 masks in community under COVID -19 community task force

#### 4. **CME / workshop / conference / training organized by department**

##### **Rural & Remote Health**

Our department took part in Vaibhav summit. For the theme Atmanirbhar Poshan held on 13/10,2020 from 2.30 PM to 4.30 PM, Dr. Vartika Saxena, Dr. Ranjeeta Kumari and Dr Smita Sinha contributed in discussion on Cost effective technologies for screening and management of rural nutritional health. For this session total 14 panellists from across the world took part in brain-storming session on how to improve nutritional status of rural people. This session was attended by around 98 participants across the globe.

During the session the current nutritional status of our country was reviewed and the need to strengthen monitoring of nutritional indicators were discussed. Promotion of locally available food and use of other cost-effective technology and GI tags were discussed.

“Development of e-Health services in remote and rural India as part of the Digital Health Mission” as part of VAIBHAV 2020 was conducted on 20th October 2020. Dr. Yogesh Bahurupi was lead coordinator for the session. Padma Sri Prof. Ravi Kant, Director AIIMS Rishikesh gave opening remarks on the theme and express his thoughts on the “Role of academic institutions like AIIMS in transforming health care in rural and remote areas through digital modality”. Total 13 panelists were involved in sessions. Panellists were eminent personalities in the field of

digital health from Australia, United Kingdom and India.

Webinar “Psychological wellbeing among youth during COVID-19 pandemic” A international webinar on 26/8/2020.

Webinar “COVID-19 pandemic prevention and precaution” under Unnat Bharat Abhiyan 8/8/2020.

Organised session on Environment and its influence on health by Padmshree, Padma Bhushan Dr Anil Prakash Joshi

#### 5. **New initiative of department**

Establishment of COVID-Vaccination centre: COVID - 19 Vaccination started at AIIMS Rishikesh on 16.01.2021 at Ayush Budling. Till 31.05.2021 total 20197 doses were administered. Till 31.05.2021 total 3832 HCW had vaccinated with both dose of COVID - 19 vaccine.

- a) Dengue prevention drive
- b) Establishment of Public health lab
- c) Urban Primary health center (UPHC) under collaboration with AIIMS Rishikesh and NHM Uttarakhand. (UPHC Shantinagar & UPHC Kailash gate)
- d) Established” Mask Bank” First mask bank of Uttarakhand during COVID -19 pandemic.
- e) Establishment of COVID-19 community task force under social outreach programme
- f) Initiated Newsletter (Monthly) COVID-19 community task force AIIMS Rishikesh
- g) Public health lab facility is present in Department of Community and Family Medicine for undergraduates, interns and post graduates. The components included are water chemistry, milk testing and nutrition. Under milk testing rapid milk testing is done and in water chemistry facilities of estimating hardness of water, residual chlorine in water and Horrock’s apparatus is present.

#### 7. **Any other activities/achievement by Department**

Invited for interview on ‘Awareness & information on COVID-19’ on Doordarshan Uttarakhand and talk show on Akaashvaani Dehradun on 4 March 2021.

**Vaibhav Summit: Session Report**

Department of Community & Family Medicine conducted panel discussion of the session on “Cost effective technologies for screening and management of rural nutritional health” under the Horizontal of “Remote and Rural Health – Reaching the unreached”, under the Vaishwik Bharatiya Vaigyanik (VAIBHAV) Summit, which is a collaborative initiative by S&T and Academic Organisations of India to enable deliberations on thought process, practices and research and development culture with a problem-solving approach for well-defined objectives.

Key macro statistics about the session (Number of panellists, participants, duration, date etc.) were as follows:

Number of Panellists	-	14
Number of Participants	-	98
Duration	-	2 PM – 6 PM
Date	-	13-10-2020

The session was led by Dr. Vartika Saxena, Prof. and HOD Department of Community & Family Medicine and moderated by Dr. Ranjeeta Kumari, Additional Professor, Department of Community & Family Medicine. Opening remarks were deliberated upon by Director & CEO, AIIMS Rishikesh, Prof Ravi Kant, who highlighted the importance of developing cost-effective technologies for diagnosis and management of nutritional health problems which are one of the major underlying cause of most communicable as well as non-communicable diseases. Panelists from different institutions/organizations within and outside the country shared their view points.

Recommendations suggested by the panelists were as follows

The Ministry of women and child development should start working in line with Department of Health, Disaster and Management Rural Development and Agricultural to avoid the all-cascading effects of poor nutrition.

- a) Need to work on national policy for children suffering from moderately acute malnutrition.
- b) Need to allow incentives on Nutri-Cereals cultivation.
- c) Need to bring policy for reservation for dedicated land for cultivation.
- d) Need to introduce millets in PDS and mid-day meals.
- e) Need to introduce sustainable local foods concept to school children.
- f) Need to promote kitchen garden, forest

food and household production for minimizing cost and affordability gap.

- g) Need to introduce nutritional counselling, festivals/rallies and gamification of local products and nutrition.
- h) Need to work in the field of characterization of our food bio-resources using modern biology tools and animal studies.
- i) Need to design innovative foods based on microbiome isolated from traditional foods for enhancing popularity of local food and set a worldwide stage for it.
- j) Need to work on assessment of nutritional health status and dietary pattern of people using evidence-based cost-effective technologies and compare it with standard methods, to create a nutritional health profile of people according to different age groups, physiological groups and gender.
- k) Potential areas of collaborations identified were as follows:
  - l) Adoption of a multidisciplinary approach to bring together area of research, medical technology, and healthcare engineering.
  - m) Optimization and scaling up of sustainable and cost-effective technologies with IIT Roorkee and a food industry partner.
  - n) Development of protocol to enhance nutritional and overall food value of local indigenous foods in coordination with ICMR and NIN.
  - o) Mapping of local foods, data analytics and developing AI (Artificial intelligence) to map and detect malnutrition markers in collaboration with IIT Roorkee.
  - p) Working with government organization - MOHFW, MWCD, MHUA, NITI Aayog
  - q) Development of region-specific policies in engagement with Ministry of Women and Child Development, Rural development, and Agricultural department.
  - r) Promotion of safe food practices and cost-effective nutritional interventions and then assessing the impact on the population in collaboration with NGOs.
  - s) Collaboration with foreign universities to build connections across academia from health, social sciences and health care engineering.
  - t) AIIMS, Rishikesh has established “Centre of Excellence in Public Health Nutrition” in the Department of Community & Family



Medicine, with an aim of improving the nutritional health status of people living in North India and particularly in the state of Uttarakhand, by maximizing the use of indigenous resources for achieving sustainability and self-reliance in an evidence-based manner.

- u) Swachta Abhiyan
- v) Establishment of two UPHC in collaboration with NHM Uttarakhand (UPHC Shantinagar & UPHC Kailash gate)
- w) Established "Mask Bank" First mask bank of Uttarakhand during COVID -19 pandemic.
- x) Establishment of "COVID-19 community task force" under social outreach programme
- y) Initiated Newsletter (Monthly) COVID-19 community task force AIIMS Rishikesh
- z) Initiation of Seven plus initiative for dengue control and prevention in department
- aa) Outreach teleconsultation for primary care collaboration with jagat bandhu trust
- bb) Outreach teleconsultation with Hans Foundation.

### Report

To make healthcare facilities accessible in remote areas, AIIMS Rishikesh has established Centre for Rural Health at PHC Thano.

The various services PHC Thano providing in village are as follows:

1. Routine OPD services – Allopathic, Ayurvedic, Homeopathic
2. NCD Clinic
3. ANC Clinic
4. Emergency services
5. Inpatient services
6. Maternal and child health
  - a. Antenatal care
  - b. Full immunization of children
  - c. Vitamin A prophylaxis
  - d. Prevention and management of childhood infections
7. Family welfare – Education, motivation and counselling to adopt appropriate family methods
8. Reproductive health – IEC for RTI/ STI
9. Implementation of National Health Programs

10. Celebration of Health days
11. Lab and diagnostic services – Random Blood Sugar, Rapid test for pregnancy, Blood Pressure measurement
12. Monitoring and supervision of activities of sub-centers
13. Record of vital events including birth and death rates
14. During pandemic, PHC Thano is designated as vaccination center for COVID-19 Vaccination.

### Report

To make healthcare facilities accessible in remote areas, AIIMS Rishikesh has established Centre for Rural Health at PHC Raiwala.

The various services PHC Raiwala providing in village are as follows:

1. Routine OPD services – Allopathic, Ayurvedic, Homeopathic
2. Inpatient services
3. NCD Clinic
4. ANC Clinic
5. Emergency services
6. Maternal and child health
  - a. Antenatal care
  - b. Full immunization of children
  - c. Vitamin A prophylaxis
  - d. Prevention and management of childhood infections
7. Family welfare – Education, motivation and counselling to adopt appropriate family methods
8. Reproductive health – IEC for RTI/ STI
9. Implementation of National Health Programs
10. Celebration of Health days
11. Lab and diagnostic services – Random Blood Sugar, Blood Pressure measurement
12. Monitoring and supervision of activities of sub-centers
13. Record of vital events including birth and death rates
14. During pandemic, PHC Raiwala is designated as vaccination center for COVID-19 Vaccination.

### Future plan

- a) Establishment of "Rural Center for excellence in Primary care"

- b) Establishment of Youth wellness center.
- c) Department of CFM is organizing an extramural funded online workshop on Regression modelling using IBM SPSS Statistics, funded by SERB under Accelerate Vigyan Karyashala programme for Postgraduate scholars in different institutes from 19 to 25 July 2021. This is a high-end workshop intended to enhance knowledge and skills of post-graduate scholars, regarding application of Regression modelling in biomedical research.

## II) Faculty activities

### Dr. Vartika Saxena Professor

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master).
  - a) Organizing Chairperson for Webinar on 'Role of indigenous food items in health & disease: A Perspective from Uttarakhand' on the occasion of National Nutrition Week (1-7 September 2020) on 1 September 2020. Delivered a talk on Nutritional Status in Uttarakhand.
  - b) Panelist in discussion on 'Role of Ayurveda teaching faculty towards building ecosystem in Ayurveda research and integrative medicine', 19 March 2021, organized by CSIR-Institute of Genomics and Integrative Biology, New Delhi.
  - c) Delivered plenary session on "Efforts for Prevention & Control of Fluorosis in Uttarakhand" in National Conference of Epidemiology Foundation of India – EFICON 2020, 19-20 December 2020, AIIMS Rishikesh.
  - d) Chairperson in Virtual Online Symposium on Holistic & Molecular Approaches of COVID19, 12 December 2020, Department of Biochemistry, AIIMS Rishikesh.
  - e) Speaker in Webinar on One Health Approach Towards Integrated Antimicrobials Stewardship Practices on occasion of World Antimicrobial Awareness Week 2020, 24th November 2020, AIIMS Rishikesh
  - f) Participated in Panel Discussion on Accelerating Cervical Cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative,

17th November 2020, AIIMS Rishikesh. Topic of Lecture – Strategies for HPV Screening.

- g) Speaker in National Conference on Nutrition and Health 2020, 11th-12th November 2020, AIIMS Mangalagiri, Andhra Pradesh, Topic of Lecture- Role of breast feeding in preventing NCD's.

### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Vaibhav summit- Lead organizer of vertical Remote and Rural Health, participated as speaker and panellist (2-31st October 2020) for different sub-verticals (Nutrition, Telemedicine, AYUSH).

### 3. Awards & honours received

- a) Department of CFM awarded for Quality Services in Community on World Quality Day, 12 November 2020 by Department of Hospital Administration, AIIMS Rishikesh.
- b) Teacher's Day Award 2020 for distinguished contribution for COVID 19 management at AIIMS Rishikesh.

### Dr. Ranjeeta Kumari Additional Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Guest speaker in webinar on "Science & Technology based solution to combat the Covid-19 Pandemic (Jagrukta Abhiyan) jointly organized by NASI HQ, NASI Uttarakhand Chapter & UCOST under NASI-New Initiatives on December 5, 2020
- b) Guest speaker in a State CME on "Operational Research (OR) in National Tuberculosis Elimination Programme (NTEP)" on 22.03.2021
- c) Guest speaker on topic "Developing a research question for thesis" in Department of Pediatrics, GSVM, Medical College Kanpur on 26 December 2020
- d) Moderated the panel discussion on "Cost-effective technologies for screening and management of Rural nutritional health" in VAIBHAV Summit on 13 October 2020

e) Moderator and Speaker in a national webinar on “Role of indigenous food items in health and disease: A perspective from Uttarakhand” on 1 September, 2020

**b) Awards & honours received**

Best editor award by IESRF, 2021

**Dr. Pradeep Aggarwal**  
**Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson / panellist / Quiz Master)**

- a) Participated online Workshop as Speaker “Operational Research for Detect-Treat-Prevent-Build toward TB elimination” from Department of CFM, AIIMS Mangalagiri Andhra Pradesh held on 27 March 2021
- b) Participated in State CME on “Operational Research (OR) National Tuberculosis Elimination Program (NTEP) as Resource Faculty at Department of Community Medicine Himalayan Institute of Medical Sciences (HIMS), SRHU, Jolly Grant held on 22.03.2021
- c) Participated in web symposium entitled “Molecular Diagnostics in TB” of world TB Day held on 21 March 2021 in Himalayan Institute of Medical Sciences, SRHU Dehradun.
- d) Participated in “23rd Annual Conference of IAPSM-UPUK” on 12-13 December 2020 at Prasad Institute of Medical Sciences. (08 Credit Hours Granted by UP Medical Council).
- e) Participated as Resource Faculty in Research Paper Writing on pre-conference Workshop held on 11 December 2020 of 23rd Annual Conference of IAPSM-UPUK on 12-13 December 2020 at Prasad Institute of Medical Sciences. (04 Credit Hours Granted by UP Medical Council).
- f) Invitation as Session Chair for Oral presentation of AMRITACON 2020 dated 05.12.2020

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

a) Resource Faculty as Speaker in International Webinar on COVID-19 and GLOBAL Health Organized by Inter University Centre for Disability Studies (IUCDS) Mahatma Gandhi University, Kottayam, Kerala. Time & Date: 12.00 pm - 2:00 pm, Saturday, 25th July 2020

b) Resource Faculty as Speaker in International short course on Scientific writing and publishing Organized by Geriatrics and Long Term Care Department, Rumailah Hospital Qatar. Time & Date : 12.00 pm - 1:30 pm, 1-3rd September 2020

c) Resource Faculty as Speaker in International short course on Research Methodology and Scientific Writing organized by Qatar Rehabilitation Institute. 22 - 23 November 2020

**3. Awards & honours received**

- a) Fellowship of Royal Society for Public Health (RSPH), Fellowship No 130095
- b) Fellowship of Indian Association of Preventive and Social Medicine (IAPSM) - 2021-22.
- c) Certificate of Appreciation as “Emerging Epidemiologist” awarded by Epidemiology Foundation of India for contribution towards research and innovation in the field of Epidemiology.
- d) Certificate of Appreciation 2020 awarded by AIIMS Rishikesh on National Doctor’s Day 2020 for dedication, passion and hard work.
- e) Joint Organizing Secretary, EFICON - 2020, 18th - 20th December 2020, organized by AIIMS Rishikesh (Uttarakhand).
- f) Appointed of programme in-charge panellist at IGNOU Study Centre-31040P AIIMS Rishikesh.
- g) Scientific Committee Member in International short course on scientific writing and publishing organized by Geriatrics and Long-term care department, Rumailah Hospital, Qatar in 1st to 3rd September 2020
- h) Chairperson, State Task Force, National Tuberculosis Elimination Program Uttarakhand in ZTF 14.07.2020
- i) Awarded to Certification of Appreciation in recognition of dedication, passion and

hard work of doctor's day on 01 July 2020.

- j) Nominated as Joint Editor, Indian Journal of Community Health (IJCH) Publication of Indian Association of Preventive and Social Medicine, Uttar Pradesh and Uttarakhand from April 2020.

**Dr. Smita Sinha**  
**Associate Professor**

**Rural & Remote health**

Our department took part in Vaibhav summit. For the theme Atmanirbhar Poshan held on 13/10,2020 from 2.30 PM to 4.30 PM, Dr. Vartika Saxena, Dr. Ranjeeta Kumari and Dr Smita Sinha contributed in discussion on Cost effective technologies for screening and management of rural nutritional health. For this session a total of 14 panelists from across the world took part in a brain-storming session on how to improve the nutritional status of rural people. This session was attended by around 98 participants across the globe.

During the session the current nutritional status of our country was reviewed and the need to strengthen monitoring of nutritional indicators were discussed. Promotion of locally available food and use of other cost-effective technology and GI tags were discussed.

**Health Days celebrated:**

National Nutrition Week is celebrated every year from 1st September to 7th September. The main objective of celebrating this event was to create awareness on the importance of nutrition for health which has far reaching implications on development, productivity, economic growth and ultimately national development. Throughout the week, several activities were organized by the Department of Community & Family Medicine, both within and outside the institution. On this Occasion the Department of Community & Family Medicine organized a webinar and two health talks. Webinar on "Role of Indigenous food items in health and disease: A perspective from Uttarakhand" was organized on 01/09/2020. Panelists from different teaching and research organizations delivered lectures during this webinar. A total of 265 participants took part in this webinar.

World Population Day is celebrated every year on 11th July. The theme for this year's World Population Day was "Putting the brakes on COVID-19: How to safeguard the health and rights of women and girls now". On this Occasion the Department of Community & Family Medicine organized two health talks and

a Quiz competition for postgraduate and MPH students.

**Dr. Santosh Kumar**  
**Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) As Guest speaker in dengue control and prevention organise by medical college Dehradun on 26/January 2020.
- b) Invited as a guest speaker by spice route India (WONCA) on World youth day 2012 on "Peer pressure"
- c) Invited as guest speaker by HESCO founder Prof. Padmashree / Padmabhoshan Dr Anil Prakash Joshi on CME conducted on Gross environmental product an ecological growth measure.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Organise a webinar "Psychological wellbeing among youth during COVID-19 pandemic" An international webinar on 26/8/2020.

**3. Awards & honours received**

- a) Teacher of Year Award by Government of Uttarakhand on 5 September 2020.
- b) Corona warrior award by Hon'ble speaker Uttarakhand on 7th March 2021 on International Women Day.
- c) Appreciation certificate for community awareness programme for COVID-19 pandemic by Rotary club Central Rishikesh

**Dr Mahendra Singh**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Awarded Good Clinical Practice Certificate (GPC) conducted by NIDA

Clinical Trials Network on 16 October 2020.

- b) Resource person: State Level Training Programme on Tobacco Cessation under National Tobacco Control Programme (NTCP) on 26.3.2021 conducted by NHM Uttarakhand.
- c) Chairperson in National Pulmonary PG Conference 2020 conducted by KGMU Lucknow on 17th January 2021
- d) Chaired a scientific session on Evidence Based Public Health in the National Conference of Epidemiology Foundation of India (EFI): EFICON 2020 organised by Epidemiology Foundation of India on 19-20 December 2020, at AIIMS Rishikesh.
- e) Resource Faculty for Pre- conference workshop on Developing Skills in Handling Antimicrobial Resistance in the in the National Conference of Epidemiology Foundation of India (EFI): EPICON 2020 organised by Epidemiology Foundation of India on 19-20 December 2020, at AIIMS Rishikesh.
- f) Panellist in Webinar COVID 19 – An Update on 08.10.2020 at AIIMS Rishikesh

## 2. Awards & honours received

- a) Certificate of Appreciation 2020 awarded by AIIMS Rishikesh on National Doctor's Day 2020 for dedication, passion and hard work.
- b) Certificate of Appreciation 2020 awarded by "International Association of Lions Clubs" on National Doctor's Day 2020 for spreading of positivity and outstanding dedication and valuable contribution towards the Nation in Medical Profession.
- c) Certificate of Appreciation awarded by AIIMS Rishikesh on World Quality Day on 12 November 2020 for providing Quality Services at PHC Raiwala (Peripheral health center of AIIMS Rishikesh)

### Dr. Ajeet Singh Bhadoria Assistant Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Organized Capacity Building workshop on Management of Viral Hepatitis for Primary Care Physicians on National Viral

Hepatitis Control Program (NVHCP) from 13 Districts of Uttarakhand State, 8-12 Feb 2021

- b) Organized Geographic Information System Workshop with IIRS Dehradun, 2-3 Feb 2021
- c) Course Coordinator for 16 weeks Research Methodology Course for Postgraduates at AIIMS Rishikesh, Nov – Dec 2020
- d) Panelist in VAIBHAV Summit organized by Government of India, 2-31 Oct 2020
- e) Master Trainer with National Health Systems Resource Centre (NHSRC) for Induction training as well as training of Community Health Officers (CHO) for different modules

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Contributed as a GDG member in WHO Guideline Development Group meeting on guidance for Hepatitis C Self Testing as a GDG member from India, 14-15 Dec 2020 and 13-14 Mar 2021

#### 3. Awards & honours received

- a) COVID Warrior Award, 28 Mar 2021
- b) WHO GDG Member for Hepatitis C Self Testing

### Dr. Meenakshi Khapre Assistant Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Demographic data analysis of health personnel 7- 12 Aug 2020
- b) ICMR responsibilities of roles and responsibilities of ethic member 16 march
- c) Basic course in health economics April –July 2020
- d) Economic evaluation of HTA Oct 2020– Feb 2021
- e) 2nd Online Workshop on Designing Curriculum in Open and Distance Learning by IGNOU 23 - 31/04/2020

**Dr. Yogesh Arvind Bahurupi**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Chaired a scientific session on "Evidence Based Public Health" in national conference of EFICON 2020
- b) Resource person for "Critical Appraisal of Epidemiological Studies" in national conference of EFICON 2020
- c) Guest Lecture on "How to Review a Manuscript" in Asian Medical Students' Association International- annual board meeting.
- d) Conducted training session on RTPCR App utilisation for HCW on 13.08.2020 (2 sessions), 17.08.2020 & 20.08.2020.
- e) Conducted training session Mobile Infection Testing and Reporting (MITR) labs on 03/10/2020 at COVID-19 screening OPD.
- f) Resource person for COVID-19 Appropriate Behaviour for Kumbh Mela on 08/02/2021 at CPD, AIIMS Rishikesh.
- g) Resource person on Cold Chain Management for COVID -19 Vaccination on 13/01/2021 at CPD, AIIMS Rishikesh.
- h) Resource person for State Level Training Programme on Tobacco Cessation under National Tobacco Control Programme (NTCP) on 26.3.2021 conducted by NHM Uttarakhand.
- i) Panellist in Webinar Covid 19 – An Update on 08.10.2020 at AIIMS Rishikesh

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Moderator and panellist for "Development of e-Health services in remote and rural India as part of the Digital Health Mission" as part of VAIBHAV 2020 on 20th October 2020.

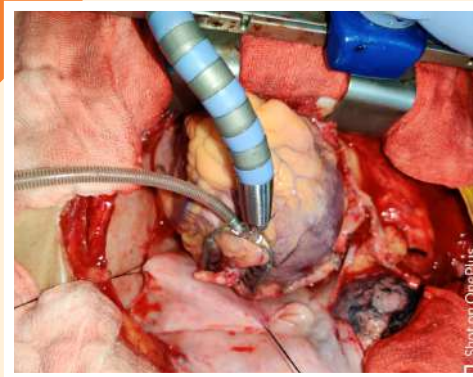
**3. Awards & honours received**

- a) Certificate of Appreciation 2020 awarded by AIIMS Rishikesh on National Doctor's Day 2020 for dedication, passion and hard work.

- b) Certificate of Appreciation 2020 awarded by "International Association of Lions Clubs" on National Doctor's Day 2020 for spreading positivity and outstanding dedication and valuable contribution towards the Nation in Medical Profession.
- c) Teachers Day Award 2020 awarded by AIIMS Rishikesh for distinguished contribution for COVID 19 management.
- d) Certificate of Appreciation as "Emerging Epidemiologist" awarded by Epidemiology Foundation of India for contribution towards research and innovation in the field of Epidemiology.
- e) Memory Plaque awarded by AIIMS Rishikesh for distinguished contribution for COVID 19 management.
- f) Certificate of Appreciation awarded by AIIMS Rishikesh for "Quality Services at PHC Thano" on World Quality Day 12 November 2020.



## DEPARTMENT OF CARDIOTHORACIC VASCULAR SURGERY (CTVS)



## 8.8 CARDIOTHORACIC VASCULAR SURGERY (CTVS)

**About Department/Achievements:** The department has achieved miles since its inception and enriched by faculty trained from premier institutes of the country. The department is providing all kinds of surgical care under CTVS including adult and paediatric cardiac surgery, coronary artery surgery (off pump as well as on pump), cardiac valve surgeries, peripheral vascular bypasses and thoracic interventions for benign and malignant entities.

**Mission:** Our mission is to start following programmes in coming years :

- Aortic surgery.
- Neonatal cardiac surgery.
- ECMO programme.
- Heart transplant programme.

**Department has following faculty members:**

Sl.No.	Name of Faculty	Designation
1.	Dr. Anshuman Darbari	Associate Professor
2.	Dr. Namrata Gaur	Associate Professor
3.	Dr. Raja Lahiri	Assistant Professor
4.	Dr. Anish Gupta	Assistant Professor

### I) Departmental activities:

#### 1. Academic

- a) Online and physical seminars for B.Sc perfusion technology.
- b) Online and physical seminars for M.Sc perfusion technology.

**2. OPD Services :** OPD Days (Monday – Friday)  
Total OPD patients - 809 Patients (April 1st 2020 – March 31st 2021)

#### 3. IPD Services: IPD Services- Functional

- a) No. of beds – 22.
- b) Patient's admission: Approx. 15-20 patients/month.
- c) 4 bedded HDU increased to 8 bedded HDU.

#### 4. Diagnostic Services

- a) Total OT cases – 95 (In 2020)
- b) Field Activities. – None

#### 5. CME/ workshop/ conference/training organized by department (1st April 2020 to 31st March 2021)

Webinar training on usage of Sinapi closed chest drainage system on World Patient Safety Day- 17th September 2020.

### 6. New initiative of department

- a) CTVS OPD every day with a special thoracic surgery clinic on Tuesday and heart failure/valve clinic on Wednesday as new addition.
- b) Telemedicine consultation facility

### 7. Other activities / achievement by Department

- a) MBBS classes
- b) COVID duties by JR/SR/Faculty

### 8. Future plan

- a) To start ECMO programme
- b) To initiate neonatal cardiac surgery

### II) Faculty activities:

**Dr. Anshuman Darbari**  
**Associate Professor**

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)
  - a) 67th Annual Conference of the Indian Association of Cardiovascular-Thoracic Surgeons as Guest Faculty (27-29 Feb., 2021).



- b) Expert lecture “AI Domain from a Surgeon’s point of view !” in Virtual International Workshop on “Pandemic and Socio-Economic Determinants: The Uses, Mathematics and Computations behind the Modelling to inform Decision Makers by NIT- Srinagar, Uttarakhand under TEQIP-III on February 12, 2021.
- c) Completed “Basic course in Biomedical Research- Mandatory for Medical teachers as per NMC” (April- June 2020).
- d) Expert lecture- “Role of Medical engineering in COVID-19” & faculty in Short term course - Technological challenges & opportunities in COVID-19 Outbreak by NIT- Srinagar, Uttarakhand under TEQIP-III 27th July,2020).

## 2. Awards & honours received

- a) Award “K.N. Dastur Memorial Oration” from Indian Association of Cardiovascular & Thoracic Surgeons (IACTS) at 67th Annual Conference of IACTS, 28th Feb.2021.
- b) Selected as Editorial Board member of World Journal of Cardiology ((ISSN: 1949-8462) (Tenure: 01-01-2021 to 31-12-2024).
- c) Selected as Editorial Board Member of BMC Cardiovascular Disorders (ISSN: 1471-2261) under Springer Nature organization (March 2021).
- d) Award “Outstanding faculty of the year” in 6th South Asian Education Awards-21 by Education-expo TV channel.
- e) Award for “Excellence in Cardiothoracic & Vascular Surgery” under the Surgical Super Specialty category- 3rd Venus International Healthcare Awards – VIHA Sept.,2020.

### Dr. Namrata Gaur Associate Professor

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Lecture on Professional ethics and code of conduct on 7th July 2020 & 8th July 2020 during nursing induction Programme in AIIMS Rishikesh July 2020. Participated as resource person.
  - b) As chairperson in conference on holistic and molecular approaches of COVID 19 12/12/2020

- c) As speaker on History of medicine (12-12-2020) during induction program of MBBS student for 2020 Batch
- d) As Moderator on “Medical Eco-system” during induction program of MBBS student for 2020 Batch (11-12-2020).

## 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

As Guest of Honour & Speaker during Asian Women meet 6 March 2021 on “Women; Work and Life Balance”.

### Dr. Raja Lahiri Assistant Professor

#### 1. Awards & honours received

Completed the Basic Course in Bio-Medical Research by ICMR & NIE.

### Dr. Anish Gupta Assistant professor

#### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Underwent 3 days ECMO training by “La Pitié Digital Ecmo Course” from 30/11/2020 to 02/12/2020.

#### 2. Awards & honours received

- a) Cleared MEBCTS (membership examination European Board of cardiothoracic surgery)
- b) Cleared many online courses from medmastery with European and US CME credits like coronary angiography, lung ultrasound, pacemaker essentials, ECHO etc.
- c) Won “Quiz contest” in International Peer review workshop on 27/09/2020.
- d) Became member of IESRF-Innovative education and scientific research foundation.



## DEPARTMENT OF DENTISTRY

## 8.9 DENTISTRY

The Department of Dentistry offers the most advanced dental medical science available to educate students and residents and to provide our patients with the highest quality care.

Department currently has following members –

Sl.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Dr Ashi Chug	Additional Professor
2	Dr Ashutosh Dixit	Associate Professor

### I) Departmental activities :

#### 1. Academic

##### Undergraduate

The Department of Dentistry is actively involved in teaching of MBBS students and we conduct regular theory didactic lectures, integrated teaching sessions and have batches of students posted in the department as part of their clinical postings. They are taught regarding basic dental diseases, systemic manifestations of oral diseases, oral and maxillofacial trauma, pathologies of the jaws, disorders of the TMJ etc

Total Number of theory classes for 8th Semester – 10 classes

Clinical postings – 25 students per batch of 6th Semester for a period of 15 days

BSc Course (3 Years) in Dental Hygiene – three students are currently enrolled in the course.

BSc (Dental Operating Room Assistant) – 2 students are currently enrolled in the course.

##### Postgraduate

(Oral and Maxillofacial Surgery)

We currently have 3 postgraduate MDS students in Oral and Maxillofacial Surgery and 3 postgraduate MDS students in Periodontology.

The first MDS candidate appeared and passed his final MDS exams in Dec 2020-Jan 2021.

We also have one student enrolled in MCh Craniomaxillofacial Surgery course.

#### 2. OPD Services :

The Department of Dentistry is currently having daily OPD services from Monday to Saturday on the 2nd level OPD C1 Block-procedures done include - extractions, surgical extractions, minor oral surgical

procedures, restorations, endodontic procedures, periodontal surgeries, root planing and scaling, fabrication of temporary prosthesis and delivery of fixed partial dentures (crowns and bridges) and obturators for patients with surgical defects and oral hygiene maintenance protocols. The Department of Dentistry is offering services in all clinical specialised fields such as – Oral and Maxillofacial Surgery, Periodontics, Pedodontics, Conservative and Endodontics, Orthodontics and Prosthodontics.

A total of 6048 patients were seen in Dentistry OPD from 1st April 2020 – 31st March 2021.

#### 3. IPD Services

A total of 54 elective patients were admitted for Oral and Maxillofacial procedures during the period.

#### 4. Diagnostic services

The Department of Dentistry provides Fully Digital Oral Radiological services for patients within the OPD itself, these specialised x rays include – IOPA (intra oral peri apical radiograph), OPG, Lateral Cephalogram and specialised TMJ view x rays. All dental chairs are connected to the main X ray console for real time digital viewing and analysis of the x rays from their respective operatories.

#### 5. Major/Minor OT Services ;

A total of 49 patients were operated in OT (45 under GA + 4 under LA)

A variety of patients with Craniofacial, cleft, oral and maxillofacial trauma, orthognathic, TMJ surgeries, and patients with maxillofacial pathologies were operated.

#### 6. Health awareness / educational activities organized by department

a) On occasion of World Oral Health Day – an

oral health awareness programme was conducted in the OPD premises for the benefit of the patients.

- b) We have been actively participating in several outreach programmes and promote awareness through these outreach programs also.

### 7. New initiative of department

The department was part of the Mucor management team and was actively involved in operating Mucor cases in collaboration with other departments and after surgery, are involved in post surgical rehabilitation using obturators and orbital prosthesis.

### 8. Any other activities / achievement by Department

Department of Dentistry was actively involved in management of covid cases in covid wards and covid ICUs. Faculty were given covid administrative responsibilities and were actively involved in surgical management of Mucor patients in collaboration with ENT, Ophthalmic and Neurosurgical teams

### 9. Future plans of department

- a) Upgradation of the OPD with installation of new dental chairs is in process to cope up with the increased patient load.
- b) Development of Minor oral surgery OT in OPD
- c) Development of an in house dental lab for 3D printing of patient specific prosthesis.

## II) Faculty activities :

**Dr Ashi Chug**  
**Additional Professor**

### 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Judge for the Scientific Session at the 5th ACOMS Trainee Conference held on 24 October 2020 organized by the Asian Association of Oral and Maxillofacial Surgeons
- b) Speaker for Virtual Masterclass 2021 organised by Association of Oral and Maxillofacial Surgeons of India from 16-20 March 2021.

- c) Invited as Faculty in Live Webinar on Complications in Facial Trauma organised by the Association of Oral and Maxillofacial Surgeons of India (Tamil Nadu and Puducherry branch) on 10 Jan 2021.

- d) Invited as Speaker and part of the Organising team for the 10 Day Researchers Review Workshop in Collaboration with Craniofacial Research Academy, KGMU Lucknow and Elsevier conducted online from 21-30 June 2020.

- e) Judge for photography competition organised by Nursing service Department, AIIMS Rishikesh on 13 May 2020

- f) Participated as a Delegate in the Live Webinar – Points to ponder in bi jaw orthognathic surgery organised by the Association of Oral and Maxillofacial Surgeons of India (Tamil Nadu and Puducherry branch) on 19 July 2020.

- g) Attended international webinar on Covid 19: Opportunity to reform assessment conducted on 21 July 2020 by AIIMS Rishikesh

- h) Participated in the online workshop- All you need to know for publication success and navigating journal workflow organized by Wolters Kluwer and AIIMS Rishikesh on 21 August 2020.

- i) Conducted practical classes for the Bridge programme for Certificate in Community Health for Nurses (BPCCHN) during Jan- Feb 2021 at AIIMS Rishikesh.

### 2. Awards & honours received

- a) Executive Committee member and State Representative of Uttarakhand to the Association of Maxillofacial Surgeons of India (AOMSI)

- b) Nominated as External Expert for Selection of Non Academic Senior Residents for the Department of Dentistry at AIIMS Gorakhpur conducted on 10 March 2021.

- c) Appointed as Subject Expert for Selection committee for selection of Contractual faculty at AIIMS Deogarh for interview conducted on 4 Dec 2020.

- d) Appointed as PG thesis examiner for MDS Oral and Maxillofacial Surgery – AIIMS Delhi

- e) Appointed as PG thesis examiner for MDS Oral and Maxillofacial Surgery – AIIMS Raipur
- f) Appointed as PG thesis examiner for MDS Oral and Maxillofacial Surgery – AIIMS Jodhpur
- g) Appointed as PG thesis examiner for MDS Oral and Maxillofacial Surgery – CCS University, Meerut
- h) Course Coordinator – Workshop on Update on Plagiarism and Referencing conducted by Advanced Centre of Continuous Professional Development at AIIMS Rishikesh in April, July October 2020.
- i) Course Coordinator – Workshop on Medical Photography conducted by Advanced Centre of Continuous Professional Development at AIIMS Rishikesh on 27-28 July 2020.
- j) Appointed as Internal Examiner for question paper setting for MCh Trauma Surgery (Batch 2018) Theory Exam.
- k) Appointed as Internal Examiner for question paper setting for MDS (Oral and Maxillofacial Surgery) theory exam.
- l) PhD project titled – “Study of Multiplex panel of Cytokines, Chemokines and growth factors in saliva as diagnostic Biomarkers in patients with Oral

squamous cell carcinoma” sanctioned with a financial grant of Rs 5,00,000 (Rupees Five lakhs only)

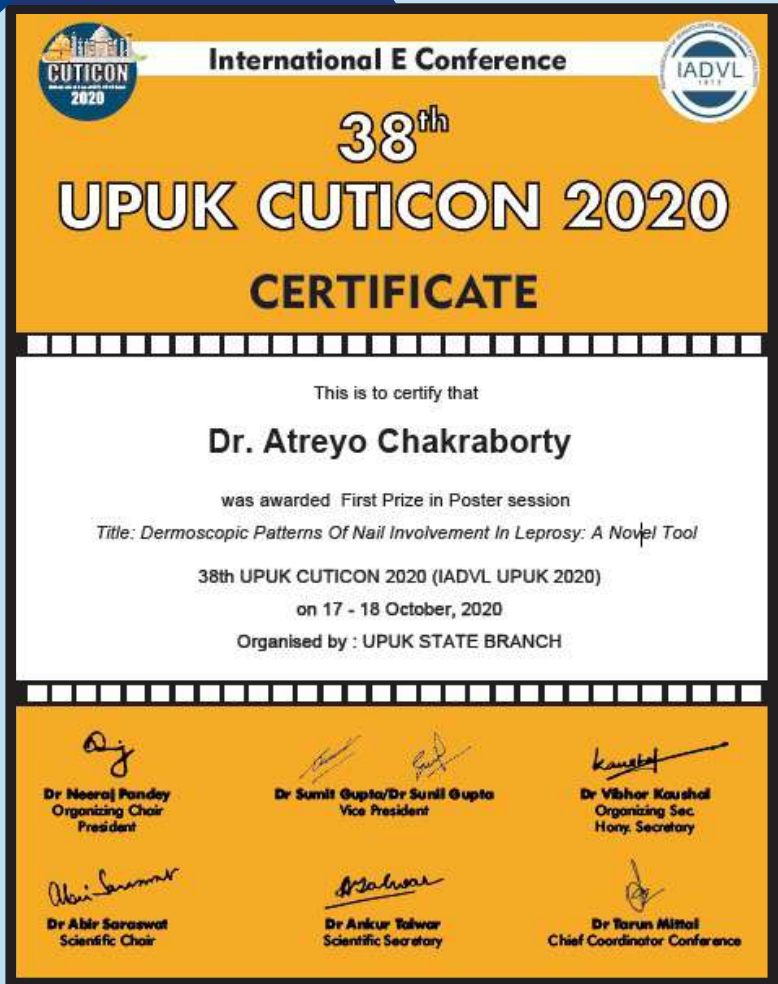
- m) Extra mural project titled “Capacity Building through HRRC’s and teaching Institutes to operationalize
- n) government guidelines for screening of common cancers (oral, breast and cervical) ICMR Task Force study” submitted to ICMR New Delhi as co-investigator
- o) Submitted Extramural research project titled “A randomised controlled trial of cancer survivor as patient navigator in locally advanced head and neck carcinoma patients receiving radical chemoradiation “ to ICMR New Delhi as co-investigator.

**Dr. Ashutosh Dixit**  
**Associate Professor**

- 1 **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

External examiner for MDS Periodontology exams at Seema Dental College, Rishikesh

**DEPARTMENT OF  
DERMATOLOGY  
VENEREOLOGY  
AND LEPROSY**



**International E Conference**

**38<sup>th</sup>**

**UPUK CUTICON 2020**

**CERTIFICATE**

This is to certify that

**Dr. Atreyo Chakraborty**

was awarded First Prize in Poster session

*Title: Dermoscopic Patterns Of Nail Involvement In Leprosy: A Novel Tool*

38th UPUK CUTICON 2020 (IADVL UPUK 2020)

on 17 - 18 October, 2020

Organised by : UPUK STATE BRANCH

*Dr. Neeraj Pandey*  
Dr Neeraj Pandey  
Organizing Chair  
President

*Dr. Sumit Gupta/Dr. Sunil Gupta*  
Dr Sumit Gupta/Dr Sunil Gupta  
Vice President

*Dr. Vibhor Kaushal*  
Dr Vibhor Kaushal  
Organizing Sec  
Hony. Secretary

*Dr. Abir Saraswat*  
Dr Abir Saraswat  
Scientific Chair

*Dr. Ankur Talwar*  
Dr Ankur Talwar  
Scientific Secretary

*Dr. Tarun Mittal*  
Dr Tarun Mittal  
Chief Coordinator Conference



Jan Andolan Pledge ceremony -  
Vigilance week

## 8.10 Dermatology, Venereology and Leprosy

To promote first-rate integrated health care for patients with skin disease through comprehensive teaching programs, systematic research and implementation of world-class holistic medical care. Highest level of innovative and evidence based dermatological care with simultaneous commitment to continuing professional development and education.

Department has following faculty members –

Sl.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Dr. Neirita Hazarika	Additional Professor & HOD
2	Dr. Naveen Kumar Kansal	Associate Professor
3	Dr. Riti Bhatia	Assistant Professor

### I) Departmental activities :

#### 1. Academic

##### Undergraduate

Undergraduate classes occurs twice in a week- Thursday, Saturday

Theory and clinical classes are taken in 6th and 7th semester- biweekly theory lectures, clinical classes

(2 postings of three weeks duration, one each in 6th and 7th semester)

part of this training was taken in an online platform due to COVID-19 scenario

Apart from this, as part of internship programme, dermatology is an elective posting of 15 days.

##### Postgraduate

Currently, 4 batches of Post graduate trainees with 15 students are in the Department.

Following academic classes are running every week

Name of class	Day	Total no. of class in last year
Clinical Case Conferences	Monday	19
Seminar	Tuesday	34
Dermatopathology discussion	Wednesday	28
Journal club	Thursday	34

#### 2. OPD Services

OPD services are running every day except Sunday. Total 10,101 patients benefitted from OPD services rendered by the department, during last year.

#### 3. IPD Services

28 admissions till 31st March 2021, mainly for dermatological emergencies.

#### 4. Health awareness/ educational activities organized by department (1st April 2020 to 31st March 2021)

Jan Andolan for COVID-19 from Department of Dermatology, Venereology & Leprosy was observed on 14th Oct 2020. The pledge was taken by the department to create awareness about COVID-19.

#### 5. New initiative of department

- Telemedicine and E- Sanjeevani app for online consultation has been started in the department. The objective is to provide quality dermatological consultation online. Seeing the current situation this facility has benefitted many patients seeking dermatology advice, bringing the services at their doorstep.
- 83 patients have consulted through E-Sanjeevani till now.
- Online consultation via app CallDoc was also provided
- Around 100 patients have benefited from telemedicine till now.
- Many of the patients also consulted our Junior Residents on personal basis in the covid scenario. This helped the patient to have a quality consultation at their homes and continuing of their treatment.

#### 6. Other activities / achievement by Department

- Dr Atreyo Chakraborty:- won 1st prize in Poster session for Dermoscopic Patterns of Nail Involvement In Leprosy: A Novel Tool at 38th UPUK CUTICON 2020.

- b) Dr Hijam Melanda:- won 1st prize in National 3D quiz for Final Year PG Residents organized by Mankind and Bangalore Medical College.

#### 7. Future plan

To broaden the reach to the patients by further improving and promoting the virtual consultation, so that world-class holistic medical care can be provided to the patients at their homes in a safe environment. The patients can avoid unnecessary travel and crowded places keeping in mind the concept of Staying Safe. The department also plan for initiation of LASER therapy.

#### II) Faculty activities :

##### Dr. Neerita Hazarika

##### Additional Professor & HOD

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

##### Guest Lecturer

- a) Judge at Poster presentation. CUTICON UP & UK 2020 held on the 17th 18th October 2020
- b) Non-Infective Atypical Ulcers, 6th Dec 2020, WOUNDCON 2020
- c) Treatment of Leprosy & Newer Drugs: An Update at State level CME on Leprosy Update 2021 on the occasion of World Leprosy Day on 28th January 2021

##### Dr Naveen Kumar Kansal

##### Associate Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Invited Faculty: 'Panelist' and 'Chairperson': The Virtual Conference- "MID DERMACON 2020", the 8th Mid Annual National Conference of IADVL, India, 29th-30th August 2020.
- b) Invited Faculty: 'Panelist': "DermaVARTA - Acne & PCOS, Uttarakhand" organised by IADVL, Dehradun, 8th August 2020.

##### Dr Riti Bhatia. Assistant Professor.

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Invited as National faculty Panelist in DERMACON, 49th Annual Conference of the Indian Association of Dermatologists, Venereologists and Leprologists (IADVL) for the session Panel Discussion: Contact Sensitivity is not always Eczematous in Clinical Presentation held on 7th Feb 2021

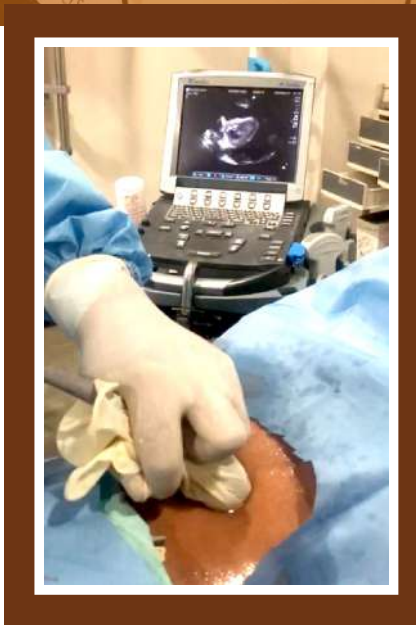
2. **Awards & honours received**

Awarded Best Letter to the Editor, IJDVL, 2020 for the following research article-

Khandpur S, Bhatia R, Bhadoria AS. Narrow-band ultraviolet B comb as an effective home-based phototherapy device for limited or localized non-segmental vitiligo: A pilot, open-label, single-arm clinical study. Indian J Dermatol Venereol Leprol. 2020; 86(3) : 298-301. doi: 10.4103/ijdv.IJDVL\_476\_19.



# DEPARTMENT OF EMERGENCY MEDICINE & TRAUMA



## 8.11 EMERGENCY MEDICINE & TRAUMA

Emergency Medicine is a new academic discipline for India. The Medical Council of India formally recognized it in 2009. Hospitals and medical colleges across our country are now mandated to have full-fledged Departments of Emergency Medicine staffed by qualified Emergency Clinicians who can provide Quality Emergency Care. The department in our institution was established in 2012 with appointment of 4 faculty members. Under the leadership of Honourable Director Professor Ravikant sir, our department developed and has grown last year to the strength of 7 faculty members with head of department Dr. Quamar Azam, 3 senior residents, 19 academic junior residents and 8 non-academic junior residents. Round the clock emergency services were started in April 2017. The Department is running our academic program of M.D. since January 2019 and two PDCC courses in Emergency Medicine and Emergency Trauma Anaesthesia are approved recently. Our field is based on the knowledge and skills required for

the prevention, diagnosis and management of acute and urgent aspects of illness and injury affecting patients of all age groups with a full spectrum of undifferentiated physical and behavioural disorders. Our Emergency Medicine Department at AIIMS Rishikesh strives to:

- Provide High Quality and Low-Cost Emergency Healthcare in a spiritually enriching environment.
- Provide State-of-the-art education and mentorship to the future emergency physicians.
- Grow as a Centre of Excellence and Leader for nurturing the Science of Emergency Medicine,
- Nationally and Internationally
- Become the Flag-bearer of the ideology: "Quality Emergency Care for All"

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Prof Quamar Azam	Professor & Head
2	Dr. Nidhi Kaeley	Associate Professor
3	Dr. Bharat Bhushan Bhardwaj	Assistant Professor
4	Dr. Ankita Kabi	Assistant Professor
5	Dr. V. Nagasubramanyam	Assistant Professor
6	Dr. Poonam Arora	Assistant Professor
7	Dr. Naman Agrawal	Assistant Professor

### I) Departmental activities :

#### 1. Academic

Postgraduate teaching in the form of seminars, journal clubs, case presentation, clinical rounds and monthly formative assessment. Skill improvement using simulation lab of institute. MBBS teaching in the form of interactive discussion.

#### 2. OPD Services

For patients presenting to emergency, an E-OPD card is made after triaging. Accordingly they are managed, relevant diagnostics were sent and therapeutic interventions were performed. The disposition of the patients is determined after stabilization and alleviating emergent signs and symptoms.

#### 3. IPD Services

Patients are provided emergency services till their disposition

#### 4. Health awareness/ educational activities organized by department

Due to COVID Pandemic no health awareness campaigns organized by department.

#### 5. CME/ workshop/ conference/training organized by department

Due to COVID Pandemic no CME organized by department.

#### 6. New initiative of department

Started a 2 year diploma course in emergency medicine especially for medical officers of state of Uttarakhand so this will be helpful in improving their skills

emergency management and will further strengthens emergency services at remote areas.

**7. Any other activities / achievement by Department**

Emergency medicine department is one of the core department which was actively involved in various administrative modifications happened during COVID Pandemic. Entire department is converted to an ICU to cater sicker COVID patients so that helps institute to cater this category of patients effectively.

**8. Future plan**

To develop dedicated fully equipped ICU and HDU under department of Emergency medicine department. To equip all the beds of emergency medicine department to equip with ventilator. To make further collaborations with institutes across world to improve research activities and academic activities at department.

**II) Faculty activities :**

**Dr V Nagasubramanyam**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Participated as a moderator for session during national conference E-EMINDIA 2020

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# DEPARTMENT OF ENDOCRINOLOGY



## 8.12 ENDOCRINOLOGY

Administrative separation of the Department of Endocrinology from the department of General Medicine occurred in December 2019.

Mission statement: Our mission is to develop into a center of excellence for endocrine care by providing comprehensive and holistic endocrine care for common and rare endocrine disorders with a focus on providing patient centric care of the highest standard.

- **Patient management:** Our first focus is providing state of the art patient management and to this end we aim to start specialized clinics for in-depth management of disorders such as bone health, pituitary disorders, adrenal disorders, obesity, gestational diabetes mellitus, type 1 diabetes mellitus, inherited endocrine cancer syndromes and long-term endocrine effects of cancer treatment. Diabetes and obesity are particular areas where we are trying to improve public awareness and also act as advocates for patient health and financial and administrative support at the government level. We also aim to enhance diabetes care in the region with a focus on providing effective patient education, follow up and complication screening. We target to

provide affordable high quality diabetes care with availability of insulin and glucose monitoring devices for all along with high end technological innovations such as insulin pumps, continuous and flash glucose monitoring systems. We also aim to streamline and strengthen new-born screening for congenital hypothyroidism and timely referral in the state.

- **Diagnostic facilities-** In the coming years we target to build up the diagnostic testing facilities offered by the department with the inclusion of DEXA machine for bone health assessment, a comprehensive array of endocrine laboratory investigations and dynamic endocrine tests and molecular genetic testing for endocrine disorders.
- **Education and research-** We are currently offering a post-doctoral certificate one year course in pediatric endocrinology and a 3-year DM course in Endocrinology. We also envisage building up the research output of the department with collaborations with other departments within the hospital and both national and international endocrine centers with a focus on metabolic research.

Department has following faculty members –

Sl. No.	Name of Faculty	Designation
1	Dr Kriti Joshi	Assistant professor
2	Dr Kalyani Sridharan	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities

Department academic activities: Departmental academics in the form of seminar topic presentations, case presentations and journal clubs by residents happen twice in a week.

No of case presentations : 14

No of seminar topics presented : 15

No of journal clubs : 06

#### 2. Faculty classes:

- Insulin pump therapy and CGM monitoring by Dr Kriti Joshi
- Research Methodology: 5 sessions by Dr Kalyani Sridharan

3. UG Classes : 02

#### 4. PG classes: None

- Paediatrics
- Medicine

#### 5. Inter-AIIMS academic classes for residents:

Once in 2 months academic sessions conducted by endocrine department of AIIMS Jodhpur and involving other peripheral AIIMS like Rishikesh, Bhopal, Bhubaneshwar and Patna are being conducted from

#### 6. Faculty sessions by Visiting Professor:

2 talks were delivered by the Visiting Professor of Endocrinology Dr Sanjay Kalra in the last academic year

## 2. OPD Services

During COVID 19 OPD was seen in screening area. Currently however, it is restarted as per the following schedule:

OPD/Clinic	Day and time	Faculty in-charge
General Endocrinology Adult	Monday and Wednesday; 9am	Dr Kalyani Sridharan
Pediatric Endocrinology	Thursday; 9am	Dr Kriti Joshi (presently Dr Kalyani)
Diabetic Foot and Obesity clinic	Tuesday; 2pm – 4pm	Dr Kalyani Sridharan

**No of OPD cases seen in last academic year : 759**

## 3. IPD Services

An Endocrinology ward with initially 20 beds were allotted for the department. However, due to COVID 19 requirements, the bed capacity had been lowered.

No of IPD admissions in the dept over last year: 96

No of referrals seen from other departments in the last year: 844

### Diagnostic tests done:

- ACTH stimulation tests done: 60
- Water deprivation tests done: 05
- Diagnostic fast (both 72 hr and extended OGTT): 04
- Growth hormone stimulation test done: 02

## 4. Health awareness/ educational activities organized by department

Patient support program for type 1 DM patients organized on World Diabetes Day 2020 (organized on 9th November 2020)

## 5. CME / workshop / conference / training organized by department

PG quiz program for residents of Pediatrics and General Medicine on the occasion of World Diabetes Day organized on 9th November 2020

## 6. New initiative of department

- Adult endocrine general OPD was started on two days a week after joining of new faculty last year
- Diabetes foot clinic and obesity clinic were started as a afternoon speciality clinic on one day a week since Feb 2021
- DM program was started in January 2021 session with joining of the first DM Endocrine resident

## 7. Future plan

- We propose to gradually build up our general adult and pediatric endocrinology patient base and then expand our patient services by starting more speciality clinics like gestational diabetes clinic, pituitary clinic, clinic for long term endocrine effects of cancer therapy etc.
- We are also in the process of acquiring DXA scan for bone mineral density assessment which would again help in patient care.
- We also envisage having an endocrine lab in the department with facilities for testing for various endocrine disorders on an in-house basis. This would greatly improve both quality and cost of testing and enable us to deliver optimal and timely patient care.
- With the start of the DM program in Adult Endocrinology, we aim to expand further in the recent future and start DM course in pediatric endocrinology and PDCC in Diabetes and metabolic medicine one year course as well.
- Another area of focus is to enable the department to have facilities for research and produce good quality research output from the department.

### II) Faculty activities:

**Dr Kriti Joshi**  
**Assistant Professor**

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- Panelist, Endocrine Hypertension Webinar on the topic "Hypertension in Children" -28th July, 2020

- b) Speaker Uttarakhand Cardiabcon 2020, 30th August 2020. Topic “Type 1 Diabetes in the COVID era: a paradigm change?”
- c) CME- Neurowebinar, session 24. Academy of Pediatric neurology with Indian Academy of Pediatrics & Endocrinology Chapter. Talk on Congenital hypothyroidism- impact on brain. 17th Sept 2020
- d) Faculty, Endocrine Society of India: Endocrine week- National conference.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Pediatric Diabetes Update 20th -22nd Nov 2020. Organised by ISPAD & ISPAE. Speaker on topic “Prevention of type 1 diabetes”

**3. Awards & honours received**

Associate editor for Pediatric Diabetes, fresh term Jan 2021-Jan 2024. Official journal of ISPAD (International Society for Pediatric and Adolescent Diabetes), 2020 IF- 4.8.

**Dr Kalyani Sridharan**

**Designation: Assistant professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

S.No	Date	Name of Program	Participated as	Topic of talk
1	22-08-2020	Voice of Endocrinology	Speaker	Indian innovation in Endocrinology in adrenal medicine
2	03-10-2020	Obesity India 2020	Speaker	Metabolic Inflexibility in NAFLD
3	17-11-2020	Endocrine week 2020 (Endocrine Society of India National conference)	Co-organising member	
4	17-01-2021	ESI-SAFES Day program	Speaker	Challenges to post-partum weight loss
5	26-05-2021	Endotext Obesity Webinar	Speaker	Case presentation on challenging case of obesity
6	12-06-2021	COVID-19, Mucormycosis and diabetes: A multidisciplinary expert conclave	Speaker	Medical management of Mucormycosis
7	20-06-2021	Endocrine Society of India-St John’s Medical college, Bangalore: Research Methodology workshop for DM residents	Judge	Journal club presentation by residents

# OTORHINOLARYNGOLOGY (E.N.T)





## 8.13 OTORHINOLARYNGOLOGY (E.N.T)

Main mission is to establish a centre of excellence in medical education, training, health care and research imbued with scientific culture, compassion for the sick and commitment to serve the underserved.

The department of ENT came to its existence in march 2013 when Dr. Saurabh joined as professor & Head in the department on 19.03.2013. In April 2013, Dr. Manu Malhotra joined the department as Assistant Professor. Presently, the following faculty member are working in the department: -

### Milestones

<b>19.03.2014</b>	Department Started
<b>27.05.2014</b>	E.N.T OPD services started (06 Days a week facilities to diagnose and and treat all E.N.T & Head neck Diseases. Rigid – Nasal /Laryngeal and Otoendoscopy available flexible video Laryngoscope available)
<b>30.12.2014</b>	E.N.T IPD services started (Separate ENT ward)
<b>20.06.2014</b>	E.N.T. OT services started Performing- Micro Ear surgery, Micro Laryngeal surgery (MLS), Endoscopic Sinus Surgery (FESS), besides all routine E.N.T. & Head neck surgeries including oncosurgery and TORS
<b>06.08.2014</b>	E.N.T. Audiology Laboratory started- Pure Tone Audiometry (PTA), Tympanometry and Oto Acoustic Emission (OAE- TEOAE screening), BERA with ASSR
<b>12.05.2016</b>	Cochlear Implant Programme started First Cochlear Implant Surgery performed
<b>01.07.2016</b>	Post graduate courses MS (ENT) Started with 2 MS (ENT) candidates (July 2016)
<b>06.11.2016</b>	1st CME on Premalignant Conditions of Oral Cavity
<b>2018</b>	4 Station Temporal Bone Lab functional under National Programme of Prevention & Control of Deafness (NPPCD).
<b>2019</b>	TORS (Trans Oral Robotic Surgery) started
<b>2020</b>	MCh in Head-Neck Surgery Started

### Plans

Rehabilitation unit- speech & hearing (r.u.s.h): Rehabilitation Unit Speech & Hearing fully equipped with the diagnostic and therapeutic equipment like Pure Tone Audiometer, Impedance Audiometer, Speech analyser, Hearing aid analyser, Optoacoustic Emission Analyser and BERA/ASSR etc. Centre to provides rehabilitative services for the Hearing Impairment, Speech problems and post-Laryngectomy speech disabled. Centre to have ear mould fabrication lab also.

Emergency services: Life saving procedures on tracheobronchial tree, foreign bodies removal, trauma etc., besides all other ENT & Head neck emergency services provided in emergency 24 hrs x 7 days.

### Speciality clinics:

- Vertigo/ Neurotology Clinic Vertigo/ Neurotology services which includes diagnosis and treatment of patients with balance disorders, facial nerve disorders etc. Hearing loss caused by inner ear damage and tumours of the ear and related structures.
- Head neck Tumours Clinic Services for diagnosis and treatment of patients with head neck Tumours.
- Rhinology Clinic Services include diagnosis and treatment of patients with diseases of nose & Paranasal sinuses (PNS)
- Voice Clinic Service includes diagnosis treatment and rehabilitation of patients with voice / speech disorders, Speech / language assessment and therapy, dysphagia testing with therapy and augmentative alternate communication therapies for those who cannot speak.
- Otology Clinic for evaluation and Treatment services for ear diseases, balance, tinnitus and hearing problems. Services offered includes, basic audio logic testing, hearing aid recommendations and fittings.
- Skull base Clinic A multidisciplinary team approach to plan and perform surgery for tumours of the skull base. The utilization of innovative approaches will enable the resection of otherwise difficult to approach lesions.

Temporal bone laboratory: 4 station fully equipped temporal bone lab for dissection of temporal bone for the training of the residents

**Department has following faculty members –**

Sl.No.	Name of Faculty	Designation
1	Dr. Manu Malhotra	Additional Professor & Head
2	Dr. Madhu Priya	Associate Professor
3	Dr. Amit Kumar Tyagi	Assistant Professor
4	Dr. Amit Kumar	Assistant Professor
5	Dr Abhishek Bhardwaj	Assistant Professor
6	Dr. Bhinyaram	Assistant Professor

**I) Departmental activities:****1. Academic activities**

MBBS

Lectures– 30, Clinical Posting - 50

MS (ENT)

Seminar/Journal Club/ Case discussion etc - 100

M.Ch - 46

**Others**

a) Organized Webinar on “Hearing care for all” on world health day on 3rd March, 2021.

b) Started MCh Head-Neck Surgery Course in 2020.

**2. OPD Services**

7478 patients (number of patients seen in ENT OPD requiring specialized test). Other than this, many patients were seen in common screening OPD during COVID-pandemic as per standard institutional protocol.

**3. IPD Service : 211 patients**

IPD Admission were markedly restricted as per institutional norms during COVID-19 pandemic.

**4. Diagnostic Service**

a) Minor Procedures- 687

b) Audiological tests – 3370 (PTA, IA/ETF, Speech audiometry, OAE, GLYCEROL TEST, ECog, FFA, BERA, ASSR, Speech therapy)

**5. Major/Minor OT Servic**

General Anaesthesia – 129 procedures

Local Anaesthesia – 14 procedures

Total number of ENT surgeries were markedly restricted due of COVID-19 pandemic. Only emergency/urgent cases were performed as per institutional norms.

**6. Health awareness/ educational activities organized by department**

Organized Webinar on “Hearing care for all” on world health day on 3rd March, 2021.

1. World Deafness Day Webinar on 27th Sept2020.

**7. CME/ workshop/ conference/training organized by department**

a) Organized Webinar on “Hearing care for all” on world health day on 3rd March, 2021.

b) World Deafness Day Webinar on 27th Sept2020.

**8. Other activities / achievement by Department**

a) Cochlear Implantation – 2 surgeries

b) All faculty & residents involved in COVID management.

**9. Future plan**

a) Further academic evolution of MCh Head-Neck Surgery Program.

b) Establishment of allergy clinic (diagnostic & therapeutic)

c) To develop a dedicated centre for head and neck cancer.

d) Comprehensive Cochlear Implant Centre

e) Outreach Rural Serves – The department plans to provide a comprehensive ENT service at the rural areas of Uttarakhand and nearby states of north India.

f) Audiology & Speech Language courses – DHLS/BASLP/MASLP/Ph.D

**II) Faculty activities :**

**Dr Manu Malhotra**  
**Additional Professor**

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

1.	Advanced Trauma & Care for Nurses, AIIMS-Rishikesh, UK	Instructor	11-12 June 2020
2.	Advanced Trauma Care for Nursing, AIIMS-R	Instructor	July 2020
3.	Lecture on causes of deafness. Webinar on Deafness. Organized by Indian Journal of Otology.	Faculty, Lecture	13th May 2020
4.	Organized Webinar on "Hearing care for all" on world hearing day.	Organizing chairperson & moderated a panel discussion	3rd March, 2021
5.	Advanced Trauma & Life Support provider course, AIIMS-Rishikesh, UK	Instructor	7-9 Jan 2021
6.	COVID Protocols for Airway	Instructor	April 2020
7.	Webinar on Deafness organized by Indian Journal of Otology.	Lecture	13th May 2020
8.	ATLS, AIIMS, Rk	Instructor	7-9th Jan 2021
9.	World Deafness Day Webinar	Organizing Chairperson	27th Sept2020

### 2. Awards & honours received

- Associate fellow of American College of Surgeons.
- Membership of National Academy of Medical Sciences.
- Awarded certificate of excellence in reviewing by Indian Journal of Otology, Walters Kluwer-Medknow.
- Certificate of Honour for Corona Warrior by Khyati Education & Research Foundation.

#### Dr Madhu Priya Associate Professor

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- Organizing Secretary Panellist for "Webinar" on world hearing day 3. 3. 2021. Theme: Hearing care for all! Screen, Rehabilitate, Communicate.
- Resource person-Training program of Medical Officers under "National Programme for the Prevention and Control of Deafness (NPPCD)" Program.
- Panellist- "World Deaf Day- 27.09.20".

#### Dr AK Tyagi Asistant Professor

### 1. Participated in National CME / conferences / workshops / trainings (As Guest

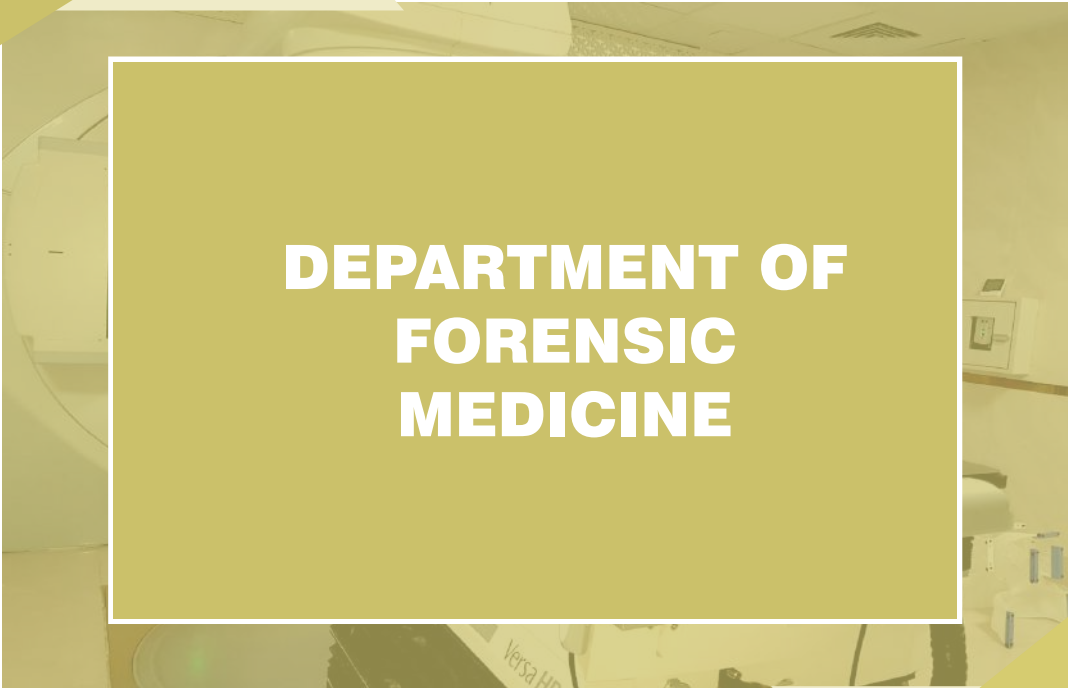
### Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- Trainer for "ENT Care for PHC and UPHC Medical Officers" under NHRSC (Ministry of Health and Family welfare) held on 24th March 2021.
- Panellist for webinar "Hearing loss: Screen, Rehabilitate, communicate" held on 3 March 2021 (World Hearing Day) at AIIMS Rishikesh.

#### Dr Amit Kumar Assistant Professor

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- Panellist for webinar "Hearing loss: Screen, Rehabilitate, communicate" held on 3rd March 2021 (World Hearing Day) at AIIMS Rishikesh.



## 8.14 FORENSIC MEDICINE

The department of Forensic Medicine and Toxicology is located at the 4th level of the Academic Block of the institute. The department is engaged in teaching medical students by providing hands-on experience and modern teaching modalities. It is well equipped with models, specimens and charts to provide best learning experience to students and enhance their creativity. Apart from this, the department provides a favorable environment for scientific research. The department dedicatedly caters medico legal services to the community.

### Vision statement

- To gain excellence and integrity in Forensic Medicine by balancing the

emphasis on teaching, research and medico legal services.

- To develop a model center of excellence in the field of forensic pathology and allied branches of forensic science.

### Mission statement

- To produce competent physicians capable of providing medico-legal services without infringing medical ethics and principles.
- To provide the comprehensive medico legal service to community through innovative programme.

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Binaya Kumar Bastia	Professor & Head
2	Dr. Shailesh V. Parate	Associate Professor
3	Dr. Raviprakash Meshram	Associate Professor
4	Dr. Ashish R. Bhute	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities

##### Undergraduate teaching

Department is engaged in teaching 100 MBBS students each year for 1.5-year duration, as per prescribed curriculum. Regular monthly assessments examinations are conducted as per schedule. At the end of course final examination is conducted as per rules.

##### Objectives

- To impart knowledge about medicolegal duties of doctor in clinical practice and about conducting post mortems of commonly encountered cases.
- Medicolegal duties and general aspects of management of poisoning cases.
- Teaching medical ethics to undergraduate students.

##### Postgraduate teaching

Currently, 4 postgraduates are undergoing training for degree of MD in Forensic Medicine and Toxicology.

### Objectives

- To impart knowledge about medicolegal duties of doctor in clinical practice.
  - Conducting post mortems of different types of cases.
  - Medicolegal duties and general aspects of management of poisoning cases and management of clinical Forensic Medicine cases.
  - Analytical toxicology methods.
  - To impart knowledge about research methodology in Forensic Medicine.
- Two students pursuing PhD in department of Forensic Medicine.

#### 2. OPD Services

Medicolegal autopsies conducted - 409  
Clinical Forensic Medicine cases - 183 attended

#### 3. New initiative of department

Department preparing to start DM course in Forensic Radiology.

#### 4. Future plan

Department is planning to start non-incisional autopsy. (Virtual autopsy)

II) Faculty activities:

**Dr. Binaya Kumar Bastia**  
**Professor & Head**

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Visiting faculty to Police Training Academy, Narendra Nagar, Uttarakhand.
  - b) Guest faculty for training of Public Prosecutors Narendra Nagar, Uttarakhand.

**Dr. Shailesh V. Parate**  
**Associate Professor**

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Resource faculty in college of nursing AIIMS, Rishikesh for topic Medicolegal autopsy.

**Dr. Raviprakash Meshram**  
**Associate Professor**

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest**

**Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Visiting faculty to Police Training Academy, Narendra Nagar, Uttarakhand.

**Dr. Ashish R. Bhute**  
**Assistant Professor**

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Resource Faculty for Workshop on Professionalism, Interpersonal Relationship, Communication Skills and Ethics in AIIMS Rishikesh.
  - b) Resource Faculty for Faculty Development Workshop on Medical Education Technologies in AIIMS Rishikesh.
  - c) Resource Faculty for Medical Photography, Videography and Editing in AIIMS Rishikesh.
  - d) Delivered lectures in Police Training Centre, Narendra Nagar
  - e) Conducted training of MPH Students about Importance of Film making and Video Editing for Public Health in Department of CFM.

# DEPARTMENT OF GENERAL SURGERY



## 8.15 GENERAL SURGERY

Department of Surgery is a centre for undergraduate & postgraduate teaching, patient care and research at All India Institute of Medical Sciences, Rishikesh. The Department is committed to providing the highest quality of medical care to patients, world class education for students and continuing innovative basic science and clinical research.

### Core competencies of the Department

A well experienced team in the department which demonstrates:

- Commitment towards the patients, medical and nursing students, profession and community through ethical practice.
- Integrate new learning methods into practice.

- Have surgical knowledge and skills which are appropriate to their level of experience.

### Thrust areas of the Department

#### 1. Patient Care:

- Collaboration and Teamwork.
- Communication skills & soft skills.
- Responding to health needs of the community.

#### 2. Teaching:

- To provide an intellectually stimulating environment to motivate and inspire students in their quest for knowledge.

#### 3. Research:

- Multidisciplinary research

### Department has following members –

Sr. No.	Name of Faculty/SR/JR	Designation
1.	Dr. Somprakas Basu	Professor & Head
2.	Dr. Amit Gupta	Additional Professor
3.	Dr. Farhanul Huda	Additional Professor
4.	Dr. Navin Kumar	Assistant Professor
5.	Dr. Deepak Rajput	Assistant Professor
6.	Dr. Sudhir Kumar Singh	Assistant Professor

### I) Departmental activities:

#### 1. Academic

##### Undergraduate

- Didactic lectures
- Simulation lab modules
- Student seminars
- Integrated teaching
- Evening classes
- OPD & ward teaching

##### Postgraduate

- Seminar
- Journal club
- Case presentation
- Grand rounds
- Mortality meet

#### 2. OPD Services

- General Surgery
- Colorectal clinic
- Hepato-Pancreato-Biliary clinic

#### 3. IPD Services : General Surgery

#### 4. Major/Minor OT Services

- Robotic surgeries: gall bladder, ventral hernias
- Laparoscopic surgeries: gall bladder, appendix, ventral hernias
- Open surgeries: Upper GI, Colorectal, HPB surgery
- Wide local excision of soft tissue tumor
- Varicose vein surgery
- Emergency laparotomies for perforation and obstruction
- Debridement, Incision & Drainage, Excisional biopsy, Amputations- major and minor

#### 5. Special Clinics:

- Colorectal clinic
- HPB clinic

#### 6. New initiative of department

- Surgical skill lab



- b) M.Ch Minimal Access Surgery and General Surgery course

### 7. Other activities / achievement by Department

- a) Outreach camp to Narayankoti, Pipalkoti and Jolly Grant Airport
- b) Ward teaching of undergraduate students of Seema Dental College

### 8. Future plans of department

- a) Multispeciality wound clinic
- b) Colorectal lab
- c) Pelvic floor center
- d) Bariatric surgery
- e) Fellowship in Coloproctology

## II) Faculty activities :

### Dr Somprakas Basu Professor & Head

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

### FACULTY

- a) Member of Expert panel in Webinar on "Research methodology for Surgeons", 28 August 2020, Advanced Laparoscopic Center and Hernia Clinic, Dhaka, Bangladesh.
- b) Chairperson in Scientific session at SELSICON & IHSCON 2020. October 30-31, 2020
- c) Chairperson in Scientific session AMASICON 2020. (Virtual). November 20-22, 2020
- d) Panel of Judges at Best Paper Session. ASICON 2020 (Virtual). December 19, 2020.
- e) Panellist in "Gallstones: diagnosis and surgical intervention". Section: Surgery and surgical specialties program. 95th IMA NATCON (Virtual). 27th December, 2020.
- f) Chairman, Recruitment scrutiny committee, AIIMS Rishikesh September 2020
- g) Chairman, Medical examination board, AIIMS Rishikesh September 2020.
- h) Resource faculty, MBBS student orientation program. January 2021.

## 2. Awards & honours received

- a) Conferred Fellow of Royal College of Physicians & Surgeons of Glasgow, 2020.
- b) Global alumni ambassador, Cardiff University. June 2020
- c) Member, Professional Practice Research Committee. Association of Advancement of Wound Care. January 2021
- d) External reviewer (project evaluation), Technology Innovation Hub (TIH), National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), IIT Roorkee. January 25 & 27, 2021.
- e) National panellist, VAIBHAV summit, Government of India. October 2020.

## 3. Workshop \ Conference \ CME Organized

- a) Invited Member, Research Assessment Cell, AIIMS Rishikesh, May 2020
- b) Resource faculty, MBBS student orientation program. January 2021.

### Dr Amit Gupta Additional Professor

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Delivered a talk as invited National faculty on Laparoscopic IPOM on 04.06.2020 in joint webinar of SELSI and IHS
- b) Delivered a talk on training and credentialing in Robotics and was judge in paper/video in virtual National conference of CRSA 2-4th October 2020
- c) Invited as National faculty in 13th SELSICON and 12th IHSCON 2020 (virtual) -judge in oral competitive papers and chaired a session in live operative workshop on 31.10.2020
- d) Invited as National faculty and chaired a session on surgical management of GERD in SURGICON by AIIMS New Delhi on 6-8th November 2020
- e) Invited as National faculty session in SCOPE 2021 chaired a session on early breast cancer and examiner in clinical grand round for post graduates on post-operative chest infections 7-10th January 2021, New Delhi

- f) Invited as National faculty in LHMC Surgery update on 30th January 2021 as examiner for case presentation by post graduates, New Delhi
- g) Invited as National faculty in session of obstructive jaundice for PG masterclass organized by department of Surgery IMS, BHU Varanasi under aegis of UP Chapter of ASI on 6-7th February 2021
- h) Invited as subject expert in OSCE item writing workshop on 7-8th February 2021 at New Delhi by National Board of Examination

## 2. Awards & honours received

- a) Invited as National faculty and chaired a session in 3rd International Indo UK Surgicon on 15-16 October 2020
- b) Program director for Indo-US webinar jointly organized by Journal of Carcinogenesis, All India Institute of Medical Sciences, Rishikesh India and Carcinogenesis Foundation, Houston USA on World cancer day 4th February 2021
- c) Program director for Indo-US webinar jointly organized by Journal of Carcinogenesis, All India Institute of Medical Sciences, Rishikesh India and Carcinogenesis Foundation, Houston USA on Gall bladder cancer: Etiology to treatment on 13th February 2021

### Dr Farhanul Huda Additional Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

### FACULTY

- a) Expert Speaker Basic Laparoscopy Skills workshop (Online) August 28, 2020
- b) Course Coordinator and Resource Person Basic Surgical Skills Course October 8-9, 2020
- c) Course Coordinator and Resource Person Internship Orientation Program, February, 2021
- d) Guest Speaker, Dressers Skill Enhancement Program, January 23, 2021

- e) Guest Speaker, Dressers Skill Enhancement Program, February 6, 2021
- f) Resource Faculty, ASI National Skill Enhancement Program (NSEP-2021), 3rd February, 2021.
- g) Chairperson, LHMC Surgery PG Clinical Update, Lady Hardinge Medical College, New Delhi, 28-31st January, 2021
- h) Chairperson, 80th Annual conference of ASI, 2020 (Virtual ASICON), 17-19 December, 2020
- i) Instructor in American College of Surgeons' Advanced Trauma Life Support student course, AIIMS Rishikesh, 7-9 January, 2021.
- j) Chairperson, Scientific Committee, WOUNDCON 2020, Annual conference of Indian Society of Wound Management, 5-6 December, 2020.

## 2. Awards & honours received

- a) Best poster award, Woundcon 2020, Annual Conference of Indian Society of Wound Management, India. Co-Author.
- b) Best Paper Award, Woundcon 2020, Annual Conference of Indian Society of Wound Management, India Co-Author.

### Dr Navin Kumar Assistant Professor

## 1. Awards & honours received

- a) Best Paper Award, First prize at Woundcon 2020, Annual Conference of Indian Society of Wound Management, India. Author.
- b) Diploma in Minimal Access Surgery (HPB) from College of AMASI in 2020

### Dr. Deepak Rajput Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Participated as a Faculty in UPASICON 2020 held virtually from 5th – 6th December 2020.

**Sudhir Kumar Singh**  
**Assistant professor**

- 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Participated as guest lecture in NSEP 2021 Day-3 organized by ASI on 17th February 2021.

# DEPARTMENT OF GENERAL MEDICINE



## 8.16 GENERAL MEDICINE

Vision & Mission Statement: To develop a state of the art, internationally acclaimed department of internal Medicine. The Department of Medicine all Indian institute of Medical Sciences, Rishikesh has been a pioneer Department add this Institute of national importance since inception. The Department was established in 2013 and they started functioning its clinical services in 2014. This Department has been the cornerstone of clinical services in internal medicine and all allied sub specialities and remain the main source for deciphering services in the field of Cardiology, neurology, gastroenterology, nephrology and other medical sub-specialties till they started functioning as independent Department. The Department has been ranked as one of the best department at AIIMS Rishikesh, the Department

is structurally functioning as a single unit with multiple specialty clinics attached to individual faculty member. Various clinical services being delivered through its special clinics are diabetes, geriatrics, rheumatology, lifestyle diseases and infectious diseases. Department is having dietetics Attached to it both in OPD and IPD for dietary counseling and nutritional care of patients. Department is running general medicine OPD in the morning hours. The specialty clinics are being run in the afternoon. Between 2:00 to 4:00 PM the frequency of these clinics are wearing from weekly business to almost five days a week. The Department is envisioned to achieve few centers of excellence in various domains of clinical, research and academic

Department has following members –

Sl.No.	Name	Designation
1.	Dr. Minakshi Dhar	Additional Professor & Head of the Department
2.	Dr. Ravi Kant	Additional Professor
3.	Dr. Monika Pathania	Associate Professor
4.	Dr. Venkatesh. S Pai	Associate Professor
5.	Dr. Prasan Kumar Panda	Assistant Professor
6.	Dr. Mukesh Bairwa	Assistant Professor
7.	Dr Anirudh Mukherjee	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities

##### Undergraduate

The educational mission for the department is to cultivate future leaders in Medicine. At present the department is actively involved in the teaching of undergraduate medical students. The Medicine curriculum starts in the 3rd semester of the MBBS program and continues up to 9th semester.

##### Clinical Teaching

Students of three semesters are posted at a time in the department of medicine for learning the clinical skills, during the three hours of clinical class every day for each semester, the students are made to understand the cognitive basis of skills, these skills are demonstrated and finally they get an opportunity to practice these skills on patients under supervision.

### Lectures / Tutorials

The department has been allotted 4 Lectures & 2 tutorials per week for different semesters. The faculty in the department makes best effort to make these classes as interactive as possible. We are also arranging small group discussions and problem based learning sessions on a regular basis.

#### Table

Teaching schedule of undergraduates

SEMESTER	LECTURE
III	once per week
IV	once per week
V	once per week
VI	2 lectures(1 hr each) per week + 1 seminar/week
VII	2 lectures(1 hr each) per week + 1 seminar/week
VIII	2 lectures(1 hr each) per week+ 1 seminar/week
IX	2 lectures(1 hr each) per week

We have conducted five final professional examinations in the subject of Medicine till now, first one was held in November 2016. The external examiners are always from Institute of National importance. Examination is conducted in fair manner and under strict vigilance. Theory examination is based on Clinical Vignettes multiple choice questions which cover all the six domains of Bloom's Pyramid. Practical examination is OSCE (Objective Structured Clinical Examination) based. This has made assessment more objective and fair. Some students get detained because of short of attendance or less internal assessment. Department always makes an effort to improve the performance of these students who get detained because of short of attendance and takes extra classes for students.

### Internship Programme

Internship programme started from 1st Jan 2017. Students are posted in medicine department according to the Internship Rotation Programme. Interns are actively involved in patient care in IPD patients. They are taught the skills of basic management in wards and also trained in dealing with medical emergencies. Interns are put on emergency duties along with the Residents so that they have hands on dealing with emergencies as well. Interns are also posted in OPD along with residents so they learn the basics of OPD management. Interns are actively involved in departmental research activities. Weekly seminars are held for Interns and Residents in department for teaching purposes.

- Postgraduate/Doctoral courses
- Junior Residents: (Academic)
- Internal Medicine

Department started the Post-graduate (PG) programme with six new PGs in July'2017. Till now eight batches of post graduate students have joined the Institute. They are the backbone of our Institute with regards to the patient care, academics, and research. It is a six-semester based three-year residency programme.

There is a well-designed training schedule, including thesis evaluation, along with clinical and other academic teaching activities. Along with learning & practicing Good Clinical Practices they attend and present case presentations, seminars, mortality meets, and journal clubs (on rotation basis) under guidance by SRs/faculties.

Junior residents are active in research and are expected to present two posters, publish two papers and participate in various conferences during their residency.

Junior residents actively take part in quizzes. Residents have participated in and won national and international quizzes.

All presentations are assessed by all faculties and given scores as per proforma, which are updated 3 monthly in department notice board. After individual unit/department rotations, each PG is assessed by that unit faculties, scored as per proforma, and updated. MCQs (clinical vignettes) based exam of learned subjects at the end month of each month are being assessed.

### Geriatric Medicine

In 2020, department has started post graduate course in Geriatric Medicine with one post graduate student who joined in Jan 2020 and then 2 residents in July 2020 followed by 2 more residents in January 2021.

It is a six-semester based three-year residency programme. The department runs a special geriatric clinic twice weekly where residents learn the art of geriatric care. There's a 6 bedded geriatric cubicle dedicated to geriatric patients.

There is a well-designed training schedule, including thesis evaluation, along with clinical and other academic teaching activities. Along with learning & practicing Good Clinical Practices they attend and present case presentations, seminars, mortality meets, and journal clubs (on rotation basis) under guidance by SRs/faculties. Junior residents are active in research and are expected to present two posters, publish two papers and participate in various conferences during their residency.

All presentations are assessed by all faculties and given scores as per proforma, which are updated 3 monthly in department notice board. After individual unit/department rotations, each PG is assessed by that unit faculties, scored as per proforma, and updated. MCQs (clinical vignettes) based exam of learned subjects at the end month of each month are being assessed.

### Doctoral Courses:

#### DM Rheumatology

In 2020, we have started DM course in Rheumatology with two active senior residents in the department. Three more senior residents have joined in May 2021. The department runs a special rheumatology clinic twice weekly where residents learn the art of geriatric care. There's a 6 bedded rheumatology cubicle dedicated to rheumatology patients.

### DM Critical Care and Hospital Medicine

We have also started totally new course in DM – Critical Care and Hospital Medicine with two seats and currently we have two senior residents pursuing this course (Joined in May 2021). The department runs a 16 bedded medicine allied ICU where senior residents learn the skills of critical care. Senior residents of the department are also posted in COVID ICUs where they manage critically ill COVID patients.

### PDCC Geriatric Medicine

The department has started post-doctoral certificate course in geriatric medicine in

January 2019. Two residents have successfully completed the course. The department runs a special geriatric clinic twice weekly where residents learn the art of geriatric care. There's a 6 bedded geriatric cubicle dedicated to geriatric patients.

### PDCC Diabetes and Metabolism

The department has started Post-Doctoral certificate course in Diabetes and metabolism in January 2019. Two residents have successfully completed the course. The departments runs a special diabetes clinic twice weekly with an advanced diabetes lab.

In addition to this we have three PhD students in the department.

SESSION	No. of JR (Internal Medicine)	No. of JR (Geriatric Medicine)	No. of SR (DM Rheumatology)
JULY 2017	6 – course completed		
JAN 2018	8 – course completed		
JULY 2018	3		
JAN 2019	6		
JULY 2019	8		
JAN 2020	12	1	1
JULY 2020	10	2	1
JAN 2021	14	2	

## 2. OPD Services

Due to first wave of covid-19 pandemic, OPD cases were drastically decreased during this year.

No. of consultant/Doctors	: 07
Nursing officers	: 03
Hospital Attendant	: 03
Total no. of Rooms	: 10
OPD Consultation Room	: 07
Registration room	: 01
Nursing Room	: 01
Demonstration Room	: 00
Dietician Room	: 01

**OPD Timings:** 8:30 AM-4:00 PM

**General OPD (Registration) :** 8:00 AM-12:00 PM

All the patients registered on a day are examined and prescribed treatment the same day even after the working hours.

### Registration

All outpatients are registered in a registration counter at (revisit) OPD which functions

between 8:00 am and 12:00 PM, Monday to Saturday. New patients are registered at Main registration counter. All speciality clinic registration are carried out in same manner from 2:00 PM - 4:00 PM on their respective days.

### Facilities available

Anthropometric measurements (height, weight, BMI, Hip, Waist Circumference)

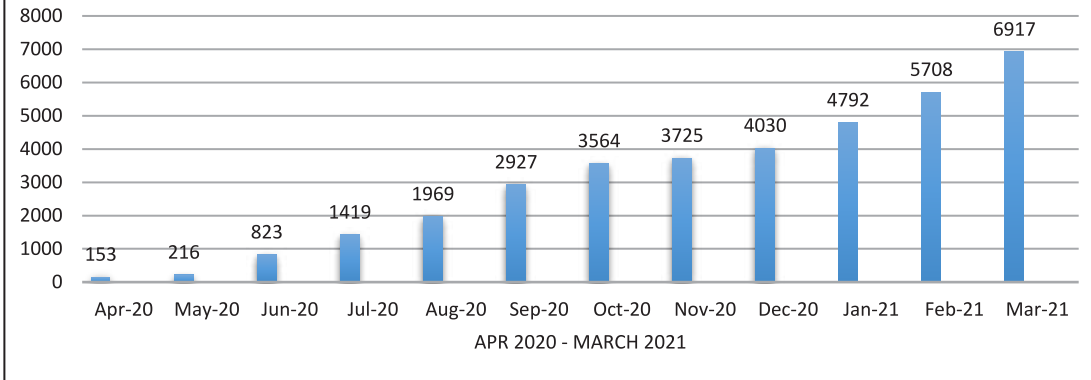
Vital sign: Pulse, Blood pressure, Temperature and other vitals monitoring. Blood glucose charting.

Counselling about treatment plan, investigations, Health education

### Dietary Services

The department provides dietary opinion in the OPD area by trained dietitians. Both inpatients and outpatients are provided dietary advice. This service is really helpful for patients with diabetes, hypertension, IBS, malabsorption syndromes, renal disease, liver disease and other conditions requiring specific diets.

### Patient Census for General OPD during the Year 2020-2021



#### Telemedicine Services

The department provides telemedicine services on working days. This helps patients living in remote areas and those who can't access healthcare because of the ongoing COVID pandemic. Specialty clinics also provide their services via telemedicine. Services are available both on call and via whatsapp messages. Patient complaints are evaluated and they are advised regarding further management. This has helped reduce need for physical OPD visits.

#### 3. IPD Services

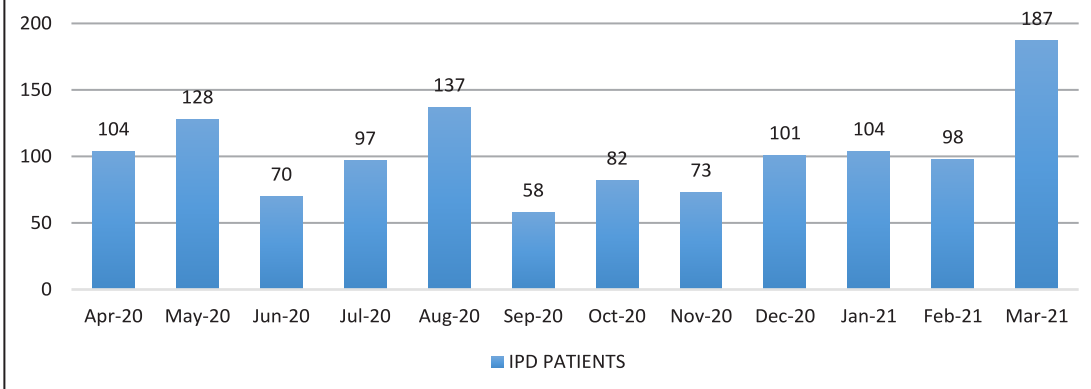
Indoor services of the department focuses on special care to all admitted patients.

Apart from general wards, we have designated areas specially for patients with special needs and for that reason patients are categorized in different groups for better outcome.

#### General Medicine ward

General Medicine ward was set up in the year 2013 to provide in patient medicine care. A wide variety of patients are admitted in the ward. Residents evaluate and manage the patients under the guidance of faculty. Due to the COVID pandemic, IPD services were affected as parts of the hospital were dedicated to COVID services.

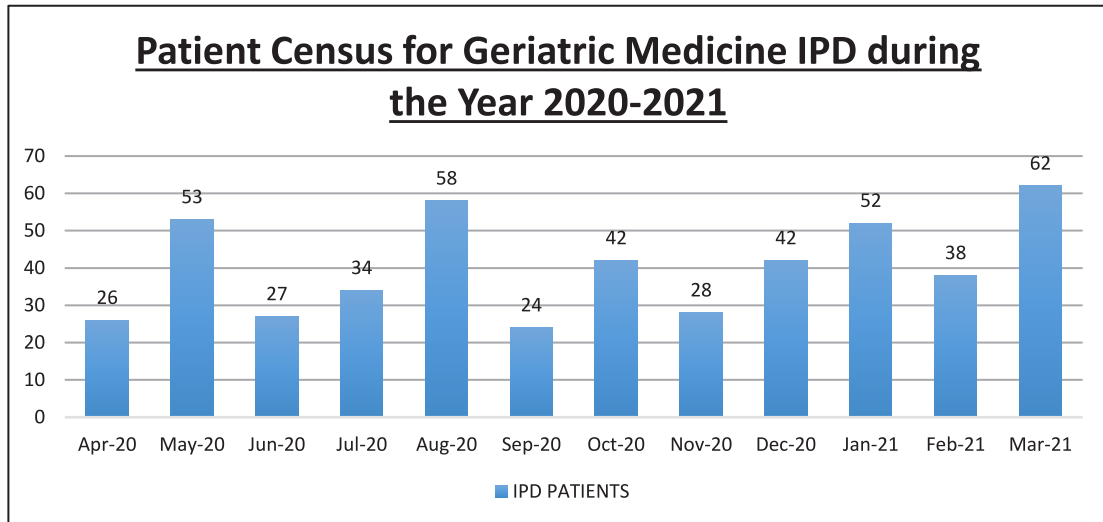
### Patient Census for General Medicine IPD during the Year 2020-2021





### Geriatric care ward

Geriatric ward was set up in the department in July 2018 with the purpose to have better patient care in this group of patients. Apart from doctors taking rounds of patients, daily rounds are taken by dietician and physiotherapist to take care of other needs of this special population apart from medications.



### Adult Infectious Disease ward

Six bedded Adult Infectious disease ward was started in the month of January 2020 for better management, curtailing infections and providing hospital census of Infectious Diseases (IDs) round the year. We are isolating all cases to three rooms as per type of precautions like contact, droplet and airborne precautions. Staff are being trained as how to handle ID cases. With time this ward will have highest level of tertiary care for ID cases. Since the onset of Covid pandemic, initially it has been specially converted to Covid ward.

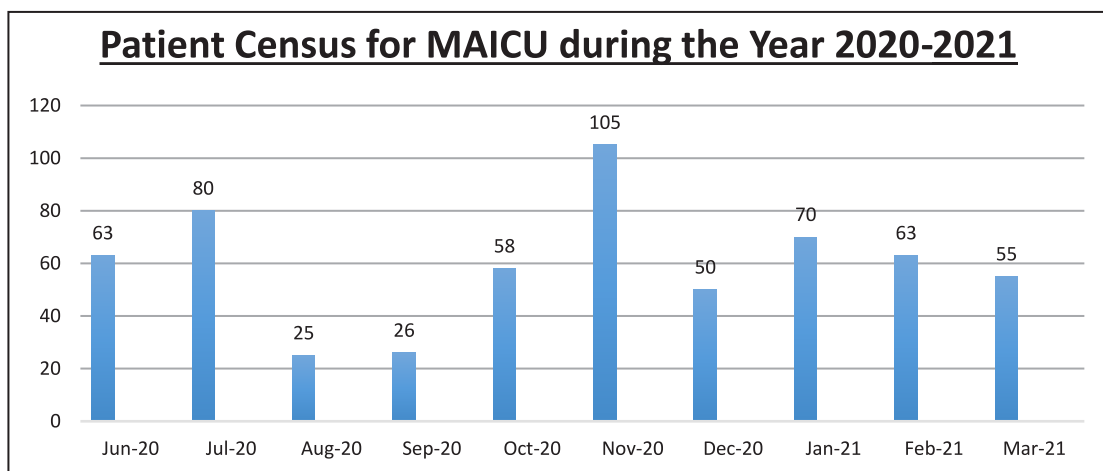
Experienced staff work in this area with 1:1 patient staff ratio. Various training programmes are conducted for residents and nursing staff from time to time for upgradation of knowledge and skill development.

### Medicine HDU

Department has developed 12 bedded High dependency Unit (HDU) where patients requiring intensive management are kept. HDU is equipped with latest non invasive ventilation support and bed side monitors. All point of care facilities are available in this critical area.

### Medicine Allied ICU

The 16 bedded Medicine Allied ICU is the heart of the department. The ICU is equipped with latest ventilators and bed side monitors. All point of care facilities including bedside ultrasound, blood gas analysis, arterial blood pressure monitoring, bedside bronchoscopy, central line, bedside pig tail and ICD insertion are available. Residents learn the art of critical care management under guidance of SRs and faculty. The ICU is run in collaboration with pulmonary medicine department. The ICU provides critical care facilities to patients from other departments also.



### Immunology Ward

We have developed a six bedded Immunology ward where patients are admitted for evaluation and management. Extensive work up and evaluation is done by a team of residents under the guidance of faculty. Patients receive immunotherapy including biological therapy as indicated.

### Major Pandemic – Sars-2 Covid-19

The novel Covid-19 pandemic marked our lives in an indelible way, changing the reality we were used to. It affected negatively the educational training for all students worldwide; Given the social distancing recommendations, the Coronavirus emergency has led to significant modification within hospitals, such as limiting the presence of residents who are on duty and cancelling lectures and educational conferences to adhere to social distancing recommendations. Regarding teaching, in-person academic activities, including face-to-face teaching, and simulation laboratories have been interrupted, along with an interruption of the clinical rotation within the different areas of the same institution. The current pandemic emergency has imposed significant loads on universities and hospitals to promote continued safety, education, and quality patient care. Even though we post our residents appropriately in the covid and non-covid area.

### March 2020 to 31 March 2021

Total Patients admission	:	2468
Total Death	:	503
Discharge/ Recover	:	1965

Total Wards	:	26
Emergency	:	1
ICU	:	11
HDU	:	12
Private ward	:	2

ICU beds	:	269
HDU O2 beds	:	236
General Non O2 bed	:	91

#### 4. Development of Advance Diabetes Lab in Division of Diabetes & Metabolism AIIMS Rishikesh

The department developed an advanced diabetes lab in the year 2019. The lab helps in the evaluation of patients with diabetes. The department was approved as a center for excellence in diabetes by International Diabetes Federation for 2020-21.

### Instrument Procured

- Peripheral Neuropathy Analyzer
- CANS – Cardiac Autonomic Neuropathy Analyzer
- Digital Fundus Camera
- HbA1c Analyzer
- Urine Micro Albumin Analyzer
- Blood Glycose Analyzer
- Blood Ketone Analyzer
- Hemo Glucose Test
- Flash Glucose Monitoring Sensor
- AGP Reader
- V Calipers
- Mini Neuropathy Analysis Kit

### Material Procured for Education

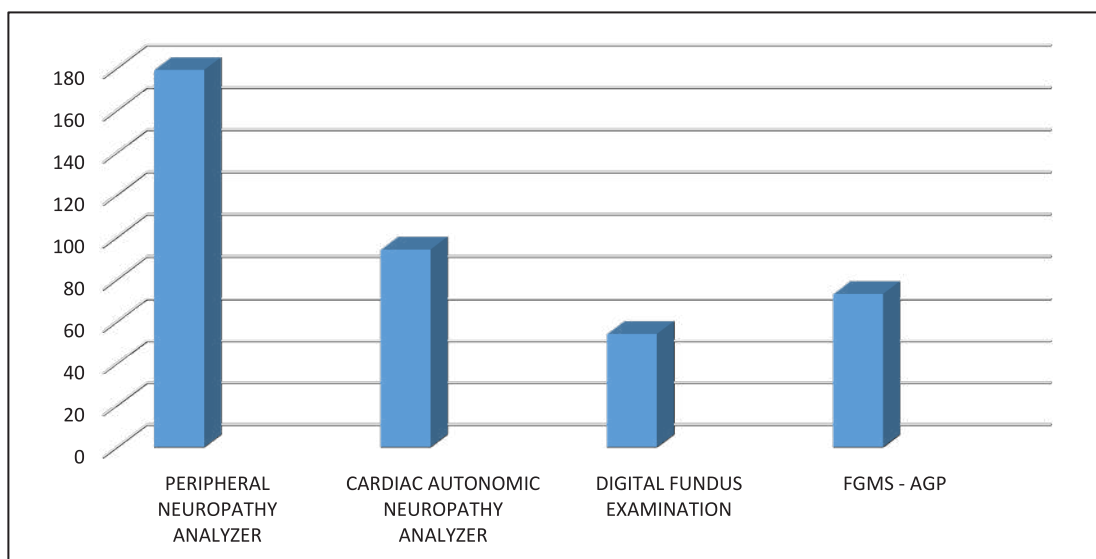
- Insulin Injection Site Rotation Grids
- Abdomen (Adult & Pediatrics)
- Thigh (Adult & Pediatrics)
- SMBG Booklet
- Lipohypertrophy Kit
- Boucher & Pamphlet
- FITTER Guidelines
- Insulin Devices
- Insulin Pen – Disposable & Reusable
- Insulin Vials
- Pen Needle
- Insulin Syringes U40 & U100
- Insulin Storage Beg
- Monofilaments

### Patient Education - 573

Sr. No.	Area	No. of Patients
1	Out Patient Department	350
2	In Patient Department	223

### Statistics of Test = 1088

Sr. No.	Test	No. of Patients
1	Peripheral Neuropathy Analyzer	179
2	Cardiac Autonomic Neuropathy Analyzer	94
3	Digital Fundus Examination	54
4	FGMS – AGP	73



### Patient visited to Diabetes Clinic = 1339

Month	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	JAN	FEB	MAR
No. of Patients	-	1	11	11	13	12	11	12	220	402	580

### Achievements

- Started Point of care for Diabetes
- Prepared Clinical Booklet for Diabetes Clinic
- Prepared Glycemic Control Chart
- Oral Hypoglycemic Agents
- S/C Insulin Administration
- Presented Research Paper in Chrono medicine WCC and Got First Price
- Presented Research Paper in Mumbai First International Conference

### Research Work

- Glycemic Profile & Peripheral Neuropathy
- Glycemic Profile & Cardiac Autonomic Neuropathy
- Common Site of Peripheral Neuropathy
- Data generated for 200 Diabetic patients

### Planning for Year 2022

- IDF center of Excellence in Diabetes
- Planning of Bed Side Training
- Organize patient support group meet every quarterly.
- Establish team of Diabetes Educators
- Publication of Research work
- Presentation of Research work
- Prepare Clinical Diabetes Management Book

- Organize workshop & conference in Diabetes
- Diabetes Educator Course
- Create website and mobile App for Diabetes Control
- Procurement of Advance Devices in Diabetes Management
- Develop patient tracking system after discharge.
- Establish standard practices in diabetes control in the hospital.
- Development of SOP for Diabetes Control.
- Development of Full Division of Diabetes & Metabolism Department.

### 4. Diagnostic services

- Autonomic lab which is used for patient care and research purposes
- POCT USG/Echo machine
- Immune assay analyser in intensive areas for point of care testing

### 5. Special Clinics:

#### Special clinic Room:

Diabetes clinic	:	01
Rheumatology	:	01
Fever clinic	:	01
Geriatric clinic	:	01
Life style Disease clinic	:	01
ART clinic	:	01

Medicine Department conducts Routine OPD on all the 6 days of the week.

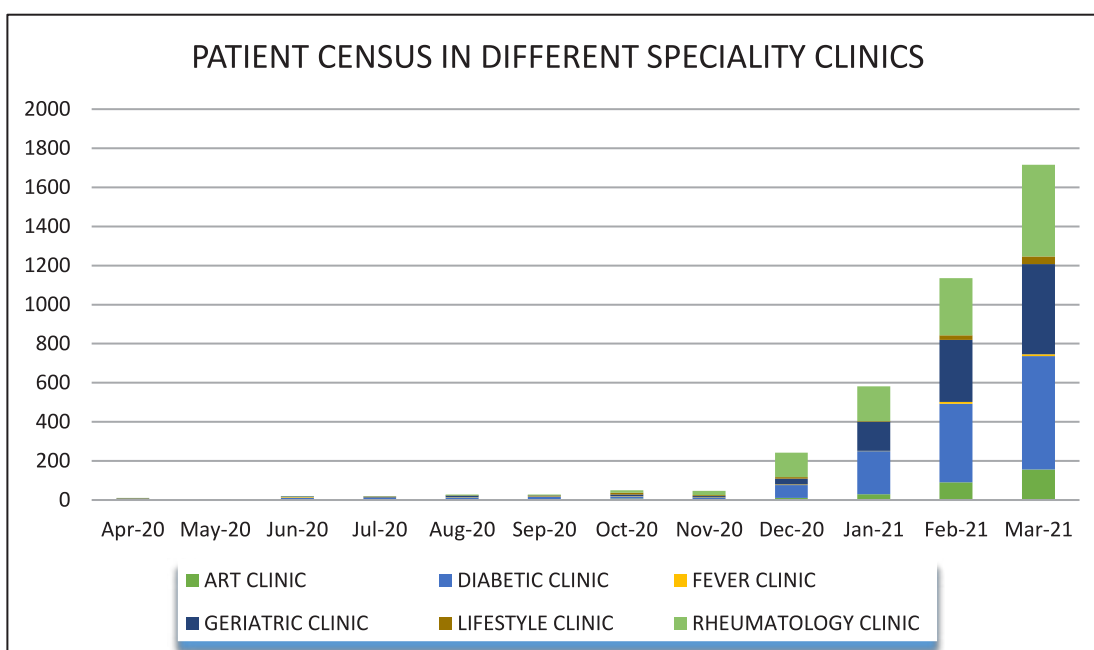
It also runs a series of specialized clinics with an objective to provide specialized care to the patients. Following services are offered in speciality clinics:

- a) **Geriatric clinic** – comprehensive geriatric assessment and care (ADL, frailty assessment, up and go test, geriatric depression scale, HMSE, etc.)
- b) **Diabetic clinic** – comprehensive diabetic assessment and care (digital fundus examination, neuropathy screening, CGMS, Doppler, etc.)

- c) **Lifestyle clinic** – comprehensive management of lifestyle disease (dietary advice, diet chart, focus on physical activity training)
- d) **Rheumatology and Immunology clinic** – management of immunological diseases
- e) **Fever clinic** – management of febrile illness with focus on infectious disease
- f) **ART clinic** – counselling, post exposure prophylaxis, CD4 testing, starting and follow up of ART patients

Special clinic(Registration) - 2:PM-4:PM

### Special OPD census



### 6. Health awareness / educational activities organized by department

The department is providing telemedicine and covid care centre services in collaboration with non governmental organisations (national medicos organisation).

### 7. CME / workshop / conference / training organized by department

- a) Annual conference of uttarakhand chapter of CARDIABCON, Uttarakhand CARDIABCON organised on digital platform in collaboration with Cardio-Diabetes society on 30th August 2020
- b) Paper presentation by Cardio-Diabetes society organised on digital platform in association with American College of Physicians (ACP) on 29th – 30th January 2021.

- c) One day symposium “CARDIABESITY IN ELDERLY” held on 27th March 2021 at All India Institute of Medical Sciences, Rishikesh.

### 8. New initiative of department

**Activity :**  
Quality initiatives taken by the department of medicine

**Inputs :**  
Standard operating protocols for working of OPD, IPD, HDU, Infectious Disease ward, Immunology ward and Dialysis framed.

**Process :**  
All Doctors & other staff were apprised.

**Outcome :**

- a) Patient's waiting time reduced in OPD
  - b) Patient's flow in OPD improved
  - c) Inflow and outflow in IPD streamlined
  - d) Overall patient medical care & workup of patients started improving.
- a) PBL and OSCE based assessment has been adopted by department for undergraduate and post graduate teaching.
  - b) Department is actively involved in integrated teaching with all departments.
  - c) Seminars & Symposiums by students to improve their subject knowledge as well as communication skills.
  - d) Case studies & Group discussions.

**Quiz:** department organizes rheumatology quiz annually for making learning an interactive experience for undergraduate students.

**9. Other activities / achievement by Department**

- a) Actively involved in framing of institute protocol for management of Covid-19
- b) Covid CCU and HDU run along with Anaesthesia team and Pulmonary medicine department
- c) Two junior residents, Dr Mayank Agarwal and Dr Ashwin Parchani participated and on the first prize in American College of Physicians Doctors Dilemma Internal Medicine quiz

**10. Future plans of department**

- a) In the field of medical education the department plans to start these short courses:
  - Workshop for RMOs, GPs for management of Acute Emergencies
  - Becoming a Medical educator course.
  - ACLS training center.
- b) In the field of patient care:
  - Improving the quality and satisfaction of patient care by understanding population and patient medical health care needs and developing quality and sustainable medical care delivery models.
  - In order to meet our commitment of tertiary care center we are in process of developing a state of art Critical care unit in the form of Medical Intensive care unit which will take care of all patients requiring Medical ICU.

- Geriatric division has already started working for geriatric patient care. Further plan is to start more specialized clinics for this vulnerable population.
  - Comprehensive Geriatric Care
  - Hypertensive Clinic for Elderly
  - Stroke Clinic
  - Pain clinic
- c) Rheumatology clinic is running and catering to lot of patients. Further plan is to start more specialized clinics. There will be dedicated clinics for
  - SLE clinic
  - Spondyloarthritis clinic
  - Pediatric Rheumatology clinic
  - Scleroderma Clinic
- d) Lifestyles related diseases disease clinic is running and purpose is to promote research in exploring a holistic approach to find a solution to lifestyle diseases. Establish a center for Stress management and wellness for students and employees with multidisciplinary collaboration.
- e) To extend the already running diabetic clinic
  - Separate clinic for Insulin Dependent Diabetic patients.
  - Diabetic Foot Care Clinic.
  - Clinic for Diabetic Pregnant mothers.

**III) Faculty activities:****Dr. Minakshi Dhar  
Additional Professor & HOD****1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master) (1st April 2020 to 31st March 2021)**

- a) As a speaker in ASIAN ACPCON 2021 held from 6th to 7th Feb 2021 Tripur Tamil Nadu.
- b) As faculty in OSCE ITEM writing workshop held on 11th to 12th Feb 2021, at New Delhi
- c) As a Faculty at the 'Endocrine Society of India – Geriatric Endocrine webinar' planned on June 10th, 2021

- d) Invited as an Expert in interview at other government organizations
- e) Invited as an Examiner in various graduate and post graduate examinations

**Dr. Ravi Kant**  
**Additional Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Debate for the motion on topic "ACE-I should be preferred over ARBs for hypertension treatment" in BPCON-2020, 3rd -5th April 2020, KGMU, Lucknow.
- b) Invited as speaker for DIABCON-2020 on topic "immunology of diabetes mellitus" on 11th April 2020.
- c) Invited as speaker on topic "Management and approach towards lifestyle disorder at primary care setup. March, 2020. AIIMS, Rishikesh.
- d) Speaker in Digital conference of CARDIABCON 2020, Role of neuroceuticals in lipid disorders 2nd May 2020.
- e) Speaker in BPCON virtual conference June 21, 2020.
- f) Panellist, care of diabetes SGLT -2 inhibitor and empagliflozin combination
- g) Delivered Talk on Obesity in real life: How to achieve Goal, Uttarakhand cardiabcon 2020, Aug.30,2020, webinar.
- h) Delivered lecture on Integrated approaches to manage type 1 diabetes, organized by American Academy of Yoga and Meditation in September 2020.
- i) Invited Lecture on Venous Thrombotic Disorders on 29th Jan 2021.

**Dr. Monika Pathania**  
**Associate Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- Preparedness for COVID-19
- – ECG Trainings
- Research methodology training programme for post graduate students , AIIMS Rishikesh

- Basic life support trainings

**2. Awards & honors received**

- 1st prize in oral presentation at IMSA national conference on non communicable diseases .
- 2nd prize in yog competition organized on international; day of yog by department of AYUSH AIIMS Rishikesh.

**Dr. Venkatesh S. Pai**  
**Associate Professor**

**1. Awards & honours received**

- Best teacher award for the 2nd Consecutive Year

**Dr. P K Panda**  
**Assistant Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Resource person to talk about Covid-19: Preparedness & Precautions in DD News (India) Channel on 23/04/2020
- b) Resource person to talk on "All about Covid-19" in Special Webinar for Health Care Providers Organized by Ramakrishna Mission Sevashrama Haridwar In Association with IMA Roorkee & Esteemed Faculty for the Webinar from AIIMS Rishikesh on 28/06/2020
- c) Resource person to moderate a "Preparing for the new normal: vaccines for COVID-19" organized by ACPCON 2020 on 09/08/2020
- d) Resource person to moderate a "Panel Discussion (Webinar) Covid-ARDS management" organized by AIIMS Rishikesh on 28/09/2020
- e) Resource person to moderate a "Panel Q & A (Webinar) Covid-19 – An Update" organized by AIIMS Rishikesh on 08/10/2020
- f) Presented 'The case for Clinical trials' in ISARIC Partner's Forum on 05/11/2020
- g) Public talk on WAAW 2020 theme "Let united to preserve antimicrobials" on 18/11/2020
- h) Public Webinar on WAAW 2020 to talk on Q & A session on Antimicrobial awareness 24/11/2020

- i) Chairing a session in Virtual Symposium on Holistic-Molecular Approaches of Covid-19 on Covid vaccine on 12/12/2020
- j) Chairing a session in Virtual Hybrid Conference organized by ASIAN ACPCON 2021 on Topic “Where to Draw the Palliative Care Lakhman Rekha” on 06/02/2021
- k) Resource person to talk about Special Program on COVID 19 in All India Radio (India) Channel on 12/02/2021
- l) Resource person to talk about Special Program on COVID 19 in All India Radio (India) Channel on 18/03/2021
- m) Resource person to talk on various teaching classes on COVID 19 and Antimicrobial stewardship-doctors/nurses ID meets in AIIMS Rishikesh on regular basis in whole year

## 2. Awards & honours received

- a) Member of Subject Expert Committees in Central Drugs Standard Control Organisation (CDSCO), GOI
- b) Member of Technical committee for World Bank Project, Healthcare Sector Skill Council (HSSC), GOI
- c) Expert for National Research Development Corporation (NRDC), National Awards 2019 New Delhi
- d) Certificate of Appreciation 2020 awarded by “International Association of Lions Clubs” on National Doctor’s Day 2020
- e) Certificate of Appreciation 2020 awarded by AIIMS Rishikesh on National Doctor’s Day 2020 for dedication, passion and hard work
- f) Certificate of Appreciation 2020 awarded by AIIMS Rishikesh on National Teacher’s Day 2020
- g) Corona Warrior Award by Amar Ujjala, Dehradun by state Govt of Uttarakhand
- h) Initiated and chairing national meets of Antimicrobial stewardship units among central institutes of the country (after ASPICON 2018) – Started a website named SASPI.in for it
- i) Member and sharing international platform on behalf of institute in The Global Health Network (ISARIC)

## Dr. Mukesh Chand Bairwa Assistant Professor

### 1. Participated CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Judged a session on paper presentation in CME organized by cardio-diabetes society In association with ACP and Department of Medicine AIIMS Rishikesh, On digital platform -29-30th January 2021
- b) Worked as Scientific secretary in CME organized by cardio-diabetes society In association with ACP ,On digital platform - 29-30 January 2021
- c) Judged a session on paper presentation in one day symposium on cardiobesity in Elderly, on 27th March 2021
- d) Chaired a session in 5th SEADFCON-2021 on 19th September 2020
- e) Program co –coordinator for guest lecture on abnormal liver function test organized by cardio-diabetic society of India on 19th February 2021
- f) Speaker topic :- Webinar Corona awareness in community organized by community task force of AIIMS Rishikesh
- g) Speaker;- COVID community awareness webinar organized by Rotary club Rishikesh with AIIMS Rishikesh
- h) Speaker in faculty Panel Question and Answer (Webinar) for management of COVID-19 organized by AIIMS Rishikesh
- i) Lecture on rhythm management in patients of COVID-19 for training of Junior and senior residents of AIIMS Rishikesh
- j) HIV management class room training organized by NACO and SAATHII at Lucknow 18th -21th January 2021

### 2. Awards & honours received

- a) Teacher’s day award 2020 by Hon’ble Director and CEO AIIMS Rishikesh
- b) Certificate of appreciation 2020 on the occasion of Doctor’s Day by Hon’ble Director and CEO AIIMS Rishikesh
- c) Appreciation award 2021 to serving in COVID 19 crisis by Medical Superintendent AIIMS Rishikesh



## DEPARTMENT OF GASTROENTEROLOGY



**First Capsule Endoscopy done at AIIMS Rishikesh by Department of Gastroenterology**



## 8.17 GASTROENTEROLOGY

### Mission

- To provide comprehensive, multi-disciplinary, highest quality tertiary care to Gastroenterology & Hepatology patients attending AIIMS Rishikesh from the state of Uttarakhand & other parts of India. This encompasses patient-oriented curative, palliative, preventive & supportive care services at the lowest possible costs, for the benefit of patients across entire socioeconomic spectrum.
- To conduct high-quality scientific research in Gastroenterology & Hepatology in collaboration with national & international centers of excellence, with special emphasis on developing novel diagnostic tests, prognostic markers & treatment protocols which are adapted to & affordable in the Indian context.
- Training of healthcare professionals in the super-specialty of Gastroenterology & Hepatology, for dissemination of knowledge & expertise. The department is currently running the D.M. Gastroenterology post-doctoral course since July 2018. The departmental Board of Studies includes experts from renowned national & international institutions.
- To conduct good quality clinical trials in Gastroenterology & Hepatology in accordance with GCP guidelines.

### Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Rohit Gupta	Additional Professor
2	Dr. Itish Patnaik	Assistant Professor
3	Dr. Ashok Kumar	Assistant Professor
4	Dr. Anand Sharma	Assistant Professor

### I) Departmental activities:

#### 1. Academic

- Under graduate teaching – MBBS Theory lectures (16 lectures /year), Under graduates are posted in gastroenterology for clinical teaching as per roster from medicine department
- Post graduate – Not posted this year due to covid pandemic
- DM teaching – Department has five DM Trainees which are involve in weekly academic activities which include Case presentation, journal club, seminars etc. Once a week GI radiology round is conducted in collaboration with Radio diagnosis department

#### 2. OPD Services

OPD Days : Monday, Wednesday, Friday.  
Total No of Patient : 5,348

#### 3. IPD Services : Total No of IPD Admissions -806

#### 4. Health awareness / educational activities organized by department

The Department of Gastroenterology in collaboration with Department of Community and Family Medicine organised a five day training program from 08/2/21 till 12/02/21 for medical officer

across all the districts of state of Uttarakhand on management of viral hepatitis

#### 5. CME / workshop / conference / training organized by department

- First live Endoscopy workshop on Peroral Endoscopic Moyotomy (POEM) in Achalasia Cardia. (26th December 2020)
- Endoscopic workshop on Spy glass and EHL for bile duct stone-12th December 2020

#### 6. New initiative of Department

- Capsule endoscopy services were initiated in August 2020
- Endoscopic Cystogastrostomy
- Trans gastric endoscopic necrosectomy of infected pancreatic necrosis
- ERCP procedure through the Minor Papilla
- ERCP and biliary SEMs placement including bilateral SEMS placement for hilar block
- Spyglass Cholangioscopy and EHL for large CBD stone
- Esophageal and pyloric dilatation
- Colonic stenting

- i) Combined Esophageal and Tracheal stent placement
- j) Combined Esophageal and Pyloric stent placement
- k) Endoscopic mucosal resection of colonic lesion
- l) Per-oral Endoscopic Myotomy for Achalasia Cardia
- m) Pneumatic balloon dilatation for Achalasia Cardia
- n) Percutaneous Liver biopsy
- o) Endoscopic thrombin injection for gastric varices

### 7. Other activities / achievement by Department

Guest lectures by international speakers

- a) Prof Mamun al Mehtab (Chairman, Department of Hepatology Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh) delivered a talk on Regenerative therapy in liver disease
- b) Dr Sahil Khanna (Professor Gastroenterology Mayo Clinic Rochester Minnesota) - Faecal Microbiota Transplant
- c) Dr Lalita Jindal (Staff specialist (Paediatrics) Central Gippsland Health. Sale. Victoria, Australia) - Food allergy

### 8. Future plan

- a) To provide liver transplant facility
- b) To provide fecal microbiota transplantation
- c) To provide diagnostic and therapeutic endoscopic ultrasound services
- d) To provide High resolution manometry and 24-hour pH metry with impedance services.
- e) To begin Bariatric endoscopic procedures and endoscopic suturing
- f) To begin pancreas-biliary disease clinic.
- g) To begin Luminal and inflammatory bowel disease clinic

### II) Faculty activities:

**Dr Rohit Gupta**  
Additional Professor

- a) **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Conducted a CME ON 27TH July 2020 For IMA student wing on the occasion of World Hepatitis Day
- b) Panellist in the online conference organised by Sir Ganga Ram Hospital on 5TH SEP 2020 on the topic Management of Alcoholic Hepatitis
- c) Chaired a session on Diabetic Gastroparesdis in a online meeting organized by Endocrine society of India- 25TH OCT 2020
- d) PGI Chandigarh- 4th PGI-Emergency Post graduate Program 2020 – 31ST OCT- 1ST NOV 2020- Panellist
- e) Chaired a session in PGI IBD UPDATE – 21ST MARCH 2021
- f) Master trainer for National Viral Hepatitis control program – Training for Medical officers of Uttarakahand from 08/2/21 till 12/02/21
- g) Panellist in online session on Abnormal LFT & Metabolic Syndrome on 19th Feb 2021 Organized by Dept. of Medicine AIIMS Rishikesh
- h) Organising chairman of the Live Endoscopic workshop on Peroral endoscopic myotomy for Achalasia Cardia- 26th December 2020 held at AIIMS Rishikesh

### 2. Participated in InternationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Panelist In Vaibhav Summit – Discussion On Gut Microbiota On 16th Oct 2020
- b) Guest lecture in Bangladesh Society of Hepatology on Diagnosis of Ulcerative colitis on 12th Feb 2021

### 3. Awards & honours received

Awarded “Corona Yoddha Samman ‘ from Deen Dayal Uppadhyay Sewa Pratishthan Dehradun on 25th March 2021

**Dr. Itish Patnaik**  
Assistant Professor

- 1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

As Organising secretary and Moderator of

the Live Endoscopic workshop on Peroral endoscopic myotomy for Achalasia Cardia-26th December 2020 held at AIIMS Rishikesh

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Guest lecture on role of Adalimumab in Ulcerative Colitis-Webinar conducted by Bangladesh Hepatology Society-12th February 2021 held online.

**3. Awards & honours received**

- a) Received Certificate of appreciation 2020 for dedication, passion and hard work on the occasion of Doctor's day from AIIMS Rishikesh.
- b) Awarded for providing excellent patient care services during COVID-19 pandemic on 28-03-2021 from AIIMS Rishikesh

**Dr. Ashok Kumar  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) As organising member of the Live Endoscopic workshop on Peroral endoscopic myotomy for Achalasia Cardia-26th December 2020 held at AIIMS Rishikesh
- b) Participated in SGEI (Society of Gastrointestinal Endoscopy of India) Mid Term Virtual Meeting 2020 (Kolkata) held on August 15-16, 2020.
- c) Participated in INASL 2020 Virtual, 27th Annual Scientific Meeting of Indian National Association for Study of the Liver held on 2nd to 4th December 2020.
- d) Participated in and presented two oral abstracts at 61st Annual Conference of Indian Society of Gastroenterology, ISGCON 2020 held on 19 & 20 December 2020.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated in American College of Gastroenterology Virtual Grand Rounds on 16 July 2020 about High-Resolution Manometry: Thinking Beyond the Chicago Classification.
- b) Participated in and presented two abstracts at 8th Annual Meeting of Asian Organization for Crohn's and Colitis, AOCC 2020 held in South Korea, December 16-20, 2020.

**Dr. Anand Sharma  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) As organising member of the Live Endoscopic workshop on Peroral endoscopic myotomy for Achalasia Cardia-26th December 2020 held at AIIMS Rishikesh
- b) Faculty in Capacity building workshop for physicians in Uttarakhand - February 2021 conducted under National Viral Hepatitis control programme

**DEPARTMENT OF  
INTEGRATED  
BREAST CARE CENTRE**

## 8.18 INTEGRATED BREAST CARE CENTRE

Breast cancer has been the leading malignancy in Indian women. Incidence has been escalating. Unfortunately, the provision of breast services within the public sector is variable, and patients often undergo multiple consultations before being given the final diagnosis and treatment options. Long waiting time for imaging and biopsy after the initial clinical assessment poses other sources of delay in the management of breast cancer.

In Uttarakhand, Hilly state of India, the concept of one stop clinic and Integrated Breast Care centre (IBCC) was introduced in September 2018. Ever since we streamlined the triple assessment process (combination of clinical examination, imaging, and cytopathological analysis) in patients with suspected breast cancer by reducing the number of pre-diagnostic visits, irrespective of socioeconomic status of the patients. Studies have shown that "one stop" symptomatic breast clinics were able to relieve patient anxiety and optimise the use of resources. wherein patients were assessed by surgeons in the morning and referred to radiologists for breast imaging and biopsy in the

same afternoon. It was shown to be important for patient care, with a reduced median time interval between the first surgical consultation and operation when compared with a historical cohort. The clinic aims to streamline investigation procedures for patients with breast cancer to facilitate timely surgical treatment. While it is impossible to measure the true effectiveness of OSC by means of patient survival, we chose symptom-to-operation time as a surrogate marker. The symptom-to-operation time for each patient may, however, be influenced by the surgeon's degree of clinical suspicion for cancer and consideration of factors such as age, symptomatology, and history of contralateral breast cancer.

We also introduced the concept of Integration of all services eg. Medical oncology and radiotherapy along with the imaging and pathology services as multidisciplinary team consultation in the same time. This study is aimed to determine the effectiveness of OSC with integration of other specialities in breast cancer care.

### Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Prof Bina Ravi	Senior Professor
2	Prof Manoj Gupta	Professor
3	Prof Shalinee Rao	Professor
4	Dr Anjum Syed	Additional Professor
5	Dr Nilotpai Chowdhury	Additional Professor
6	Dr Prateek Sharda	Assistant Professor
7	Dr Ajay Kumar	Assistant Professor
8	Dr Akshay Kapoor	Assistant Professor
9	Dr Meenakshi Khapre	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities Undergraduate

Theory and clinical teachings for undergraduate students of MBBS, one batch at any particular period is posted for clinical postings

#### Postgraduate

- 2 post graduate students from general surgery are being trained at any given time in IBCC
- 2 candidates are perusing M.ch in breast and endocrine surgery-regularly rotated in

plastic surgery, radiation oncology, medical oncology, Endocrine surgery, radio diagnosis and breast imaging, nuclear medicine department clinical teachings

- Interdisciplinary meetings for breast cases in IBCC are regularly held in IBCC seminar room
- PDCC course under the aegis of IBCC also started

#### 2. OPD Services : 6 days a week

#### 3. IPD Services : patients admitted from OPD and operated on regular basis

#### 4. Health awareness/ educational activities organized by department

- a) Capacity Building program was organised for Nursing Students for 3 common cancers i.e. breast, oral and cervical cancer
- b) several ASHA workers regularly trained for self examination of Breast diseases
- c) breast scanning camp organised for early detection of breast cancer in public with a hand held small device

#### 5. CME / workshop / conference / training organized by department

Intradepartmental breast scan workshop organised for locating breast masses in patients (for early detection of cancer)

#### 6. New initiative of department

- a) a cancer awareness program started titled "Capacity building through HRRCs and teaching Institutes to operationalize government guidelines for screening of Common cancers (oral, breast and cervical) – ICMR Task Force Study" along with other departments of AIIMS Rishikesh.
- b) started stereotactic breast biopsies for micro-calcifications in the breast
- c) We have started VABB machine for indeterminate lesions of breast.
- d) We have state of art ultrasound machine for better diagnosis
- e) Started M.ch Course in Breast and endocrine surgery along with PDCC in breast imaging

#### 7. Any other activities / achievement by Department

No new activity started due to Covid-19 pandemic

#### 8. Future plan

- a) To Start Intra-operative radiotherapy
- b) MRI guided biopsies

#### II) Faculty activities:

**Prof Bina Ravi**  
**Senior Professor**

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Lecture- Women's Health Awareness, IRDE & DRDO, Dehradun, March 8, 2021
- b) Organising Chairperson – Annual Conference of Epidemiology Foundation of India, Evidence Based Public Health (EFICON 2020) from 18-20 December, 2020.
- c) Co-Patron – ROBOLAPCON, held at All India Institute of Medical Sciences, Rishikesh, 2020
- d) Lecture – Current concepts in female cancers. ICMR-NASI Workshop on "Trends in Health Care Innovation in India attended as a Guest Speaker, Mumbai, 2020
- e) Co-chair - 90th Annual Session of NASI Symposium on "Towards a New Healthcare regime for the Nation (Special reference to Odisha)", 25th-26th, Feb, 2021
- f) Speaker – Early Detection of Breast Cancer. XXIII Annual Conference of Indian Association of Preventive and Social Medicine, UP & Uttarakhand Chapter, 12th& 13th December, 2020 at Prasad Institute of Medical Sciences.

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Workshop on "Mental Health System Development" jointly organised by The Parliamentary & Administrative Research Institute (PARI), New Delhi and University of Melbourne held in Melbourne, 2020.
- b) International Symposium on Breast Health Northern Region, Oct 20, 2020, organised by Sanjeevni NGO-life beyond cancer (organizing person – Ruby Ahluwalia).

# DEPARTMENT OF MEDICAL ONCOLOGY HAEMATOLOGY



## 8.19 MEDICAL ONCOLOGY HAEMATOLOGY

Department of Medical Oncology Haematology, AIIMS Rishikesh started functioning on 29th February 2016. Since its inception, the department is dedicated to provide tertiary level diagnostic, therapeutic & preventive care to oncology & haematology patients through OPD, IPD, Day Care & special clinics. We are running post-doctoral courses in DM Clinical Haematology (since January 2018) & DM Medical Oncology (since January 2019), in addition to regular participation in postgraduate & undergraduate teaching activities. Department is also mentoring post-doctoral fellow of the prestigious Ramalingaswami Fellowship of Department of Biotechnology (DBT). To date, the department has received four extramural research grants from renowned national & international funding agencies, in addition to several ongoing intramural research projects. The department also has three industry-sponsored multicentric clinical trials, including two global clinical trials. The departmental has started hematopoietic stem cell

transplantation (BMT) services at AIIMS Rishikesh since November 2019. The faculty & residents of the department have been regularly working in COVID wards & ICUs for management of COVID-19 patients at AIIMS Rishikesh throughout the current COVID-19 pandemic.

### Mission:

- Provide highest quality, tertiary level medical oncology & haematology services to patients attending AIIMS Rishikesh.
- Teaching: undergraduate, postgraduate & post-doctoral courses.
- Mentoring of PhD scholars.
- Training of doctors & nurses, with the aim of capacity building.
- Advanced research in oncology & haematology.
- Clinical trials, including industry-sponsored global multicentric trials.

### Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Uttam Kumar Nath	Additional Professor & HOD
2	Dr. Amit Sehrawat	Assistant Professor, Medical Oncology
3	Dr. Deepak Sundriyal	Assistant Professor, Medical Oncology
4	Dr. Gaurav Dhingra	Assistant Professor, Haematology
5	Dr. Neeraj Jain	DBT Ramalingaswami Fellow (Scientist "D"/ Assistant Professor)

### I) Departmental activities :

#### 1. Academic activities

##### Undergraduate

- Online Lecture classes & Integrated teaching classes for MBBS students.
- Clinical Classes for MBBS students.

##### Postgraduate

- Teaching & clinical training of D.M. (Clinical Haematology) course: Course started in January 2018 session. Regular departmental seminars, journal clubs & case presentations.
- Teaching & clinical training of D.M. (Medical Oncology) course: Course started in January 2019 session. Regular

departmental seminars, journal clubs & case presentations.

- Teaching of MD (Medicine), MD (Pediatrics), MD (Radiotherapy), MD (Transfusion Medicine), MCh (Surgical Oncology), & MCh (Gynaecologic Oncology) residents during clinical rotation training in Medical Oncology & Clinical Haematology.
- Clinical teaching & lectures for nursing students and nursing officers.

#### 2. OPD Services

Number of OPD Patients: 7764

Haematology OPD	5506
Medical Oncology OPD	2258



**OPD Schedule:**

OPD	Days	Faculty Name
Haematology	Monday, Tuesday Thursday	Dr. Uttam Kumar Nath Dr. Gaurav Dhingra
Medical Oncology	Monday, Thursday Tuesday, Friday	Dr. Deepak Sundriyal Dr. Amit Sehrawat

**3. IPD Services & Day Care Services****Total IPD Admissions (Non-Covid patients): 667**

Haematology	296
Medical Oncology	371

**Total Day Care Admissions: 3788**

Haematology	1492
Medical Oncology	2296

**4. Major/Minor OT Services**

- Bone marrow aspiration & biopsy procedures performed in IPD for adult & pediatric patients for diagnosis & treatment response monitoring of haematological disorders.
- Intrathecal chemotherapy administered in IPD & Day Care.

**5. Special Clinics**

Special Clinic	Days	Faculty Name
Leukemia & MPN Clinic	Wednesday	Dr. Uttam Kumar Nath
Lymphoma & Myeloma Clinic	Friday	Dr. Gaurav Dhingra
Lung Cancer Clinic (with Department of Pulmonary Medicine & Surgical Oncology)	Tuesday	Dr. Amit Sehrawat Dr. Deepak Sundriyal
Preventive Oncology Clinic (with Department of Radiation Oncology & Surgical Oncology)	Thursday	Dr. Amit Sehrawat Dr. Deepak Sundriyal

**6. Health awareness / educational activities organized by**

- Organized awareness talks on 'Lung Cancer Awareness Month' - November 2020.
- Organized World Cancer Day events including Cancer Awareness Talk and Panel Discussion for general public on 04.02.2021 at AIIMS Rishikesh.
- Dr. Amit Sehrawat Delivered an invited Guest Lecture on Cancer Awareness in webinar Organised by Rotary Club Roorkee on 18 October 2020.

**7. CME / workshop / conference / training organized by department**

- Along with the various other collaborating Departments, Dr Amit Sehrawat from the Department Organised an International Workshop Vaishwik Bharatiya Vaigyanik Summit (VAIBHAV Summit) with Faculty

from USA, UK, Australia and India on "SAHYOG-India": Integration of software as a medical device in cancer care continuum and beyond. Date: 21 October 2020.

- Organised Oncology Multidisciplinary Debate on 'Management of Oesophageal Cancer': July 2020.

**8. New initiative of department**

- Started phase 2 global clinical trial 'A Phase 2 Study of the Hepcidin Mimetic PTG-300 in Patients with Phlebotomy-Requiring Polycythemia Vera' – 2020.
- Started phase 3 global clinical trial 'Study to Evaluate the Efficacy and Safety of Subcutaneous Marzeptacog Alfa (Activated) For On-Demand Treatment and Control of Bleeding Episodes in Subjects with Hemophilia A or Hemophilia B, with Inhibitors: The Crimson 1 Study' – 2021.

- c) Started FDA regulatory Phase-2 oncology drug trial for platinum resistant, refractory ovarian cancer patients – 2021.
- d) Signed MOU with CanKids to facilitate cancer care for pediatric oncology patients at AIIMS Rishikesh.
- e) Geriatric Oncology Special Clinic has been started by Dr Deepak Sundriyal (every Wednesday).

### 9. Any other activities / achievement by Department

- a) Dept received Core Research Grant of Science & Engineering Research Board (SERB), Dept of Science & Technology, Govt of India, for research project titled 'Targeting Nucleolin for Refining Antineoplastic Chemo - Immunotherapy & Immunomodulation in B-Cell Lymphoma' (collaborative research project with CDRI, Lucknow & KIIT University, Bhubaneswar) - December 2020 (PI: Dr Uttam Kumar Nath).
- b) Dept received prestigious Biotechnology Industry Research Assistance Council (BIRAC) Grant, Govt of India to establish "Network of Oncology Clinical Trials India (NOCI)" - 2020 (PI: Dr Amit Sehrawat).

### 10. Future plans of department

- a) To set up a BMT Unit & continue Hematopoietic stem cell transplantation services at AIIMS Rishikesh.
- b) To conduct both industry-sponsored & investigator-initiated, multicentric clinical trials at AIIMS Rishikesh (Dept already has been selected for three global multicentric clinical trials in 2020-21).
- c) To conduct advanced research in oncology & hematology and apply for extramural research grants.

## II) Faculty activities :

### Dr. Uttam Kumar Nath Additional Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Invited Speaker: 'Non-transplant Treatment of Idiopathic Aplastic Anemia' at BESHCON 2020, Annual Conference of Eastern Hematology Group, 2020.

- b) Invited Speaker: 'Optimum management of AML in India 2020' at BESHCON 2020, 5th Annual Conference of Bengal Society of Hematology, 2020.
- c) Invited Faculty: Moderator of Panel Discussion on 'Relapsed Refractory Multiple Myeloma' at "Clinical Thoughts & Updates in Haematology & Haemato-Oncology" virtual conference on 1-2 October 2020.
- d) Invited Faculty: Moderator of Panel Discussion on 'Thrombocytopenia in office practice' at "Clinical Thoughts & Updates in Haematology & Haemato-Oncology" virtual conference on 1-2 October 2020.
- e) invited faculty/ chairperson in several other virtual conferences, CME & webinars.

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Invited Faculty: Panelist in Panel Discussion on 'Extramedullary disease in Multiple Myeloma' at the international conference 'Indian Myeloma Congress' 2021.

#### 3. Awards & honours received

- a) American Society of Hematology (ASH) Global Research Award 2020 as Mentor of research project 'Identification of molecular therapeutic target leading to development of chemo-resistance in non-GC DLBCL patients in India'.
- b) Examinership of National Board of Examinations for DNB (Hematology) Practical Examination, April 2021.
- c) Thesis evaluation of National Board of Examinations for DNB (Hematology) course.

### Dr. Amit Sehrawat Assistant Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Participated as co-author and presented a paper in the Indian Society of Medical and Paediatric Oncology conference- 2020:

- Weekly Etoposide and Platinum in small cell lung cancer: Hope and scope for fragile patients.
- b) Participated as faculty in Recent Advances in Advanced NSCLC and melanoma management: A case based discussion CA Lung; Date: 16th June 2020.
- c) Participated as a faculty in a virtual CME on Ovarian cancer Management on 13 June 2020 and Delivered a lecture on Ovarian Cancer management
- d) Participated as faculty/Panellist in Breast Cancer Chakravayuh: Breaking Barriers online webinar on 4th-7th June 2021
- e) Participated as a faculty/Panelist in CME: World's First Biosimilar Denosumab on 10th July 2020
- f) Participated as a Faculty/Panelist in Live Webinar: Lung Cancer Management; Add Life on 11th July 2020
- g) Participated as a Faculty/Panelist in Virtual CME: Roar of the Rare: BRAF Virtual Symposium for Metastatic NSCLC and Metastatic Melanoma on 15th July 2020
- h) Participated as a Faculty/Panelist in aVirtual CME on ADAURA Study on 22 July 2020
- i) Participated as Panelist in Virtual National Conference: Oncology Chakravayuh GI on 24-26 June 2020
- j) Participated as a Faculty in a CME / Multidisciplinary Debate on Oesophageal Cancer Management on 27 July 2020 at AIIMS Rishikesh
- k) Participated as a Faculty in a Virtual Panel Discussion: BEST OS SABCS 2020, on 'Sequencing of therapy in HR+ Her2-ve MBC – CDK4/6i and PI3ki' Date: 19-20 th Feb, 2021
- l) Participated as a Faculty in a Virtual symposium Organised by Apollo Hospital New Delhi, titled "Regional Views on Practice Changing Guidelines from ASCO 2020". Date 28 August 2020. Delivered a Talk on TRAIN-2 Study in the symposium.
- m) Attended ESMO Virtual Advanced Course on Biomarkers for Precision Medicine, 4-5
- n) September 2020. (Course was for selected Oncologists based on merit of the application)
- o) Attended Webinar by Endocrine Society of India as a Faculty/Co-Chair along with Prof. George Kaltsas on Topic: Paraneoplastic endocrine manifestations, Theme: Oncocrinology, Date: 04 October 2020
- p) Participated as a Faculty/Panelist in a CME 'New frontiers in Melanoma Management' Organised by ICON & IASCO on 16 Sep 2020
- q) Participated as co-author and presented a paper in 10th Annual Conference of Indian Society for Study of Lung Cancer (NALCON) 26-27 September 2020
- r) Participated in Mastercourse in Oral Cancer Management 2020 organised by TMH Mumbai on 18-19 September 2020
- s) Delivered an invited Guest Lecture on Cancer Awareness in webinar Organised by Rotary Club Roorkee on 18 October 2020
- t) Participated as an expert panelist in a Virtual Panel discussion sponsored by WHO organised by Department of OBG AIIMS Rishikesh on 'Accelerating Cervical Cacer Elimination in Uttarakhand: AIIMS Rishikesh Initiative' Date 17 November 2020
- u) Participated as a Faculty in a Virtual Lung Cancer CME on 09 Nov 2020 and Delivered Lecture on 'New paradigms in Early stage Lung Cancer: Osimertinib in the Adjuvant Setting'
- v) Participated as a Faculty/panelist in a virtual CME on Immunotherapy in locally advanced and metastatic breast cancer organised by Dharmashila Narayana Hospital New Delhi on 27 November 2020
- w) Participated as a faculty/panelist in a live webinar on Hemato-Oncology Organised by Apollo Hospital Gwalior on 19 December 2020
- x) Participated as a faculty/panelist in a virtual CME on Update on HER2+ Breast cancer on 18 September 2020 organised by Prof. Ashok K Vaid and his team.
- y) Participated as a panelist in a virtual CME PARP Inhibitors: Changing Paradigm on 20 September 2020, organised Awadh Oncology Society.
- z) Participated as an invited faculty in a Webinar Gall Bladder Cancer: Etiology to Treatment organised by Carcinogenesis Foundation (USA) on 13 February 2021. Delivered a talk on 'Dealing with Unresectable & metastatic GBC'.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated as a panellist in VAIBHAV Summit on topic: "SAHYOG-India": Integration of software as a medical device in cancer care continuum and beyond Date: 21 October 2020
- b) Participated as a Faculty in International Virtual Conference 'Carcinoma Prostate in 2020: Evolution Over a Decade' on 23 August 2020 Organised by the Department of Urology AIIMS Rishikesh
- c) Participated as a Panelist in ESMO Young Oncologist Virtual Symposium on Genito-urinary Cancers.
- d) Attended EMUC20- 12th European Multidisciplinary Congress on Urological Cancers held virtually on 13-14 November 2020.
- e) Participated in ESMO Carcinoma Urinary Bladder Virtual Preceptorship on 02 September 2020 (Merit based selection on application)

**Dr. Deepak Sundriyal  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated as Faculty (Panelist) in the Annual Oncology Forum held on 4-6 December 2020 (OFCON-2020), Theme: Geriatric Oncology - targeted Therapies.
- b) Delivered a Lecture on 'Tobacco and Cancer' in the CME conducted by Journal of carcinogenesis and Carcinogenesis foundation, on World Cancer Awareness Day on 4th Feb 2021.
- c) Participated as faculty (Panelist) in the Best of SABCS, 19-20th Feb, 2021, Radiology Workshop, New Delhi.
- d) Participated as a faculty (Panelist) in the 8th Innovations in Oncology, Virtual conference, Endometrial cancers, Mumbai, 19-21 Feb, 2021.
- e) Presented a paper in the Annual Oncology Forum held on 4-6 December 2020 (OFCON-2020), Theme: Geriatric Oncology- targeted Therapies.

- f) Participated as co-author and presented a paper in the Indian Society of Medical and Pediatric Oncology conference- 2020: Weekly Etoposide and Platinum in small cell lung cancer: Hope and scope for fragile patients.



**Training on Panel based screening of Infectious diseases - MicroArray System**



**Swachta Pakhwada Celebration**



**Nucleic acid Extraction Room- COVID LAB**



**Training on Bio Medical Waste Managenet**

## DEPARTMENT OF MICROBIOLOGY



**Training on Good Lab Practices for Blood culture collection  
Blood Sepsis Day**



**Training on Hand Hygiene**

## 8.20 MICROBIOLOGY

The mission of the Department of Microbiology is to educate and train students in the discipline of Microbiology and to expand the body of knowledge of this scientific field through research. The specific goals of the Department are to

- Setting up of Anaerobic lab & Next generation Sequencing Lab
- Setting up of BSL-3 lab and expanding scope of Research

- Pneumatic Shute Logistic approach for sample management
- Starting a center for Zoonotic diseases
- Train Post Graduate students as Clinical Microbiologist, “from Bench side to Bedside”.
- Setting up an advanced Virology center and starting DM Virology.

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Pratima Gupta	Professor
2	Dr. Neelam Kaistha	Professor
3	Dr. Balram Ji Omar	Additional Professor
4	Dr. Yogendra Pratap Mathuria	Additional professor
5	Dr. Deepjyoti Kalita	Associate Professor
6	Dr Puneet Kumar Gupta (Resigned on December 2020)	Assistant Professor
7	Dr. Mohit Bhatia	Assistant Professor
8	Dr. Amber Prasad	Assistant Professor
9	Dr. Biswajeet Sahoo	Assistant Professor

### I) Departmental activities :

#### 1. Academic

##### Dr Pratima Gupta

##### Teaching:

- UG (MBBS, BSc Nursing)
- JR [Academic-MD (Microbiology)]
- PDCC (Infectious Diseases) SR
- PhD students
- MPH students
- Examination Superintendent for various MBBS, BSc (Nursing) Professional Examinations
- Framing of MCQs for MBBS, MD (Microbiology), PDCC (Infectious Diseases), BSc (Nursing) & BSc (Nuclear Medicine) courses
- Conducting Monthly assessments, End term & Professional/Exit exams (theory & practical) of MBBS, MD (Microbiology) & PDCC (Infectious Diseases) courses
- Preparation of OSPEs with checklists for MBBS, MD (Microbiology) & PDCC (Infectious Diseases) courses

- Moderator- Final II MBBS Examination, and BSc Nursing question papers
- MD examiner at AIIMS Rishikesh- February 2021
- Examiner PDCC exit exam-Theory paper at AIIMS Rishikesh
- Initiated BSC MLT course
- Paper setter for National Board Of Examination for PG entrance
- Examiner for PGCMDM - CBRNED, Practical Sessions & End Term Exam, -9th March 2021.
- MBBS Examiner at Swami Rama University- March 2021.
- External Thesis Evaluator- Postgraduate Institute Of Medical Education & Research, (PGIMER) Chandigarh, Delhi University
- External examiner (theory) for PDCC Virology entrance exam conducted by ILBS, New Delhi
- MD Microbiology paper setter- JIPMER, AIIMS Patna, Punjab University
- Resource Faculty for “Basics of Research Methodology, Biostatistics & Evidence Based Medicine”

- u) Member - Research Advisory cell till May 2020
- v) Member of Research & Review Committee at AIIMS Rishikesh
- w) PG Orientation course for new batch of MD/MS Students- on Report writing
- x) Thesis Guide and Co Guide-05
- y) PhD Thesis Guide-05
- z) Validation of MBBS MCQs of AIIMS, Rishikesh question bank

**Dr Mohit Bhatia:****Teaching:**

- a) UG (MBBS, BSc Nursing)
- b) JR [Academic-MD (Microbiology)] & SR
- c) PDCC (Infectious Diseases) SR
- d) PhD students
- e) Invigilator for various MBBS, BSc (Nursing) Professional Examinations
- f) Framing of MCQs for MBBS, MD (Microbiology), PDCC (Infectious Diseases), BSc (Nursing) & BSc (Nuclear Medicine) courses
- g) Conducting Monthly assessments, End term & Professional/Exit exams (theory & practical) of MBBS, MD (Microbiology) & PDCC (Infectious Diseases) courses
- h) Preparation of OSPEs with checklists for MBBS, MD (Microbiology) & PDCC (Infectious Diseases) courses
- i) Course co-ordinator & Faculty In-charge (Microbiology) for BSc Nursing 2nd year & Nuclear Medicine courses
- j) Resource Faculty for "Basics of Research Methodology, Biostatistics & Evidence Based Medicine" course at AIIMS, Rishikesh

**Dr Amber Prasad****Teaching:**

- a) Under graduates: MBBS, B.Sc- Nursing
- b) Post Graduates: Residents- JRs, SRs, PDCC, PhDs, MPh
- c) Coordinator for BSc MLT students
- d) Framing Question papers and conducting monthly assessments for MBBS, MD, PDCC, BSc- Nursing.
- e) Time to time classes and reinforcement trainings as Hospital Infection Control Officer

**Dr Biswajeet Sahoo:****Teaching:**

- a) Under graduates: MBBS, B.Sc- Nursing
- b) Post Graduates: Residents- JRs, SRs, PDCC PhDs
- c) Framing Question papers and conducting monthly assessments for MBBS, MD, PDCC, BSc- Nursing.
- d) Conducting Under graduate and Graduate Practical Exams as internal and External Examiners in different Government medical colleges
- e) Guide for Post graduate student (continuing)
- f) Co -guide for two post graduate student (Paediatrics and Medicine)
- g) Evaluator of fellowship proposals in Microbiology submitted under extramural research scheme of ICMR
- h) Clinico-demographic profile & hospital outcomes of COVID-19 patients admitted at a tertiary care centre in north India July 2020. The Indian Journal of Medical Research Follow journal DOI: 10.4103 / ijmr.IJMR\_1788\_20
- i) Mycoplasma pneumoniae co-infection with SARS-CoV-2: A case report
- j) Ivermectin in mild and moderate COVID-19 (RIVET- COV): a randomized, placebo-controlled trial
- k) Otolaryngologic Manifestation and Long-Term Outcome in Mild COVID-19: Experience from a Tertiary Care Centre in India
- l) Clinico-demographic profile & hospital outcomes of COVID-19 patients admitted at a tertiary care centre in north India

**2. OPD Services :****Diagnostic Activities:****Bacteriology And Mycology.**

- a) Aerobic culture & sensitivity
- b) Blood Culture (aerobic) Paediatric and Adult
- c) Fungal Culture
- d) Antifungal susceptibility test for yeast by disc diffusion

**Direct Microscopy**

- a) Gram's staining

- b) Albert's staining
- c) Acid fast stain/ ZN staining
- d) Modified ZN staining
- e) Giemsa stain-
- f) 10% KOH for fungal elements
- g) India ink for Cryptococcus
- h) Direct smear of pus from liver abscess for E. histolytica
- i) Stool for ova and parasites
- j) Vaginal smear- Bact. Vaginosis, Candidiasis, Trichomoniasis
- k) Calcofluor white staining for fungal staining

**Serology (Rapid)**

- a) HBsAg
- b) Anti HCV,
- c) Anti HIV,
- d) Dengue IgM ,IgG& NS1 antigen
- e) ICT for Malarial parasite
- f) Typhi DOT/ ICT for Typhoid
- g) WIDAL test-Slide agglutination
- h) ASO
- i) C-Reactive Protein
- j) Rheumatoid Factor
- k) RPR/VDRL
- l) Procalcitonin

**ELISA based Serology**

- a) Toxoplasma IgM
- b) Herpes simplex IgM
- c) Rubella IgM
- d) Cytomegalovirus(CMV) IgM
- e) Toxoplasma IgG
- f) Herpes simplex IgG
- g) Rubella IgG
- h) Cytomegalovirus(CMV) IgG
- i) IgE
- j) Anti HBsAnti cardiolipin-IgM and IgG
- k) Anti Taenia Solium
- l) HAV IgM ELISA
- m) HEV IgM ELISA
- n) Parvo B19 IgM ELISA
- o) Scrub typhus IgM ELISA
- p) Anti HCV ELISA
- q) HBsAg ELISA

- r) Anti PR3 ELISA
- s) Anti MPO ELISA
- t) Anti CCP ELISA

**Immunofluorescent assay:**

- a) ANA
- b) ANCA
- c) Anti CCP
- d) Anti-ds DNA
- e) ENA profile
- f) Autoimmune liver profile

**Virology:**

- a) COVID 19-RT PCR
- b) H1N1 by RT PCR
- c) Rapid Syndromic testing by microarray technology-BIOFIRE for Meningitis / Encephalitis, GIT infections, Respiratory infections, Blood stream infections
- d) HBV RT PCR Viral Load-Quantitative
- e) HCV RT PCR Viral Load-Quantitative
- f) HCV Genotyping

**Mycobacteriology:**

- a) GeneXpert
- b) Enhanced RNTCP services for TB patient - offering Genexpert for TB (CBNAAT Testing) free of cost as per MoU with State RNTCP.

**3. Health awareness / educational activities organized by department**

- a) Delivered Lecture on COVID 19 on AIR Dehradun (Dr P Gupta)
- b) Public lecture on Antimicrobial Resistance (Dr P Gupta)
- c) Panelist – 4 times -for covid topics -post covid syndrome ,vaccine , Flu in birds and Variants of covid – In Rajya Sabha Television (Dr BJ Omar)
- d) Hospital Infection Control Committee-
- e) conducted training on general instructions, Preparedness to combat
- f) COVID-19, General instructions, Donning & Doffing, HH, BMW, Contact tracing, Cleaning & Disinfection,
- g) Do's and Don't's, Assessment of hand hygiene OSPE, Infection Prevention & Control Practices, HH & BMW
- h) COVID Appropriate Behaviour (Kumbh Mela) to the State Medical Officers,



**4. CME / workshop / conference / training organized by department (1st April 2020 to 31st March 2021)**

- a) Organised Conference – Virtual Platform (as organising Chairperson) – UP-UK MICROCON 2021-22nd to 23rd March 2021.
- b) Organised a Webinar/CME on NTEP update at AIIMS Rishikesh – 26th February 2021
- c) Conducted Pre-Conference Workshop on “Developing Skills in handling Antimicrobial Resistance” in Annual Conference of Epidemiological Association of India. EFICON 18th Dec 2020.
- d) Organised and participated as Panellist in CAHO-LABCON (international conference) organised by CAHO (Consortium of Accredited Healthcare Organisation with NABL) -March 2021

**5. New initiative of department (1st April 2020 to 31st March 2021)**

- a) Setting up ICMR supported COVID 19 RT PCR testing lab
- b) Setting up of VRDL-State level lab

**6. Other activities / achievement by Department.**

- a) ONLINE Teaching and learning
- b) ONLINE Assessment-MD microbiology and MBBS Exam
- c) Introducing SOFT SKILL based OSPE
- d) Initiated BSC MLT course
- e) Delivered Lecture on COVID 19 on AIR Dehradun
- f) Incharge Cultural programme on Republic Day 2021

**7. Future plan**

- a) Setting of Anaerobic lab & Next generation Sequencing Lab
- b) Setting of BSL-3 lab
- c) Setting up an advanced Virology center and starting DM Virology.
- d) To start antifungal sensitivity testing (AFST)
- e) To start multiplex RT-PCR for detection of Mucormycosis
- f) To start -D-Glucan and Galactomannan assay for invasive fungal infections
- g) Creating a fully automated diagnostic

laboratory.

- h) Pneumatic Shute Logistic approach for sample management
- i) Improve and Update existing Curriculum of all Graduate and Post Graduate courses by developing Competencies. Students will be helped in being Professional, have good interpersonal skills, good communication skills and to understand Ethics. Students will be encouraged in learning and developing skills to become Clinical Microbiologist.

**II) Faculty activities :**

**Dr Pratima Gupta  
Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) MYCOCON 2021 Virtual Conference held from 26th to 28th March 2021.
- b) National Medical Commission organized an “Under Graduate & Post Graduate Assessor’s Orientation Program” through Video Conference- 15th March 2021.
- c) National Board of Examination MCQs item writing workshop organised by NBEMS – 8th march 2021
- d) ASM webinar on 2nd and 3rd July, 2020
- e) Webinar/CME on NTEP update at AIIMS Rishikesh – 26th February 2021
- f) First-ever virtual symposium on immunization for all in the context of COVID-PGIMER Chandigarh 2021
- g) Webinar Covid-19 vaccine safety: from bench to bedside . BMJ and Asian Development Bank-- May 21, 2021
- h) CME workshop on Next Gen Sequencing in E Microcon 2020 conducted by Indian Association of Medical Microbiologists - 8th December 2020
- i) Annual Congress-E-MICROCON (Virtual pre-conference CME & Conference conducted by Indian Association of Medical Microbiologists from 8th -11th December 2020:
- j) XVII UP UK MICROCON 2021 (Virtual pre-conference workshops & Conference from 22/03/2021 to 23/02/2021):
- k) Sequencing (NGS) workshop -XVII UP UK

MICROCON 2021 (Virtual pre-conference workshops & Conference from 22/03/2021 to 23/02/2021):

- l) Annual National Conference of Epidemiological Association of India (EFICON 2020 – Hybrid Mode) – Pre conference workshop on All India Institute of Medical Sciences, Rishikesh - 18th December 2020.
- m) National workshop on Research Methodology AIIMS DEOGHAR- 16th - 20th February 2021
- n) Webinar on Innovative teaching and learning methods -KMCXC Mangaluru-19th September 2020
- o) CIDSCON(Clinical Infectious disease Society) 10 Annual Conference-21st -29th November 2020
- p) 2nd Chapter Virtual Meet of Indian Association of Medical Microbiologists, Delhi Chapter dedicated to World Sepsis Day on 11-12 September 2020
- q) COVID 19 Bio Medical Waste Workshop organized by Toxics Link. (Certified by CPCB) 22nd September, 2020
- r) Competency Based Medical Education (Microbiology) Course by-April 2020 to July 2020,
- s) EBM-PGIMER 2020.
- t) Web of Science training and certification Program September 7th 2020
- u) EndNote Training & Certification Program 2020
- v) Training on donning, doffing, PPE, personal hygiene, cleaning and disinfection, Do's & Don'ts by Department of Medical Education at AIIMS, Rishikesh 2020
- w) Quizmaster in XVII UP-UK MICROCON 2021 Micromania quiz on Infectious Diseases-23rd March 2021
- x) Resource Faculty for National Board of Examination MCQs item writing workshop organised by NBEMS – 8th March 2021
- y) Resource Faculty in Webinar/CME on NTEP update at AIIMS Rishikesh – 26th February 2021
- z) Resource Faculty in Orientation Programme of MBBS 1st Prof students 2020 Batch -February 2021.

#### Other participation :

- a) STD/RTI for students of Masters of Public Health (MPH) -18th February 2021 at AIIMS Rishikesh 2021.
- b) COVID module- History of Outbreaks, Epidemics & Pandemics- 18th January 2021 at AIIMS Rishikesh
- c) Research Report Writing –Research Methodology Workshop for PG students 24th November 2020 at AIIMS Rishikesh
- d) Resource Faculty for IGNOU on PGCMDM – CBRNED
- e) Resource Faculty for National Viral Hepatitis Control Program Capacity Building Workshop for Physicians in Uttarakhand -2020-21.
- f) Resource Faculty for National Viral Hepatitis Control Program Capacity Building Workshop for Lab technicians in Uttarakhand -2020-21.
- g) Judge for E-presentation session in E-MICROCON (Virtual pre-conference CME & Conference conducted by Indian Association of Medical Microbiologists on e-paper session on “Antimicrobial Resistance, Genomics and Proteomics” - 08th to 11th December 2020
- h) Chairperson and a Resource Faculty for pre-conference workshop on “Developing Skills in Handling Antimicrobial Resistance” in the National Conference of Epidemiology Foundation of India (EFI) held on 18th December 2020, at AIIMS Rishikesh .
- i) Resource Faculty in Workshop on MCQs-Types and relevance of different Multiple-choice Questions for Faculty 2020
- j) Panelist in Panel Discussion ‘Accelerating Cervical Cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative’ Topic- What are the different clinically validated tests available for HPV screening? What is your experience with these tests? - 17th November 2020
- k) Presiding over the session at the Virtual Symposium on Holistic and Molecular approaches of COVID -19 organized by Department of Biochemistry, AIIMS, Rishikesh. 2020
- l) Guest Faculty in workshop on “Statistics Made Easy: Virtual SPSS Workshop on Basics and Beyond. Organised by Integrated Association of Medical, Basic and Social Scientists (IAMBSS) in association with National Institute of Nursing

- Education, PGIMER, Galgotias University and Chandigarh University-31st October 2020.
- m) Resource Faculty for Online Training Workshop on Objective Assessment: Clinical Vignette / Multiple Choice Questions -25th September 2020
  - n) Resource Faculty on Formulating a Research Question, AIIMS Bathinda- 6th October 2020
  - o) Facilitator for Workshop on Skill Enhancement on Effective Digital Presentation (PowerPoint) by Department of Medical Education at AIIMS, Rishikesh August 2020
  - p) Delivered talk on COVID at All India Radio Dehradun –June 2020
  - q) Resource Faculty in Webinar COVID 19 on VIROLOGY –Origin and Basics of COVID 19-May 2020
  - r) Resource person in more than 17 formal training sessions through CPD for training of healthcare workers regarding awareness of COVID-19 appropriate behaviour, Infection prevention and control.
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master**
- a) ASM webinar on 2nd and 3rd July, 2020
  - b) Web of Science training and certification Program Sept 7 2020
  - c) End Note Training & Certification Program 2020

**Dr Neelam Kaistha  
Professor**

- 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) “Covid 19: Opportunity to reform assessment” held on 21st July 2020. Dept of Physiology AIIMs Rishikesh
  - b) CIDSCON 2020 10th Annual conference of Clinical Infectious Disease Society 21st to 29th November 2020
  - c) All you need to know on publication success and navigating journal workflow workshop , AIIMs Rishikesh 21st August 2020
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master**
  1. COVID-CON Global 2020 held on April 11, 2020
  2. PACE – Continuing Education Credit Nucleic Acid Purification - Understand the details, tackle the routines Apr 30, 2020
  3. WHO Record of Achievement on Standard Precautions Environmental cleaning & Disinfection June 3rd 2020
  4. American Society for Microbiology (ASM) on Combating with the Millenium Pandemic 2nd to 4th July 2020
  5. AMR Masterclass Webinar Antimicrobial Stewardship in Pandemic times: Role of Diagnostic Data Surveillance 29th July 2020

6. COVID-19 associated Aspergillosis: Immunology, Diagnosis and Treatment 30 July 2020 by European Confederation of Medical Mycology
7. The International Forum on safety and healthcare virtual workshop. Leadership for culture and change during COVID 19 on 6th August 2020
8. Springer Nature User Awareness Session at AIIMS Rishikesh 26th August 2020
9. AMR Masterclass Webinar Challenges of Infection Prevention in Pandemic times. How good is good- Learnings from Pandemic in approaching HAI and TB 2nd September 2020
10. Web of Science training and certification Program Sept 7 2020
11. AMR Masterclass on Implementing Best Practices in Blood Cultures- 25th November 2020 Are We doing Enough
12. AMR Masterclass Diagnosing Carbapenases; Phenotypic versus Genotypic Methods 16th December 2020
13. EndNote Training & Certification Program 2020

**Dr Balram Ji Omar**  
**Additional Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Conducted as Chairperson - a workshop on Sequencing (NGS) – In UP -UK MICROCON 2021
  - b) JURY member & Coordinator in AWARD session of Bacteriological Section of Oral paper presentation in UP-UK MICROCON 2021
  - c) Participated as a Chairperson -In UPUK MICROCON 2021 (Theme- EPIDEMIC PRONE INFECTIOUS DISEASES OF RELEVANCE IN CURRENT SCENARIO )-(IN Free Oral Paper session)-AIIMS Rishikesh -March 2021
  - d) Organised and participated as Panellist in CAHO-LABCON (international conference) organised by CAHO
    - a. (Consortium of Accredited Healthcare Organisation with NABL) -March 2021
    - e) 2 March 2021 – webinar Clinical communication in Challenging Situation -CAHO &

ISQUA

- f) 17 March 2021 – Webinar 5 S Effective tool for workplace – National Productivity Council Ministry of Commerce & Industry (GOI)
- g) 27 March 2021 – Participated in First International Diagnostic Conclave (Theme -Strategic Planning and quality Management) – Organised with CAHO with NABL

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) 2-31 October – Participated in Panel Discussion on Gut Microbiome for In International Coordination in VAIBHAV Summit organised by NITI Ayog GOI .
- b) 7-8 October 2020- Participated in AIIMS-ADM -2020 with a theme of Antibiotic Resistance :Renewed Fight) -Organised by AIIMS Delhi & The American society of Microbiologist
- c) 2 FEB 2021 – Human Patient care safety – International webinar series – CAHO & ISQUA (International Society for quality Healthcare)
- d) Invited talk & panel discussion – for covid status and strategy -in Ireland -India Day (16 august 2020) -Organised by Ireland India Council of Ireland
- e) Invited talk on molecular mechanism of ESS (type 7) secretion system secreted by staphylococcus aureus in relation to host immune response during infection in EUROSCICON, society for emergency medicine (International European science conference) -25 august 2020

**3. Awards & honours received**

Received Appreciation & Recognition Trophy and certificate as Covid Warrior – in march 2021 at AIIMS Rishikesh approved by MoHFW (GOI)

**Dr Deepjyoti Kalita**  
**Associate Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**  
Coordinator of a workshop on “IFA

techniques in diagnosis of autoimmune disease: - in 19th UPUK Microcon held in 2020 at AIIMS Rishikesh

## 2. Award/honour received

- a) Certificate of appreciation by International Association of Lion's clubs, district 321-C1 on the occasion of National Doctor's day 2020
- b) Teacher's day award 2020, by AIIMS Rishikesh on for contribution in COVID care.
- c) "Smriti Pattika" by AIIMS Rishikesh for services during COVID – March 2021.
- d) Amar Ujjala "Corona Karmvir" award for services during Covid pandemic 2020 - by honourable Chief Minister, Uttarakhand
- e) National Education Brilliance Award for "Excellence in Research" 2020 – recognition of our publication "Kalita D, Deka S, Chamuah K. Circulation of an atypical hepatitis C virus (HCV) strain at a dialysis unit in northeast India. Microbiologyopen. 2021 Jan;10(1):e1147" (an impact factor 3 journal)
- f) External Member of Task force for Facility creation for COVID-19 testing in CSIR-IIP, Dehradun

## Dr. Mohit Bhatia Assistant Professor

### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Training on donning, doffing, CPR (as per AHA guidelines in COVID-19 cases), PPE, personal hygiene, cleaning and disinfection, Do's & Don'ts (Department of Medical Education) .AIIMS, Rishikesh
- b) CIDS-Webinar series-1 on COVID-19-Clinical Infectious Diseases Society
- c) CIDS-Webinar series-2on COVID-19-Clinical Infectious Diseases Society
- d) Interpretation of COVID-19 results (Webinar)-Path Kind Labs
- e) Physician updates on COVID-19, Strategies of COVID intervention (Webinar)-AIIMS, Rishikesh
- f) Coffee with COVID-19 Experts-FAQs on COVID (Webinar series)-Indian Association of Medical Microbiologists-

### Delhi Chapter

- g) Diagnostic and Clinical Panorama of COVID-19 with case vignettes-(Webinar) Indian Association of Medical Microbiologists-Delhi Chapter
- h) IPC Masterclass-Biosafety (Webinar series)-Infection Control Academy of India
- i) Online Workshop on "Evidence Based Medicine"(Webinar series)-PGIMER, Chandigarh
- j) International webinar on COVID-19: Opportunity to reform assessments (Webinar) AIIMS, Rishikesh
- k) Antimicrobial Stewardship -in Pandemic Times: Role of Diagnostic Data surveillance...Now and Beyond! Real world Experience (Webinar) -Indian Association of Medical Microbiologists-Delhi Chapter
- l) Workshop on Skill Enhancement on Effective Digital Presentation (PowerPoint) (Department of Medical Education) AIIMS, Rishikesh
- m) Can Artificial Intelligence/Machine improve India's Health? (Guest lecture) AIIMS, Rishikesh
- n) Evidence based approach in sepsis management Indian Association of Medical Microbiologists-Delhi Chapter (2nd virtual meet)
- o) ET Health world Digital Conclave: COVID Testing Essentials-ET Health world
- p) Antibiotic Resistance: Renewed Fight-AIIMS ASM 2020 Webinar series
- q) Webinar on IPR with Special Reference to Medical Research Organizations-AIIMS Rishikesh
- r) 10th CIDSCON 2020 Virtual Conference-Clinical Infectious Diseases Society of India
- s) E-MICROCON-Virtual pre-conference CME & Conference(Judge for E-presentation session on 10/12/2020)-Indian Association of Medical Microbiologists
- t) CIDS-Webinar All about COVID vaccines-Clinical Infectious Diseases Society of India
- u) MICRO-D-CON Virtual pre-conference CME & Conference-Indian Association of Medical Microbiologists Delhi Chapter
- v) IAMM-Delhi Chapter Annual Meet online-Indian Association of Medical Microbiologists Delhi Chapter

- w) International Webinar under Anaerobic Forum India on the theme of "Anaerobes: Microbes of the Millennium" Jointly organized by All India Institute of Medical Sciences, New Delhi and American Society for Microbiology
- x) XVII UP UK MICROCON 2021 (Treasurer and session co-ordinator for MALDI-TOF workshop, AMR surveillance in India: ICMR report' oral and poster sessions) All India Institute of Medical Sciences Rishikesh
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master**
- a) Infection Prevention and Control (IPC) for Novel Corona virus (COVID-19) OPEN WHO ONLINE COURSE/TRAINING
- b) ESCMID webinar on COVID-19 European Society of Clinical Microbiology and Infectious Diseases
- c) RSTMH Presidential address and mid-term strategy review (Webinar) Royal Society of Tropical Medicine & Hygiene
- d) Combating with the millennium pandemic COVID-19 (Webinar) American Society for Microbiology (ASM)
- 3. Award/honour received**
- a) Inducted as Global Assessor by Royal Society of Tropical Medicine & Hygiene in December 2020.
- b) Appointed as Moderator for Global Health & Humanitarian Medicine course conducted by Medecins Sans Frontiers for DTM&H examination
- c) Appointed as Member of Research & Review committee-Undergraduate projects
- d) Judge for e-poster competition during MICROCON 2020
- e) Resource Faculty for Research Methodology course at AIIMS, Rishikesh
- f) Editorial Board Member of Acta Scientific Microbiology Journal
- a) Webinar on International Webinar on "Psychological well-being among youth during COVID-19;" on 26th August, 2020
- b) Online workshop on "All you need to know for publication success and navigating journal workflow" on 21st August, 2020
- c) AMR Masterclass Webinar on 19th December 2020
- d) Webinar on "Role of indigenous food items in health and disease- A perspective from UTTARAKHAND" on 1st September, 2020
- e) Webinar on "Essentials of Medical writing" on 25th September, 2020
- f) Webinar on Generating the Highest Level of Evidence through Systematic Review and Meta-analysis: Best Alternative for Hospital Based Projects During the Current Pandemic Situation" on 28th and 29th August, 2020
- g) Good Clinical Practice Virtual workshop-2020 on 18-20th December,
- h) Online training of Infection Prevention and Control (IPC) for COVID-19 Virus by WHO on 8th August 2020
- i) DIAGNOSTIC WEEK; National Conference held on 21st - 27th September 2020
- j) 2nd virtual chapter meet of IAMM Delhi Chapter on 11-12th September, 2020 dedicated to World Sepsis Day.
- k) Webinar on "Interpretation of Antibiograms: Physician's perspective & Management of MDR organisms" on 20th November, 2020
- l) Webinar on Challenges of Infection Prevention in Pandemic Times: How good is good... Learnings from Pandemic in approaching Hospital Acquired Infections and Tuberculosis on 2nd September, 2020.
- m) Webinar on Carbapenem Resistance – 'The North India Summit' on 12th February, 2021
- n) 14.: AIIMS ASM 2020 Webinar, 7th to 8th October 2020
- o) XVII UP-UK MICROCON- 2021 (e-Conference) on the theme; Epidemic Prone Infectious Diseases of Relevance in Current Scenario; organized by Department of Microbiology, All India Institute of Medical Sciences, Rishikesh on 22-23 March 2021.

**Dr Amber Prasad**  
**Assistant Professor**

- 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Dr Biswajeet Sahoo**  
**Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Laboratory Management Systems & Internal Audit as per ISO 15189-2012”
  - b) Online Training on “How to Improve your City/Town ranking under Swachh Survekshan”
  - c) Online Training Workshop on Objective Assessment: Clinical Vignette / Multiple Choice Questions Sequencing (NGS)
2. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master**

Sweden Innovation Days programme





# DEPARTMENT OF NEUROSURGERY



teaching of neurosurgery residents



teaching of neurosurgery residents



Neurosurgery covid pledge

## 8.21 NEUROSURGERY

The Department of Neurosurgery at AIIMS Rishikesh stays true to its long-standing legacy and the unwavering pursuit of its mission: Dedication to providing technically superior, compassionate, and timely medical care to its patients. Today, the department is a tertiary regional referral center and is working towards establishing an international reputation for both clinical and academic excellence. It plays a vital role in emergency trauma services in addition to performing elective surgeries. The team uses a multidisciplinary approach to provide a complete range of services for the diagnosis, treatment and rehabilitation of patients with neurological disorders.

### Educational goals:

It is our goal to produce neurosurgeons who are not only skilled in the technical aspects of their specialty, but who also appreciate the humanistic side of the practice of medicine, and are committed to dealing with patients and families in a compassionate and humanistic way.

We recognize that each resident brings their own specific talents, challenges, and career goals to our program. Our faculty members

meet regularly with each resident to allow an ongoing evaluation of how the training program is benefiting that resident, and to mark the resident's progress within it.

Our program is organized around subspecialty rotations that allow an in-depth clinical experience in all areas of neurosurgery, during which residents see patients at the initial clinic evaluation and then follow them through the treatment and post-operative portions of their care. Through these experiences, together with our commitment to each individual trainee, our goal is to produce neurosurgeons who have a deep and thorough understanding of all our field's aspects and possibilities.

While we're committed to training excellent neurosurgeons as our primary goal, we also want our trainees to continue contributing to our field's advancement throughout their careers. Indeed, one of our prime objectives is to encourage residents to pursue academic careers that will enrich the specialty further. At the same time, it is stressed that our field primarily provides service to our fellow man; our efforts must have value to each individual patient, and the financial and human cost must always be justified.

### Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr.R.S. Mittal	Professor
2	Dr Rajnish Kumar Arora	Associate Professor
4	Dr.Nishant Goyal	Associate Professor
5	Dr.Jitender Chaturvedi	Assistant Professor
6	Dr.Rajasekhar Rekapalli	Assistant Professor
7	Dr.Saravanan S.	Assistant Professor
8	Dr.Rakesh Kumar Sihag	Assistant Professor

### I) Departmental activities :

#### 1. Academic activities

##### Postgraduate

Monthly schedule for postgraduate

Monday	- Neuroradiology meet
Tuesday	- journal clubs
Wednesday	- Seminars
Thursday/Friday	- clinical case discussion
Saturday	- Monthly clinical assessment of postgraduate with MCQs and OSCE

##### Undergraduate

Final year MBBS clinical teaching

#### 2. OPD Services

Total OPD patient – 2086

OPD Days of Neurosurgery department is as follows:

Monday-	Dr. Rajnish K. Arora
Tuesday-	Dr. Nishant Goyal
Wednesday-	Dr. R.S. Mittal/Dr. R.K.Sihag
Thursday-	Dr. Jitender Chaturvedi
Friday-	Dr. Rajasekhar Rekapalli
Saturday-	Dr. Saravanan S.

#### 3. IPD Services - Total IPD patients - 927

##### Major/Minor OT Services

- Total major case operated - 487
- Total minor case operated - 5

#### 4. Health awareness/ educational activities organized by department

- a) Educational and awareness talk for relatives and general public on world brain Tumor day (8th June) was conducted
- b) Educational and awareness talk for relatives and general public on world trauma day (17 October) was conducted
- c) Educational and awareness talk for Nursing / paramedical / relative on Tracheotomy / Catheter care in Neurosurgical patients

#### 5. New initiative of department

We are working on state of the art Hybrid operation theatre with intraoperative CT scan and image guidance which will be functional soon.

Started simulation training (cadveric dissection+ models) for neurosurgery residents

#### 6. Future plan

- a) It is our future plan to start cadaveric dissection lab in collaboration with department of Anatomy for postgraduates' hand on training in Neurosurgery and for research activities.
- b) We are planning to start minimally invasive spine surgeries in our department.
- c) We are also planning to start Specialty clinics in Neuro oncology and cerebrovascular surgeries / epilepsy surgery
- d) Clinical Services: to start endovascular and image guided surgeries

#### II) Faculty activities :

**Dr. Rajnish Kumar Arora**  
Associate Professor & head

#### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

"Teaching Faculty and ATLS Trainer", ATLS Course Conducted at AIIMS, Rishikesh, August 6-8, 2020.

#### 2. Participated in InternationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Moderated an International webinar on Adult spinal deformity: current concepts on 31 October 2021 as chairperson

- b) Moderated an International webinar on day care and awake spinal surgery: challenges & future directions on 22 November 2020 as chairperson
- c) Training in neuroendocrinology under Agies of World federation of Neurosurgical societies 30-31 January 2021.

#### 2. Awards & honours received

- a) Facilitated by Director AIIMS Rishikesh on World Doctors day (Doctors day award) 1 July 2020
- b) "Certificate of Appreciation" by Department of Transfusion Medicine, AIIMS, Rishikesh, 12 September 2020

**Dr. Jitender Chaturvedi**  
Assistant Professor

#### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) "Teaching Faculty and ATLS Trainer", ATLS Course Conducted at AIIMS, Rishikesh, August 6-8, 2020.
- b) "Teaching Faculty and ATLS Trainer", ATLS Course Conducted at AIIMS, Rishikesh, January 7-9, 2021.

#### 2. Participated in InternationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

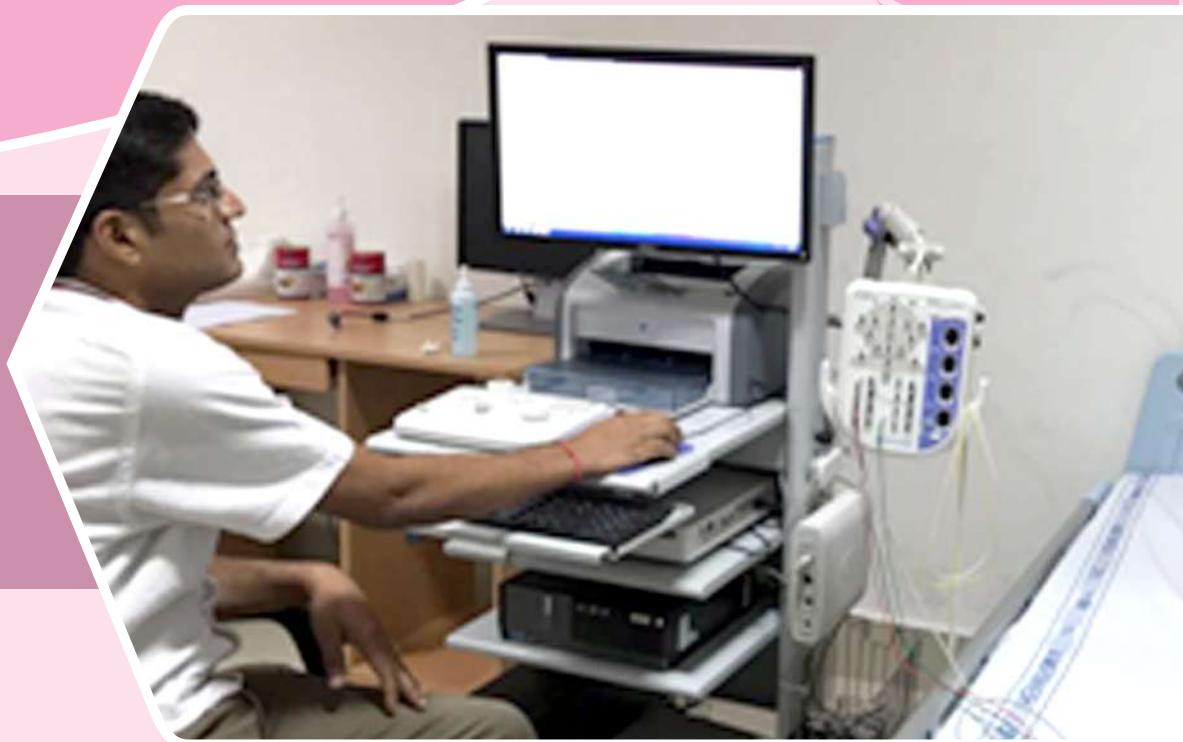
Invited International Presentation in weekly academic session organised by Neurosurgery Chair at Mayo Clinic, Phoenix, Arizona, USA on July 31st, 2020.

#### 3. Awards & honours received

- a) Memory Plaque for Excellent Services amidst the Covid-19 Pandemic and Lockdown period by Govt. of India, AIIMS, Rishikesh on March 28th, 2021.
- b) Certificate of Appreciation on Occasion of World Trauma Day, October 17th, 2020, for contribution in management of Trauma Patients at Trauma Centre.
- c) Twice "Certificate of Appreciation" by Department of Transfusion Medicine, AIIMS, Rishikesh on June 18th, 2020 and on October 17th, 2020.



## DEPARTMENT OF NEUROLOGY



## 8.22 NEUROLOGY

With a fully functional Neurology out-patient and in-patient services including an independent Neurology intensive care unit with significantly low infection risk. Providing best possible care to patients with neurological emergencies including acute stroke has always been our top-most priority. Our neurophysiology laboratory, with addition of newer investigations, has significantly contributed towards patient management. To date we have been successful in maintaining outstanding record of comprehensive patient care, academics and training of students along with significant contribution to the scientific literature in terms of research work and publications in various

subspecialties including movement disorders, stroke, neuro-muscular disorders, headache, sleep and neuroimmunology. The department is running several subspecialty clinics and aims to develop advance care facilities including deep brain stimulation and epilepsy surgery programs in collaboration with neurosurgery and enhance its neurophysiology laboratory to a state-of-the-art facility. In addition, we plan to strengthen tele-neurology services and provide awareness about neurological disorders up to the grass root level using mobile clinics and involve primary health care centres in early management of acute ischemic stroke patients.

Department has following members –

Sl.No.	Name of Faculty	Designation
1	Dr. Niraj Kumar	Additional Professor
2	Dr. Mritunjai Kumar	Assistant Professor
3	Dr. Ashutosh Tiwari	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities

##### Undergraduate

One theory lecture (Tuesday) & one clinic (Wednesday) per week

##### Postgraduate

- Daily academic rounds in Neurology ward
- Saturday clinical grand rounds
- Neuroradiology class weekly
- One Journal club every week
- One case presentation weekly
- One class on electrophysiology and basics of neurology weekly

#### 2. OPD Services

General Neurology Screening OPD – 6 days/week- Monday to Saturday (in view of COVID surge) General Neurology OPD was resumed from 01/03/2021.

However, OPD services were stopped again from 09/04/2021.

Total patients served in Screening OPD : 2770

Total patients served in General Neurology OPD :1359

To facilitate the care of neurology patients in real need, patients referred to

Neurology from other departments or hospitals were seen in the screening OPD or Neurology laboratory.

#### 3. IDP Services

Initially we managed 20 bed Neurology ward ( General ward- 14 beds, Neurology HDU-4 bed Private ward -2 beds).

However, in view of COVID surge and to provide comprehensive COVID care, the Neurology ward was shifted to Endocrinology ward with number of Neurology beds reduced to 12. We also managed patients in CCU, Medicine HDU and COVID CCUs. The faculties and senior residents of Neurology department were divided into two teams (with periodical rotation of all faculties and senior residents), with one taking care of the Neurology service and the other routinely involved in comprehensive COVID care too.

Total patients admitted under Neurology: 577 (Approx. 50 patients/ month)

Total peripheral consultations attended (1.4.2020 – 31.3.2021): 1491 (Approx. 125 consultations/month)

#### 4. Diagnostic services

Electrophysiology Lab – NCS, EMG, EEG & Evoked potentials (VEP, BERA)

Total electrophysiology tests done from April 1, 2020 – March 31, 2021: 1348 (Approx. 115 tests/ month)

### 5. Special Clinics

<b>Neuroimmunology clinic :</b>	Monday (2.00pm to 4.00pm)
<b>Epilepsy Clinic :</b>	Tuesday (2.00pm to 4.00pm)
<b>Movement Disorders Clinic :</b>	Wednesday (2.00pm to 4.00pm)
<b>Stroke Clinic :</b>	Thursday (2.00pm to 4.00pm)
<b>Botulinum Toxin Clinic :</b>	Thursday (2.00pm to 4.00pm)
<b>Headache Clinic :</b>	Friday (2.00pm to 4.00pm)
<b>Nerve Muscle Clinic :</b>	Friday (2.00pm to 4.00pm)

### 6. Health awareness / educational activities organized by department

- Parkinson Disease Day - April 11, 2020.
- Multiple Sclerosis Day - May 30, 2020
- Brain Tumor Day - June 8, 2020.
- Spinal Cord Injury Day - Sept 5, 2020.

### 7. New initiative of department

#### a) Neurology ward

- Neurology HDU was converted to Neurology ICU
- Two separate Private beds for Neurology service was started.

#### b) Neurophysiology lab:

- Fully functional Somatosensory evoked potential, Cognitive potential and Bereitschafts - potential recording.
- Neurophysiology in movement disorders with recording of different types of tremor and dystonia using surface EMG

#### c) Movement Disorders procedure:

EMG guided botulinum toxin injection for focal dystonia

#### d) Neuromuscular procedure:

Local steroid injection for Carpal-tunnel syndrome

#### e) New additions in the DM Neurology academics

- Neuro-radiology rounds every Monday (in collaboration with Radiology department)
- Neuro-anatomy and Neuro-physiology meetings

### 8. Other activities / achievement by Department

- Dr. Govind Madhaw participated and presented in National Webinar of Movement Disorder Society of India on June 13, 2020
- Dr. Nikita Dhar participated and presented in National Webinar of Movement Disorder Society of India on August 29, 2020

### 9. Future plans

- Strengthening and expansion of existing Neurology outdoor and indoor services
- Starting a Movement disorder program and deep brain stimulation surgery for patients with advanced Parkinson's disease in association with the department of Neurosurgery
- Starting an epilepsy monitoring unit and epilepsy surgery in association with the department of Neurosurgery
- Starting a state-of-art Neuromuscular lab
- Starting a separate stroke ICU
- Portable EEG/ NCS services
- Starting Plasma exchange services in Neurology ward
- Starting Autonomic Function Lab
- Starting a Gait Lab
- Starting a Neuromodulation unit in association with the department of Psychiatry

## II) Faculty activities

### Dr. Niraj Kumar Additional Professor

#### 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master) (1st April 20 to 31st March 2021)

Invited to participate as a speaker in the "Ataxia Module" in the first Rare Movement Disorders Symposium, India on February 27-28, 2021.

**2. Awards & honours received**

Elected as a member of the Executive Committee of Movement Disorders Society of India

**Dr. Mritunjai Kumar**  
**Assistant Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest lecture on neuro-electrophysiology
- b) Paper presentation at “Neuro-2020 conference” Dec 17, 2020 10:00 AM – 13:30 PM (IST)



## DEPARTMENT OF NEPHROLOGY



## 8.23 NEPHROLOGY

Department of Nephrology came into existence in March 2019, with commencement of Nephrology OPD & IPD services. Although Dialysis services were already being run by Department of Medicine, Department of Nephrology had begun process of establishing a new and much larger Hemodialysis Unit & also started work on Kidney Transplant Program.

A Senior Nephrologist from AIIMS New Delhi, Prof Bhowmik & an alumnus of PGIMER, Chandigarh, Dr Vikram Singh, were inducted as Visiting Faculties. Total four faculties had joined in 2019 as Assistant professor on regular basis to run the department under guidance of these senior nephrologists. As of now, Department of Nephrology is providing OPD, IPD, Hemodialysis and Interventional Nephrology services, at affordable prices to people of Uttarakhand & of nearby areas and is dealing with all sorts of patients with Kidney diseases. The Kidney transplant program was also started after getting due permission from the authorities after getting delayed because of ongoing Covid19 pandemic.

DM Nephrology course was started in January 2020 and total 4 trainees are currently undergoing rigorous clinical and academic training and emphasis is laid upon their overall development including soft skills. A Board of studies including three Indian and one international senior faculties other than the internal faculties of AIIMS Rishikesh, was made to discuss and finalise the DM curriculum and to guide us with their knowledge and experience.

A new Haemodialysis Unit which was planned in 2019, was finally started on PPP mode by 7Med Private Ltd. and inaugurated by Mr. Ashwani Kumar Chaubey, Honourable Union Minister of State, Health and Family welfare. The unit is

providing world class services to patients with Acute and Chronic kidney disease while older in-house HD unit is providing bedside HD services to the most critical patients in both Covid and non-Covid areas. Over this period, Department of Nephrology has been working tirelessly in getting started Kidney Transplant Program, in this institute. The approval for the same has been obtained, and now we plan to do, as soon as possible, the first kidney transplant in any public healthcare institute in Uttarakhand.

### Mission statement: -

#### A) Clinical -

1. To provide quality healthcare for treatment and prevention of kidney diseases at affordable price to the weakest section of society.
2. To develop state of art Regional Dialysis Centre.
3. To develop internationally acclaimed Kidney Transplant Unit.

#### B) Research –

1. To begin research and clinical trials in the field of Nephrology, Dialysis and Renal Transplantation.
2. To make MoUs with Indian and foreign universities to excel in the field of research.

#### C) Academics –

1. To begin Post-Doctoral Fellowship course in Renal Transplantation.
2. To begin Post-Doctoral Fellowship course in Interventional Nephrology.

### Department has following members

S.No.	Name of Faculty	Designation
1	Dr. Vikram Singh	Adjunct Professor (Visiting faculty)
1	Dr. Gaurav Shekhar Sharma	Assistant Professor
2	Dr. Dipesh Kumar Dhoot	Assistant Professor
3	Dr. Sharon Kandari	Assistant Professor
4	Dr. Sandeep Saini	Assistant Professor

**I) Departmental activities:****1. Academic activities****Undergraduate**

- a) Total number of classes taken – 16
- b) Postgraduate (Medical/Nursing/other)
- c) MD clinics for Medicine residents – once every month
- d) Seminars for Medicine residents as and when requested by medicine department
- e) Specialty DM Nephrology classes –
- f) Four academic sessions per month including –
  - o Journal club
  - o Literature Review
  - o Seminar
- g) Monthly assessment of DM resident at the end of every month
- h) Attended web masterclass 2021 – 1st edition organised by Indian society of Nephrology
- i) Enrolled in the 1st Online PD catheter insertion program supported by PDSI.

**2. OPD Services:**

- a) OPD Services began on 25/03/2019
- b) Nephrology OPD halted from Apr 2020 to Feb 2021 due to Covid19. Nephrology consultations during this period were being provided by nephrology department at screening OPD area.
- c) OPD restarted in March 2021, seen 304 patients.

**3. IPD Services:**

- a) Admissions –
 

Total number of admissions	- 389
Average number of admissions per week	- 08
- b) Insertion of Tunnelled HD catheter - 28
- c) Kidney Biopsies –
 

Total number of biopsies performed-	33
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**4. Major/Minor OT Services:**

- a) Major O.T. – Non applicable
- b) Minor O.T./Services – AV Fistula creation surgeries were started in 2019 but presently it is on hold due to Covid19 related restrictions on elective procedures.

**5. Special Clinics:**

- a) Glomerular Diseases clinic
- b) Kidney Transplant clinic

These clinics were on hold during April 2020 – Feb 2021 due to Covid19 related restrictions.

Number of patients seen in march 2021 –Kidney transplant clinic – 5

**6. Health awareness/ educational activities organized by department**

No public activity done due to ongoing Covid19 pandemic restrictions.

**7. CME / workshop / conference / training organized by department**

- a) No physical workshop/conference/guest lectures were organised due to covid19 restrictions
- b) One CME webinar was organised on Zoom platform in August 2020.
- c) Agenda – Vasculitis – A Nephrologist's perspective
- d) Dr. Dipesh Kumar Dhoot, Asst. Prof, AIIMS Rishikesh (Speaker) - Managing Resistant ANCA Vasculitis
- e) Dr. Sharon Kandari, Asst. Prof, AIIMS Rishikesh - Unusual presentation of IgA vasculitis
- f) Dr. Sandeep Garg, Nephrologist, Nutema Hospital, Meerut (Speaker) - Introduction to RPRF

**8. New initiative of department**

- a) New Hemodialysis unit was started on PPP mode with current capacity of 13 HD machines and 1 HDF machine and future expansion capacity upto total 30 machines.
- b) The kidney transplant program was inspected by the competent authority and permission was granted to start kidney transplant.

**9. Future plans of department****Clinical Services: -**

- a) Start Kidney transplant and maintain a good frequency with help from Urology department to limit the waiting period for ESRD patients.
- b) Start Deceased donor kidney transplantation and ABOi kidney transplantation.

- c) Expansion of the newly started HD unit to maximum capacity to benefit maximum number of patients.
- d) Establishment of PD program and PD clinic for regular follow up of these patients.
- e) Restart the Nephrology OT with help from Urology / CTVS department to reduce dependency on catheters for hemodialysis access.
- f) Expand the interventional nephrology with help of Interventional Radiology department to start Endovascular management of AVF complications.

**Teaching –**

- a) Start interdepartmental academics including Nephro-Urology meet, Nephro-Radiology meet, Nephropathology class and with other clinical specialties.
- b) Organise more CME / webinar / conferences with lectures from reputed national and international faculties.
- c) Include interventional nephrology as a routine part of DM nephrology curriculum with hands-on training of nephrology trainees with help from IR department.

**Research -**

Involvement in Extra-mural projects & clinical Trials.

**II) Faculty activities :**

**Dr Dipesh Kumar Dhoot  
Assistant Professor**

1. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

South East Asia Diabetes Foundation Conference (SEADFCON 2020) – participated as chairperson.

**Dr Sandeep Saini  
Assistant Professor**

1. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

South East Asia Diabetes Foundation Conference (SEADFCON 2020) – participated as chairperson.

# DEPARTMENT OF NEONATOLOGY



Teaching and demonstration of mothers and residents



KMC bag designed in NICU.



Follow up of a 700 g neonate



Developmentally supportive care in NICU

## 8.24 NEONATOLOGY

Our Vision: Compared to western world, neonatal mortality rate is still very high in India. The state of Uttarakhand and its adjoining area records even a higher neonatal mortality amongst the states of India. The Department of Neonatology, AIIMS Rishikesh made a modest beginning in November 2017 to provide comprehensive services to neonates of the state of Uttarakhand and surrounding areas. Presently we are having a 30-bedded neonatal intensive care unit (NICU) and are providing tertiary care and follow-up services to both

inborn and outborn neonates with round-the-clock neonatal emergency services. DM Neonatology course has been started since July 2018.

Our Mission: We are committed to bring an overall quality improvement in neonatal care of the state, decrease neonatal mortality to a single digit with intact neurological survival and develop the department as a neonatal teaching, training and research hub.

### Department has following members –

Sl.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Prof. Sriparna Basu	Professor & Head
2	Dr. Poonam Singh	Assistant Professor
3	Dr. Mayank Priyadarshi	Assistant Professor
4	Dr. Suman Chaurasia	Assistant Professor

### I) Departmental activities :

#### 1. Academic activities Undergraduate

MBBS Lecture classes, Bed-side clinical classes, Tutorials and Integrated Teaching classes

Clinical demonstration classes for Nursing Officers and Nursing students, Online flip classes for undergraduate students.

#### Postgraduate

Bed-side clinical classes, Tutorials, Seminars, Short presentations, Clinical Audits, Mortality meets, Journal Club and monthly examinations with clinical vignettes and OSCEs for Post-graduates (MD Pediatrics and DM Neonatology)

#### 2. OPD Services

Morning OPD and afternoon high-risk follow up clinics thrice weekly (Monday, Wednesday & Saturday)

#### 3. IDP Services:

Presently we are looking after 30-bedded NICU and 30-bedded postnatal ward. All deliveries are being attended by neonatology SRs.

#### 4. Diagnostic services:

a) We run a bed-side laboratory for estimation of ABG, Electrolytes, serum bilirubin, CRP, Procalcitonin, D-dimer, micro-ESR,

blood sugar, urine microscopy, CSF microscopy, Transcutaneous bilirubimetry, ECHO, Doppler, USG, Automated BERA for universal hearing screening

b) Monitoring – SpO<sub>2</sub> and other vital monitoring, invasive BP monitoring, NIRS

c) Other lab services are provided by the Departments of Biochemistry, Pathology and Microbiology, other support services are provided by other Departments such as Pediatrics Cardiology Division of Pediatrics, Radiology and Ophthalmology (ROP Screening).

#### 5. Major/Minor OT Services

Procedures such as central line placement, exchange transfusion, thoracic drainage, peritoneal dialysis are done bed-side in NICU.

#### 6. Special Clinic

High-risk and neurodevelopmental follow up clinic run thrice weekly

#### 7. Health awareness/ educational activities organized by department

Regular activities done to improve neonatal care among mothers attending AIIMS Rishikesh

#### 8. CME / workshop / conference / training organized by department

a) Neonatal Resuscitation Program – once every 2 months

- b) Simulation-based workshop - monthly
- c) Breast feeding week celebration
- d) World Prematurity week celebration

#### 9. **New initiative of department**

Started a skill lab to provide hands on training in neonatal care and use of neonatal equipment for residents and nursing officers.

#### 10. **Other activities / achievement by Department**

Regular Quality-Improvement Initiatives involving faculties, residents and nursing officers.

#### 11. **Future plans of department**

- a) To develop neonatal skill lab and simulation training center in neonatology
- b) Establishment of human milk bank
- c) To start ECMO services
- d) Implementation of JSSK
- e) Regular training of Medical Officers and Neonatal Nurses across the State
- f) Observership of trained Medical Officers and Neonatal Nurses in AIIMS Rishikesh for a period of 2 weeks
- g) Regular mentoring visits to SNCUs of Uttarakhand
- h) Establishment of a database of newborn morbidity and mortality in Uttarakhand
- i) Establishment of transport unit for transporting sick neonates
- j) Establishment of tele-conference facility
- k) To develop an international collaborative center for neonatal training including faculty and resident exchange program

#### II) **Faculty activities:**

##### **Dr. Sriparna Basu Professor & Head**

#### 1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) National Faculty in MILAN – A NNF-FOGSI Joint Perinatal Meet, 2021.
- b) National Faculty in KMCCON 2021, St. John's Medical College, Bengaluru.

- c) National Faculty in UPNeocon 2020, KGMU, Lucknow.

- d) National faculty of NNF Online Certificate Course for Preterm Infants, 2020 (Topic: Blood transfusion guidelines of preterm neonates).

#### 2. **Awards & honours received**

- a) Certificate Course on 'Cochrane Interactive Learning: Conducting an Intervention Review', Cochrane Collaboration, December 2020.
- b) Certificate Course on 'Understanding Clinical Research: Behind the Statistics' University of Cape Town, Coursera, January 2021.
- c) External Examiner in DM Neonatology, AIIMS Delhi, 2020, 2021
- d) Reviewer of World Health Organization project (WHO guidelines on postnatal care of the mother and newborn), 2020-21.

##### **Dr. Poonam Singh Assistant Professor**

#### 1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Poster presentation in PEDICON 2020.
- b) Bayley Scales of Infant and toddler Development-Fourth edition workshop, 2021.

##### **Dr. Mayank Priyadarshi Assistant Professor**

#### 1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Co-faculty: NNF Online Basic Neonatal Ventilation Workshop (24th-30th December 2020)
- b) Co-faculty: COVID training course (Learner Level 3 COVID AIIMS Course) on ONTOP platform (July 2020)
- c) Co-faculty: Preterm Care E Course for Nurses On TELEGRAM (2020-21)
- d) Co-faculty: Preterm Care E Course for Doctors On TELEGRAM (2020-21)

- e) Review team: World Health Organization project (WHO guidelines on postnatal care of the mother and newborn), 2020-21
- f) Review team: NNF Clinical Practice Guidelines 2.0 (Topic: Antibiotic Stewardship Program in Neonatal ICU)
- g) Reviewer: Training content on essential and sick newborn care (Reviewed section: Newborn Examination), November 2020

**Dr. Suman Chaurasia**  
**Assistant Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Delhi e-NEOCON 2020: Neonatal Clinical Practices (Neo-Clips).
- b) NNF Preterm Care e-Module for Doctors, 2020-21.
- c) NNF Online Basic Neonatal Ventilation Workshop, 2020.

# DEPARTMENT OF NUCLEAR MEDICINE



Patient care during COVID-19 Pandemic

Patient care with PPE and universal precautions during pandemic 2



CBRNE MDM Candidates attended Practical Contact sessions & End Term Exam 9-03-2021

CBRNE End term Exam conducted at AIIMS, Rishikesh 10 March 2021





## 8.25 NUCLEAR MEDICINE

### Vision & Mission Statement:

Nuclear Medicine is a Medical Specialty that involves the use of small amount of radioactive substances in the diagnosis and treatment of variety of disease. It is well established as a clinical discipline with specific training programmes, special skills & approach to patient management. Nuclear medicine techniques can determine disease at much earlier stages compared to other conventional modalities e.g. X-Rays, USG, CT or MRI, that diagnose disease based on structural abnormalities.

Dept. of Nuclear Medicine at AIIMS, Rishikesh was inducted in Jan 2018. In line with our mandate, we, at AIIMS, strive hard to provide comprehensive, high quality tertiary care services (specialty and super-specialty services) to our users, committed to provide higher standards of teaching and also clinical Research. We also have comprehensive academic programmes to meet the emerging need of trained Nuclear Medicine Physicians & Technical experts.

### Here we are offering -

1. World Class Infrastructure with quality patient care for all, including poor, middle & upper class citizens at reasonable or very low cost.
2. Currently we have AERB, approved SPECT/CT facility and equipped with Dual Headed Gamma Camera with 16 Slice SPECT/CT (Discovery NM-CT), Thyroid Uptake Probe system & Intra-operative Gamma Probe facility since Jan' 2018.
3. We are running Dedicated Thyroid Clinic (Monday to Saturday). We are also offering out patient based low dose <sup>131</sup>I Radioactive Iodine therapy (< 30mCi) for Hyperthyroidism.

4. Running outstanding academic programme, including MD (Nuclear Medicine), DM in therapeutic Nuclear Medicine, P.D.C.C., B.Sc. (Nuclear Medicine Technology).

5. With excellent support from administration, we are on our way to installation of 1st PET/CT scanner at AIIMS, Rishikesh, which is going to be the first PET/CT imaging facility in entire Uttarakhand state, India in Government organization.

Other projects are also in pipeline, for establishment of wide-ranging Diagnostic and Therapeutic facilities, to provide comprehensive Academic Programme to meet emerging need of highly qualified man power to look after the expanding field of Nuclear Medicine imaging & Therapy. Ongoing projects are as follows–

- To establish <sup>131</sup>I Radioactive Iodine High Dose Isolation Ward facility at AIIMS, Rishikesh & Establish dedicated Cardiac SPECT facility.
- Establish Medical Cyclotron facility at AIIMS, Rishikesh, at the earliest possible time, that will provide onsite availability of wider Range of PET Radioisotopes, make the Nuclear Medicine & molecular imaging a self-reliant division.
- To establish facility for PET - MRI.
- P.D.C.C. in Functional & Cross Sectional Imaging.

These upcoming projects would be instrumental in providing 'Comprehensive Patient Care', strengthen the 'Clinical Research' capability, help in starting advanced training programmes in targeted radionuclide therapy and also benefit the MD, M.Sc., B.Sc., PhD, Nuclear Medicine fellows in training.

### Department has following members –

Sl. No.	Name of Faculty	Designation
01	Dr. Manishi L. Narayan	Professor & Head of the Department
02	Dr. Vandana K. Dhingra	Associate Professor
01	Prof. G.S Pant	Visiting Faculty

## I) Departmental activities:

## 1. Academic activities

**Undergraduate**

Name of the course	Duration of course	Present Numbers of MD/ NMT students & PhD fellows	Objectives/ Brief description of the course
B.Sc. Nuclear Medicine Technology	03 Years	10	Bachelor Degree course in Nuclear Medicine Technology
MBBS	4.5 yrs		Lectures on Introduction and Basic concepts of Nuclear Medicine to MBBS students

**Postgraduate**

Name of the course	Duration of course	Present number of MD/ NMT students & PhD fellows	Objectives/ Brief description of the course
MD- Nuclear Medicine	03- Years	10	Post Graduate Degree course in Nuclear Medicine .
PhD-Nuclear Medicine Doctor of Philosophy	05-Years	04	Postgraduate doctoral degree, awarded to students who complete an original thesis offering a significant new contribution to knowledge in Nuclear Medicine

**Post Graduate Academic Program:****MD - Nuclear Medicine**

- M.D. Nuclear Medicine was initiated in July 2017 with 1-2 seats per session. Currently, 4 batches with 10 Post graduate trainees are enrolled in the Department, for the degree of MD in nuclear Medicine
- It is a six semester based, three-year residency programme.
- Postgraduate teaching includes, clinical case based teaching with training all basics and specialized skills. Monthly teaching curriculum includes around 8 Seminars, 4 journal club, 4-8 Clinical case based discussions, along with regular practical classes & clinical grand rounds are presented regularly.
- All presentations are assessed by faculties and given scores. Assessment exams conducted every month end, that includes include MCQs, OSPE and OSCE.
- Posted by rotation in OPD/ Imaging & Radiopharmacy lab. Rotational posting planned in 1st yr onward in Radiology, Endocrinology, Cardiology, Medicine,

Oncology (Medical Oncology, RT, Surgical oncology), Neurology & Pathology etc.

- They are also being offered, rotatory 2 months external posting at other Institutes of national Importance to get wider exposure in speciality.
- Post graduates are also encouraged to publish at least two research projects during their academic training, in addition to mandatory one thesis writeup.

**Undergraduate****B.Sc. - Nuclear Medicine Technology**

- BSc. - Nuclear Medicine Technology was initiated in July 2018 with 2 seats per session. Currently, 10 BSc-NMT students( Sem 6 & 2) are enrolled in the Department.
- BSc (NMT) teaching includes, regular 4-5/ weekly lectures & practical classes by department of Anatomy, biochemistry, Physiology & Nursing during 1st. yr of B.Sc. Programme. During their 2nd& 3rd yrs weekly teaching included 4-6 lectures & 2 practical /weekly.

- c) Assessment exams conducted at the end of semester that includes include MCQs, & OSPE.
- d) In view of COVID pandemics online lectures, presentation & practicals are regularly being taken during their second yr of programme.

### Post Doctoral Phd- Nuclear Medicine

Currently, 4 PhD fellows are enrolled with the Department , for the award of PhD in Nuclear Medicine.

### Other PG & Post-Doctoral teaching

MD Radiodiagnosis , PDCC & DM - Cardiology during their rotational posting.

Seminars / Journal Club/Case Presentation / lectures : 80

### 2. OPD Services :

- a) Running Dedicated Thyroid OPD : Monday to Saturday, catering to approx. 20 cases per day.
- b) Though total footfall of patient was low during current year due to pandemic restriction.
- c) Fully Functional Gamma Camera SPECT / CT Services (From Feb'2018): Department is well equipped with Dual headed Gamma camera & regularly conducting all conventional Nuclear scans including, Myocardial perfusion Imaging, SPECT 99mTc MIBI, 99mTc ECD Brain perfusion imaging, 99mTc Trodat Brain Scan, 99mTc-MDP Bone scan, Renal functional studies (99mTc DTPA, 99mTc-DMSA, 99mTc-EC), Thyroid Scan 99mTc, 99mTc-Mebrofenin, Hepatobiliary scan, 99mTc GI Bleed scan, MUGA scan, Lymphoscintigraphy, Sentinel node imaging with 99mTc S. Colloid, DRCG, Scintimammography, Tumour imaging with 99mTc-MIBI, etc.
- d) Thyroid Uptake Probe facility is fully functional for performing Quantitative Radioactive Iodine Uptake studies & other Quantitative in vitro studies, including plasma sample based GFR estimation.
- e) Department is also having facility to perform intraoperative Sentinel Lymph Node Biopsy Procedure since (May 2018). We are regularly performing sentinel lymph node imaging with

intraoperative localization of node using Gamma probe, in oropharyngeal Sq. Cell carcinoma, Head and neck malignancy, Parathyroid surgery, carcinoma breast and other pelvic malignancies.

- f) Low dose 131I- Radioiodine therapy for thyrotoxicosis patients & low dose 131 Radioactive iodine therapy for remnant ablation is available for patients .
- g) licences from AERB for running Nuclear Medicine Diagnostic facility at AIIMS, Rishikesh have been renewed –
  - Licence for Operation Of Nuclear Medicine Facility (SPECT- CT) - Dated 10-01-2018 (5 yrs)
  - Approval of Radiological Safety Officer – II (Ms. Meena Negi) - Dated 23-12-2023 (3 Yrs)
  - Licence for Procurement of Radiation Source (Mo-99/Tc-99m Generator) other unsealed sources e.g , 131 I Sodium Iodide Capsule, 201 Thallous Chloride, 131 MIBG (D) , 67 Gallium ( 9 & 10-12-2021) , 131 I Sodium Iodide Solution (7-01-2022), 32P Colloidal, 153 Sm EDTMP & 90 Yttrium Citrate (upto 06-10-2021) have been updated for current year.
- h) As per regulatory Inspection of Nuclear Medicine Department, conducted by AERB, Mumbai Department of Nuclear Medicine facilities and Equipment's are found to be in compliance with A.E.R.B., requirements.

### Patient Care Services

- a) Thyroid OPD - Total Cases –253 (appx. 21 cases /month in current year Pandemic time)
- b) Total cases ( Feb 2018 till March 2021) – 4662 cases

### 3. Diagnostic & therapeutic Services :

Patient Care Services (NM Scans & Low dose Radio Iodine Therapies)

- a) Gamma Camera Imaging - Total Cases conducted – 1062 (approx. 88/month)
- b) Total cases conducted from (Feb 2018 till March 2021) – 5428 cases

**4. Special Clinics:**

Day of Week/time	Specialty Clinic	Consultant in charge	Consult, if you have following issue(s)
Monday	Thyroid Clinic & Gamma Camera SPECT Imaging	Dr. Manishi L. Narayan	1. Hyperthyroidism 2. Nodular Goiter 3. 131 I - Radioiodine Therapy (RAIT) for hyperthyroidism & FU 4. Differentiated Thyroid Cancer (DTC) 5. RAI Therapy & FU of Differentiated Thyroid Cancer (RAI)
Tuesday	-do-	Dr. Vandana K. Dhingra	6. Neuroendocrine Tumors.
Wednesday	-do-	Dr. Manishi L. Narayan	7. 131-I MIBG Scan for pheochromocytoma, paraganglioma localization
Thursday	-do-	Dr. Vandana K. Dhingra	8. Parathyroid adenoma
Friday & Saturday as per the Roster	-do-	Dr. Manishi L. Narayan/ Dr. Vandana K. Dhingra	9. Pain palliation in skeletal metastatic disease

**5. Health awareness / educational activities organized by department**

- a) Regularly mentoring and creating awareness among MD, DM, Mch-residents, MBBS students for Nuclear Medicine techniques and radiation protection measures.
- b) Teaching paramedical & Nursing staff on radiation protection measures.
- c) Participating and organizing in intra-departmental CMEs with other departments including, Dept of Endocrinology, Urology, Pediatric surgery & Oncology.
- d) Regularly conducting academic programmes both intra and inter-departmental.

**6. CME / Workshop / Conference / Training organized by department**

- a) Department of Nuclear Medicine, AIIMS, Rishikesh, had hosted a series of Webinars on Theranostics by international faculty, Dr. Vikas Prasad Vice Chair, Department of Nuclear Medicine, University Hospital of Ulm, Germany, Head Theranostics Group, Faculty ESMO. Head Theranostic Task Force, ENETS Advisory Board in collaboration with University of Ulm, Germany.
- b) First two webinars were focused on peptide receptor radionuclide therapy (PRRT) for Neuro-endocrine Tumors (NET). Webinar #1 Topic: PRRT in NET-Basic Concepts Facts and Myths. Webinar #2 Topic: PRRT 'A Master Treatment' for NET - Current Status & Future Scope on 12-06-2020 & 03-07-2020.

**7. New initiative of Department****a) New academic PG certificate programme (PGMDM-CBRNE) :**

- i. Department of Nuclear Medicine, had facilitated in commencement of PGC-MDM (CBRNE) certificate Programme on Medical management of C.B.R.N.E. (Chemical biological, Radiological & Nuclear Explosives disaster management) in collaboration with I.G.N.O.U, Delhi & I.N.M.A.S, D.R.D.O., Delhi. Dr. Manishi L. Narayan, Prof. & Head, Department of Nuclear Medicine, is nominated as Academic Coordinator, Exam superintendent & Academic Counsellor (Radiological Disaster) for this programme by IGNOU, Delhi. She is actively directing this programme since its inception at AIIMS, Rishikesh.
- ii. This is a six months PG Certificate programme in Medical Management of CBRNE Disasters (PGCMDM), which is aimed for medical officers, launched from January, 2020.
- iii. AIIMS, Rishikesh is serving as Learners Support Centre for this programme. The practical skills have been divided in three broad areas – Radiological, Nuclear, Chemical and Biological disasters. Here, we are providing hands on training of the practical components of this programme.
- iv. First intake of students (Session July 2020), included group of 60 practicing physicians, who had joined for CBRNE MDM training nationwide.

- v. A total of 20 experienced physicians from various specialities across the country registered for practical sessions at AIIMS, Rishikesh in 2020.
- vi. Department of Nuclear Medicine, CFM, Microbiology & Forensic Medicine had actively participated in academic programme. We had successfully conducted lectures on video conferencing mode with practical sessions in Dec'2020 & March'2021. End term Exam for this PGCMDM certificate, was conducted on 10th March 2021. 11 out of 20 candidates attached with our centre had attended physically attended practical sessions as well as final exam, and all had passed the end term exam.
- b) D.M. programme in Therapeutic Nuclear Medicine is approved for AIIMS, Rishikesh this year. We are now having 4 DM seats in therapeutic Nuclear Medicine.
- c) Started PDCC Programme in Cardiac imaging, in 2019 in collaboration with Department of Cardiology and Radiology.
- d) Web based teaching for BSc. NMT fellows and MD, PG trainees in view of pandemic.
- e) Teleconsultation for OPD services

### 8 Other activities / achievement by Department

- a) Department got approval for 4 seats of DM in radionuclide therapy in current year & 1 seat for PDCC in Cardiac imaging in collaboration with Dept. of Cardiology & Radiodiagnosis.
- b) Collaborated with IGNOU & INMAS, DRDO, Delhi and conducted Exam (09-03-2021 and 10-03-2021) for PG certificate course on Medical Management of - CBRNE disaster (PGMDM –CBRNE), 11 senior Medical Specialists have successfully cleared Exam this year (March 2021).
- c) Regularly mentoring and creating awareness among MD, DM, MCh, residents, MBBS students for, Nuclear Medicine techniques and Radiation protection measures.
- d) Participating in inter departmental CMEs with other departments.
- e) Regularly conducting academic programmes & interdepartmental activities to get wider clinical exposure and enhance learning among PG trainees and fellows.
- f) Teaching paramedical and Nursing staff on radiation protection measures and practices for safe handling of radionuclide during diagnostic imaging & therapy.

### 9. Future Plans of Department

Ongoing Proposals for New Equipment's & Site Development

S.No	Equipment Proposed / Date	Director's Approval	Site Allocation / SFC Approval	Current Status
1.	PET/CT Scanner	Yes	Yes	Tender process has been completed Awaiting Site preparation & Installation
2.	68 Gallium Generator & Imaging with 68 Gallium labelled ligands, e.g. 68 Ga PSMA, 68Ga Dotanoc Imaging	Yes	Yes	Awaiting, site preparation
3.	Cyclotron Facility	Yes	SFC approved, Site approval pending	SFC Approval received, Site allocation pending
4.	131 I - RAI High Dose Therapy Isolation Ward	Yes	Approved in Jan, 2019	Tender process for Accessories & Turnkey work (Office of Superintendent Engineer, AIIMS, Rishikesh)
5.	Dedicated Cardiac SPECT (CTZ)	Yes	Yes	Tender Process awaited
6.	PET - MRI	Yes	Not yet approved	Approval & site allocation awaited

**Expansion Planned for the future:**

To develop a dedicated self-reliant Nuclear Medicine Centre at AIIMS, Rishikesh with world class equipments, having cutting edge technology and patient care facility. That can provide all essential and comprehensive patient care services under one roof, support academic environment of excellence & facilitate research.

Planned to develop AIIMS, Rishikesh as a nodal centre to provide advanced diagnostic & therapeutic Nuclear Medicine facility not only for entire Uttarakhand region but also for neighbouring districts.

- a) To establish PET/CT Imaging with Medical Cyclotron facility at AIIMS, Rishikesh at the earliest.
- b) Development of Infrastructure to provide facility for PET- CT imaging with 68 Gallium labelled ligands, e.g. 68Ga - PSMA, 68Ga-Dotanoc Imaging, to offer cutting edge technology with most latest and targeted, 'theranostic' approach for management of various cancers .
- c) To Establish 131-I Radioactive Iodine High Dose Isolation Ward facility to cater for Uttarakhand region.
- d) Establish dedicated cardiac SPECT (CTZ) camera facility.
- e) To establish facility for PET - MRI.
- f) To start P.D.C.C. in Functional & Cross Sectional Imaging.
- g) To start new Research projects and extramural grants.

**II) Faculty activities:**

**Dr. Manishi L. Narayan**  
**Professor (Officiating) & Head**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Chaired a session focussing on Womens health with International panellist on 'ER targeted PET-CT Imaging of Breast & Sentinel Node Lymphoscintigraphy ; on Annual National conference of Indian Society of Nuclear Medicine (SNMICON 2020) on 12-12-2020 .
- b) In collaboration with University of Ulm, Germany, Department of Nuclear Medicine, AIIMS, Rishikesh, had hosted a series of Webinars on Theranostics by

international faculty, Dr Vikas Prasad Vice Chair, Department of Nuclear Medicine, University Hospital of Ulm, Germany, Head Theranostic Group, Faculty ESMO. Head Theranostic Task Force, ENETS Advisory Board.

- c) First two webinars were focused on peptide receptor radionuclide therapy (PRRT) for Neuro-endocrine Tumors (NET). Webinar #1 Topic: PRRT in NET-Basic Concepts Facts and Myths. Webinar #2 Topic: PRRT 'A Master Treatment' for NET - Current Status & Future Scope on 12-06-2020 & 03-07-2020 .
- d) Given Lectures on Interaction of Radiation with matter and clinical application on 11-01-2021, and 'ALARA and Identification of unknown Radioactive source and its neutralization' on 18-1-2021 , to PGMDM- CBRNE (IGNOU, DRDO- Delhi) fellows through online platform and counselling sessions.
- e) Taken Practical training contact sessions for Radiological Disaster Management on 9-03-2021 & 10-03-2021 for PGMDM- CBRNE candidates (a group of 11 candidates) who had participated for contact session & end term exam at AIIMS, Rishikesh.
- f) As Exam Superintendent, Academic counsellor and Coordinator for AIIMS, Rishikesh, successfully conducted end term exam for PGMDM- CBRME management programme (IGNOU & DRDO- Delhi) on 10-3-2021. All candidates had cleared the exam.
- g) Participated in Annual National conference of Association of Nuclear Medicine Physicians of India (ANMPI) -Virtual held on 2&3rd Oct 2020
- h) Participated in virtual conference International Conference of Radiopharmaceutical and Therapy (ICRT-2020), on 5th& 6th December 2020.
- i) Participated in WFCICC, NCSI, CCA International Mumbai on Chronic Coronary Syndromes –Current concepts and future directions organised by Cardiological Society of India Virtual 20-12-2020.
- j) Participated in all Virtual Webinars ( approx. 35 ) Organised by Indian College of Nuclear Medicine, ICNM in 2020 during pandemic times.

- k) Correlation of parathyroid scintigraphy with S.PTH & S. calcium levels in primary hyperparathyroidism- A retrospective study at AIIMS, Rishikesh, Presented at SNMICON 2020 Virtual, organized by AIIMS, Raipur between 11-13th December 2020.
- l) Correlation of S.PSA levels with presence of skeletal metastases on bone scan in Prostate Cancer- in Uttarakhand region Presented at SNMICON 2020 Virtual , organized by AIIMS, Raipur between 11-13th December 2020.
- m) Thymoma presenting with visceral & skeletal metastasis- A rare tumor with aggressive disease course. E-poster presented at SNMICON 2020 Virtual , organized by AIIMS, Raipur between 11-13th December 2020.
- n) Identification of metastasis in upper extremity draining lymph nodes by axillary reverse mapping in patients with breast cancer. E-poster presented at SNMICON 2020 Virtual , organized by AIIMS, Raipur between 11-13th December 2020.
- o) Report of unusual scenario of soft tissue and cutaneous metastasis with extra osseous <sup>99m</sup>Tc- MDP uptake . E - Poster presented at SNMICON 2020 , organized by AIIMS, Raipur between 11-13th December 2020.

**Dr. Vandana K Dhingra,**  
**Associate Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Attended virtually National Webinar titled "President's & Expert's Voice on Status of Nuclear Cardiology in Covid times on 8.6.2020
- b) Attended virtually "52nd Annual Conference of the Society of Nuclear Medicine (SNMICON 2020 Virtual)" - 11th to 13th Dec. 2020 organised by AIIMS Raipur
- c) Attended virtually "International Conference on Radiopharmaceutical Therapy (ICRT 2020 Virtual Event) - 5th to 6th Dec 2020 organised by WARMTH
- d) Attended virtually "5th Annual Conference of the Nuclear Medicine Physicists Association of India (NMPAICON) - 13th

to 14th Feb 2021 organised by NMPAI

- e) Attended virtually "State Level Webinar organized by Uttarakhand Council of Science and Technology" on 8th March 2021 organised by UCOST

**2. Awards & honours received**

Awarded Second prize for "Leading Women Scientist/ Faculty/ Researcher Award" of Dehradun District of Uttarakhand on International Women's day on 8th march 2021.

**Dr. G.S. Pant**  
**(Ex-Prof. & Physicist, AIIMS, Delhi)**  
**Visiting Professor**

Dr. Pant, had joined as Visiting Professor in Department of Nuclear Medicine, AIIMS, Rishikesh. He delivered lectures on "The Basic Sciences of Nuclear Medicine" to the MD and B.Sc (Nuclear Medicine technology) students. Lectures were also organised for the nurses in the department (on basic radiation safety, as relevant to Nuclear Medicine during his visits subsequently he was visiting every alternate month). Due to Covid-19 pandemic restriction he took online classes and supervised practicals from 20-04-2020 till Nov 2020.

Postgraduate students in Nuclear Medicine and B.Sc. (NMT) students had quality control practical's. They were given practical demonstration on all the radiation monitoring and imaging equipment's. Following lectures were delivered by Dr. Pant during this period –

Online Lectures taken for MD (Nuclear Medicine) & BSc.(NMT) Students Yr. 2020

Online Lectures 08th – 17th June, 2020

- a) Gamma Camera (physical principles and operation)
- b) Quality control of Gamma Camera
- c) Radionuclide dose calibrator, well counter and Thyroid probe and their quality control

Radioactive decay and associated calculations  
Online Lectures - 22nd – 30th June, 2020

- a) Radiation detectors
- b) Radionuclide dose calibrator and its QC
- c) Well counter and thyroid probe and their QC
- d) Gamma Camera Imaging
- e) SPECT imaging
- f) Radiation protection –I

**Online Lectures - 08 - 25th Sept 2020**

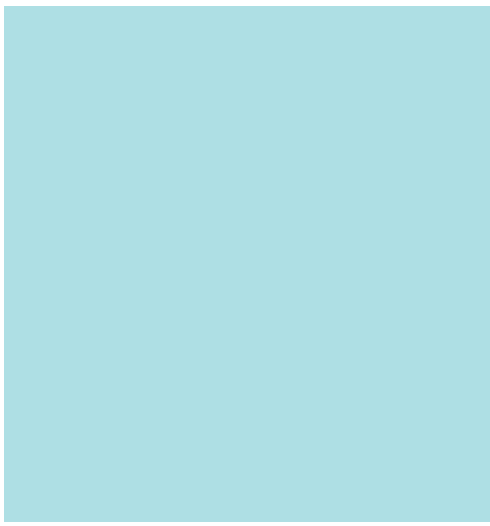
- a) Radioactivity
- b) Absorption and attenuation, HVL, shielding thickness calculation exercise
- c) Gamma Camera Imaging
- d) Concepts in SPECT and SPECT image reconstruction
- e) PET/CT imaging (physical principles)
- f) Image filtering in nuclear medicine and
- g) Transport of radioactive material
- h) Counting statistics –I
- i) Counting statistics –II (propagation of errors)
- j) Internal Dosimetry

**Online Lectures - 3 to 11th Nov 2020**

- a) Radiobiology
  - b) Renal transit time by deconvolution
  - c) Medical Cyclotron
  - d) Biological Dosimetry
  - e) Pharmacokinetics and Compartment analysis
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# DEPARTMENT OF NURSING COLLEGE



## 8.26 NURSING COLLEGE

College of Nursing, AIIMS, Rishikesh started during academic session, July, 2013. The first batch of B.Sc. (Hons) Nursing students has successfully passed their four years' undergraduate degree course along with 6 months of internship in July 2017. Presently, total 351 students are perusing their B.Sc. (Hons.) Nursing course in the institute. Furthermore, the annual intake in B.Sc. (Hons) Nursing course was increased to 100 students per year w.e.f. July, 2018 session.

Subsequently, College of Nursing also started M.Sc. Nursing course with total annual intake of 24 students in six different specialities, namely Critical Care Nursing (4 seats) Cardiothoracic Vascular Nursing (4 seats), Neurosciences Nursing (02 seats), Oncology Nursing (02 seats), Orthopaedic Nursing (02 seats), Obstetrics & Gynaecological Nursing (02 seats), Paediatric Nursing (04 seats) and Psychiatric Nursing (04 seats) w.e.f. academic session July, 2017. In addition, college of nursing also started doctoral nursing (PhD)

programme and presently total 13 Ph.D. scholars are perusing their Ph.D. in the college.

College of Nursing has started Post Basic Diploma in Operating Room Nursing w.e.f. July, 2018.

The mission of College of Nursing coincides with the institute "we are committed to establish a centre of excellence in nursing education, training, and research imbued with scientific culture, compassion for the sick and commitment to serve the underserved. The vision of College of Nursing is to absorb talent and provide highly trained nursing manpower for the country and conduct research in local, regional and national nursing issues and problems. Team of College of Nursing, works with the aim to ensure the cost-effective evidence-based quality nursing care for individual, family and community through education and grooming the clinically competent, research-oriented nurses.

### Department has following members –

Sl.No.	Name of Faculty	Designation
1	Dr. C Vasantha Kalyani	Principal & Associate Professor
2	Mrs. Xavier Belsiyal. C	Assist. Professor
3	Mrs. Prasuna Jelly	Assist. Professor
4	Mrs. Rupinder Deol	Assist. Professor
5	Dr. Rajesh Kumar	Assist. Professor
6	Mrs. Malar Kodi	Assist. Professor
7	Dr. Rajarajeswari	Assist. Professor
8	Mr. Maneesh Sharma	Assist. Professor
9	Mrs. Ruchika Rani	Assist. Professor
10	Mrs. Rakhi Mishra	Assist. Professor
11	Dr. Rakesh Sharma	Assist. Professor

### I) Departmental activities :

#### 1. Academic

Postgraduate and Doctoral Programs

#### M.Sc. Nursing

Annual Intake : 24

Duration of Course : 2 Years

Speciality : Critical Care Nursing [4], Cardiothoracic Nursing [4], Neurosciences Nursing [2], Oncological Nursing [2], Orthopaedics Nursing [2], Obstetrics and Gynaecological Nursing [2], Paediatrics Nursing [4], and Psychiatric Nursing [4].

#### Doctor of Philosophy (PhD)

Annual Intake : Depends on availability of Guide [Total seats under all eligible guides-16]

**Duration of course** :  
3 Years (Full time) & 4 Years (Part-time)

#### 2. Special Clinics

Collaborative Clinics run by Nursing Faculty

- a) Palliative Care Clinic in collaboration of Radiation Oncology
- b) Diabetes Education & Follow-up Clinic in collaboration of Division of Diabetes & Metabolism

### 3. Health awareness/ educational activities organized by department

- a) Oncology Preventive and management measures
- b) Counselling sessions for parents with club foot children
- c) home care management of patients with ORIF/Splints
- d) Vitamin D supplements among women
- e) cancer prevention on cancer cervix, breast and oral
- f) Educational method and teaching learning process
- g) Exhibition on Audio Visual Aids
- h) Concepts of evaluation and its effective methods in nursing education
- i) World Mental Health Day
- j) World Suicide Prevention Day organised.
- k) Classes and demonstration to health care workers, students on prevention of Covid-19 infection [hand hygiene, donning, doffing, Do's & Don'ts, etc.]
- l) Classes and demonstration to the police officers, drivers on prevention of Covid-19 infection [hand hygiene, donning, doffing, Do's & Don'ts, etc.]
- m) Preparation of SOPs on transportation of covid-19 patients, and training to various categories of involved personnel.
- n) Organised health talks on various topic every week in pediatric OPD, Pediatric Surgery Ward.
- o) Initiated training of neonatal nurses in NICU through ONTOP platform in collaboration with AIIMS Delhi and took sessions for NICU nurses.
- p) Breast feeding week celebration (1-7 Aug 2020) was done by preparation of videos, pamphlets and slogans and creating awareness among antenatal and postnatal women attending OPD ad inpatients of AIIMS, Rishikesh
- q) Observed National Nutrition week and conducted quiz competition on nutrition for Undergraduate students on 6th Sept 2020
- r) World breast cancer day celebrated on 23rd October 2020 by making video on Breast cancer, risk factors and availability of diagnostic test and treatment in AIIMS Rishikesh.
- s) World quality day celebrated on 14th November 2020 by organizing quiz competition with M.Sc nursing 2nd year students

- t) Organized webinar on judicious use of antibiotics dated 23th Nov 2020
- u) World cancer day celebrated on 4th February 2021 by organizing panel discussion with experts from Department of oncology and nursing.
- v) International women's day celebration march 2021
- w) Mass health education program on prevention of COVID 19 infection to the people of Raiwala at PHC was conducted by BSc Nursing 4th year students (Batch 2016) during the period of 1st – 22nd March 2021
- x) TB awareness month was celebrated at Swami Satyamitranand intercollege, Haripur Kalan for the high school students by BSc Nursing 4th year students (Batch 2016) in the form of dance drama and various programmes like quiz were conducted for the students on 23rd March 2021.
- y) Observational visit to Home for the elderly (Gita kutir, Haridwar), home for the needy children (Vatsalya Vatika, Haridwar) and the home for the special needs children (RAPHAEL, Dehradun) was organised for the BSc Nursing 4th year students (Batch 2016) on 26th and 31st March 2021.
- z) CME/ workshop/ conference/training organized by department (1st April 2020 to 31st March 2021)

### 4. CME/ workshop/ conference/training organized by department

- a) Palliative care among nurses
- b) Varicose veins and its prevention among security personnel
- c) Basics on wound assessment and management among nurses
- d) E –conference on educational method in Nursing education a trend in current pandemic scenario
- e) Simulation concepts for Nursing Clinical teaching among MSc Nursing
- f) OSCE a tool for subjective evaluation in clinical teaching and evaluation practices
- g) BLS, Infection control prevention protocol training among nursing students
- h) Capacity Building Training Programme in the area of Mental Health care -NHM Research Project in association with NIMHANS (online workshop organised and participated as a resource faculty)

- i) 2nd International Conference on Nursing Science and Health Care
- j) Workshop on “Systematic Review and Meta-analysis”, organised by College of Nursing, AIIMS Rishikesh, 20-10-2020
- k) Organised National Quiz competition for BSc (N) and MSc(N) students at National Level in collaboration with Indian Association of Pediatrics (IAP) during World Pneumonia Week Celebration. (17 November, 2020)
- l) Virtual: WOUNDCON-2021, on “Technology in Wound Care” organised by Indian Society of Wound Management, 05-12-2020

#### 5. New initiative of department

Initiated release of “Rishi Nursing” an official newsletter of College of Nursing.

#### 6. Other activities / achievement by Department

Approved Nursing Practitioner Course: Family Health Nurse, Geriatric Health Nurse, Anaesthesia Nurse, Critical Care, Women’s Health Nurse and Palliative Care Nurse

#### 7. Future plans of department

- a) Developing College of Nursing as Centre of Excellence of Nursing Education at par excellence with international standards [as per standard guidelines of National League for Nursing, USA]
- b) Revision of nursing course curriculum as RN curriculum of developed countries keeping in mind country specific needs in mind.
- c) GNM to B.Sc. Nursing Bridge Program: starting virtual bridge program for general nursing and midwifery (GNM)-to-baccalaureate degree in nursing.
- d) Starting the Master’s program in Family Health Nurse Practitioner to provide independent nurse practitioners for the country to augment healthcare in remote and rural areas.
- e) Starting Masters in nurse practitioners’ program in different specialities and super-specialities.
- f) Starting various short-term diploma and certificate programs in super-speciality nursing areas.
- g) Starting several nurse-lead speciality clinics such as nurse-lead epilepsy clinic, stroke nurse coordinator, lifestyle disease

clinic, geriatric clinic, heart failure rehabilitation clinic, family clinical self-efficacy development clinic, mental health wellness clinic and home support clinic etc.

- h) Having a state-of-art facility to promote nursing research in the institution on local, regional and national nursing issues and problems.
- i) Starting publication of a scientific nursing research journal(s) for the dissemination of empirical evidences generated by the nurse researchers.
- j) Setting-up National Institute of Nursing Research (NINR) under the Department of Health Research (DHR), Ministry of Health and Family Welfare, GoI at AIIMS, Rishikesh to prioritise and promote nursing research in the country [on the lines of National Institute of Nursing Research, USA.]
- k) Setting-up National Simulation Centre for Nursing & Midwifery Education from bridging gap in academics and skill among nurses trained in the region.
- l) Stating Doctorate in Nursing Practice (DPN) in several speciality and super-specialities to provide clinical nurse practitioners/ specialist manpower for the country and region.

#### II) Faculty activities:

**Dr. C Vasantha Kalyani**  
Principal & Associate Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Resource person in National E - Conference on Nursing Theories and Statistics- Understanding Concepts in Research, Shri Swami Bhumanand College of Nursing, Haridwar, April 2020.
- b) Resource person in National Critical Care Nursing Congress, PGIMER CHANDIGARH April 2020.
- c) Resource person in Fostering Excellence in Essentials of Nursing Care, AIIMS Rishikesh 2020.
- d) Resource person in Collaborative Management on Pressure ulcers. National conference on Wound Management, AIIMS, Rishikesh 2020.

- e) Resource person in National Conference of Indian Society of Wound Management-WOUNDCON, DEC 2020.
- f) Resource person in Diabetes Educator Course: An Intensive Skill Training Program, AIIMS Rishikesh 2020.
- g) Resource person in Introduction to nursing research. Workshop on nursing research Moradabad Dec.2020.

**1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Webinar on Point of care in ultrasound in COVID 19 Pandemic organized by WHO AND AIIMS, Delhi August 2020
- b) Clarivate webinar series on Introduction to EndNote Basic and Bibliography creation 7 JULY -17 JULY 2021
- c) Recent approaches in Nursing and Health care March 21

**Mrs. Xavier Belsiyal  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Resource Faculty & developed modules for Capacity Enhancement Training Program for Nursing Cadre in collaboration with CPD.
- b) Resource Faculty for Research Methodology workshop, Diabetes Educator Course, BLS Course at Institute.
- c) Resource faculty for a webinar on Psychological impact of Covid-19 on different sections of the community and Preventive Strategies-Vivekananda Institute of Social Work and Social Sciences, Bhubaneswar, Odisha. (03/08/2020).
- d) Resource faculty for a CNE on Neurotic and Stress Related Disorders –KLE Academy of Higher Education and research (Deemed University), Karnataka. (03/11/2020)
- e) Guest Speaker for a Webinar on Assessing Quality Measurement Tools in Research-Rajiv Gandhi College of Nursing, Jammu. (21/11/2020)

- f) Resource faculty for a webinar on Covid-19: Loss, Grief and Bereavement: Helping Families to Cope-Assam DownTown University, Guwahati. (25/01/2021)
- g) Resource Faculty for International Webinar on Futuristic Nursing organized by Muzaffarnagar Nursing Institute. (6 March 2021).

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Received Edith Anderson Leadership Education Grant on 22-24 July 2020.
- b) Moderated Session at Sigma Theta Tau International Conference on 22 July -24 July 2020.
- c) Presented Poster on Efficacy of Therapeutic Milieu Interventions on Inpatients with Depressive Disorders, India: A Pilot Study @ Sigma's VIRTUAL 31st International Nursing Research Congress (Wednesday, 22 July - Friday, 24 July 2020).

**Mrs. Prasuna Jelly  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Resource Faculty:**

- a) 15th National Conference organized by the SOMI, Kerala Chapter, 12th to 14th Feb. 2021 on virtual platform.
- b) Workshop on "Research Methodology course for PG Nursing Students", organised by College of Nursing, AIIMS Rishikesh, 06-11-2020
- c) Research Methodology and Biostatistics organised by College of Nursing, AIIMS Rishikesh, 13-02-2021 Participated
- e) Webinar on "International E-Conference on Mental Health First Aid" organised by D Y Patil Deemed University, GOI, & NIMHANS, 04-02-2021

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Webinar on Leadership and culture for change during Covid-19, organised by the international forum on Quality and Safety in Health Care virtual workshop, on 06-08-2020
- b) Webinar on The International Forum on Quality & Safety in Healthcare virtual workshop: Doing more with less- reducing waste and improving quality”, organised by BMJ, 13-08-2020
- c) Webinar on Palliative Care in COVID Times, organised by BMJ LIVE, 27-08-2020
- d) Webinar on “Trends in Biomedicine & Life Sciences Publishing and Nuances & Tools of Scientific Publishing”, organised by Springer Nature, 02-09-2020
- e) Webinar on “Abstracting & Indexing-how to get indexed and how to increase research impact, organised by Springer Nature, 09-09-2020
- f) Webinar on “Essentials of Medical Writing Ethics & Etcetera” organised by Springer Nature, 09-10-2020
- g) Virtual: WOUNDCON-2021, on “Technology in Wound Care” organised by Indian Society of Wound Management, 05-12-2020
- h) Webinar on “Nursing Education in the World during the COVID-19 Pandemic : Experiences from India”, held on March 11, 2021 by Faculty of Health Science.
- i) Conference on “NABH: Taking Quality to our roots” held on 2nd Jan 2021 organized by Alumni Association, JSS College of Nursing, Mysuru, Karnataka.
- j) National Webinar on “Developmental Delays and Disorders: Role of Nurse in Early Identification and Intervention” organized by Department of Nursing, National Institute of Mental Health and Neuro Sciences, th Bengaluru on 25 November 2020.
- k) National Webinar on Standards and Guidelines in developing a manuscript for publication” organized by St. Joseph’s College of Nursing, Dharmagiri, Kothamangalam on 11th November 2020.

**Mrs. Rupinder Deol**  
Assistant Professor

### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest

### Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Participated as Resource Person and Panelist in Online event on “How to give best clinical care in Corona Pandemic” organised by Manikaka Topawala Institute of Nursing, CHARUSAT University, Gujarat on 10 September, 2020.
- b) Successfully completed “Virtual Capacity Building Program for Midwifery Faculty of Colleges of Nursing” organised by Indian Nursing Council in collaboration with UNFPA from 29-09-2020 to 7-10-2020.
- c) Resource person in Virtual National Conference on “National Girl Child Day” on the topic “National Responsibility for the protection of Girl Child” organised on 24 Jan, 2021.
- d) Resource Person in Webinar Series on “Ameliorate Neonatal Outcomes – Enhancing Evidence Based Neonatal Care” from 24-26 December, 2020 organised by Elsevier India in collaboration with Indian Association of Neonatal Nurses.
- e) Resource person in Capacity Building Program on Nursing Care of a Pediatric Surgical Client organised by Pediatric and Neonatal Nurses Forum of India (PNNFI) from 5 Jan to 11 May 2021 and took session on Genitourinary conditions on 13 April, 2021.
- f) Moderator in “NOEL: NNF Online Education & Learning for Nurses” by Indian Association of Neonatal Nurses and National Neonatology Forum of India, 2021.
- g) Resource person in “Research Methodology “ workshop for nursing students at College of Nursing, AIIMS Rishikesh.

### 2. Awards & honours received

- a) Won Consolation Prize in Hindi Essay Writing Competition organised at AIIMS Rishikesh on Hindi Divas on 14 Sept, 2020.
- b) Received Certificate of Commitment from Central Vigilance Commission on adoption of Integrity Pledge.
- c) Received certificate of appreciation for “The Circle - Volunteer Ambassador Program” for being an active volunteer and mentor in the Nurse Educators Community of Sigma Theta Tau Inter-

national Honor Society of Nursing.

- d) Received "Leadership Education Grant" of 50 USD from Sigma Theta Tau International Honor Society of Nursing for presenting paper in 31st International Nursing Research Congress in July, 2020.
- e) Received appreciation from blood bank, AIIMS Rishikesh for being a "Regular Blood Donor".
- f) Received Grant of INR 7500 as course fee to attend "Neonatal Resuscitation (NRP) Master Trainer Certificate Programme" organised by National Neonatology Forum of India in collaboration with INC and SGT University on 5 February, 2020 by Indian Association of Neonatal Nurses (IANN).
- g) Received Appreciation and Acknowledgement Certificate from Trained Nurses Association of India (TNAI) for supporting Nursing Now Campaign in the Year of Nurse and Midwife 2020.

**Dr. Rajesh Kumar**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Resource faculty for a session, 'Introduction to Nursing Research' in a workshop 'Leading Nurses from Evidence to Practice' by Govt. Nursing College Haldwani, Uttarakhand (July 20, 2020).
- b) Resource faculty for a session, 'Mental health of children in COVID-19' at a Continuing Education of Nursing Students organized by ES College of Nursing in Collaboration with Elsevier India Pvt. Ltd. (September 11, 2020).
- c) Resource faculty for a session, 'Capacity Building for Developing Trauma Nursing in India: Meeting Training Needs of Trauma Nurses' at Trauma 2020 Virtual. (December 3, 2020).
- d) Resource faculty for a session, 'Overview of substance abuse-Tobacco & Alcohol' at a Training Program organized for Multipurpose Health Workers (MPHW) Online Training Program. (February 1, 2021).

**Mrs. Malar Kodi S**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest**

**Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest speaker on webinar series impact of covid 19 on children organized by little flower college of nursing Trivandrum, Kerala.
- b) Annual e-Conference on Neonatal Nursing on 21st and 22nd November, 2020.
- c) Resource person in CME on conceptual and theoretical framework: on overview organized by Gopal Narayan Singh university, Bihar
- d) Resource person in webinar on ameliorate neonatal outcome: enhancing evidence based neonatal care organised by IANN with Elsevier

**1. Awards & honours received**

Executive member in association of Indian association of neonatal nurses

**Dr. Rajarajeswari**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Been a ToT for COVID-19 preparedness training for health care workers from March 2020 to May 2020.
- b) Resource person for the Diabetes Nurse Educator training programme on 11th April 2020
- c) Resource person for 1st, 2nd and 3rd capacity enhancement training program for nursing officers of AIIMS, Rishikesh (July to Sept 2020)

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Panellist In the third endocrine nursing symposium on Diabetic foot care organised by Endocrine Society of India on 12th Nov 2020

**2. Awards & honours received**

Awarded Ph.D In Nursing in July 2020 by Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai.

**Mr. Maneesh Sharma**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Participated as a subject expert in webinar conducted by Society of cardiac nurses, New Delhi.
  - b) Participated as Speaker of Webinar on "Adrenals" conducted by endocrine society of India.

**Mrs. Rakhi Mishra**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Resource Person on National Virtual Seminar "Simulation based Nursing Education" to be held on 5 th & 6th of June, 2020, Assam down town University, Guwahati.
  - b) Moderator on webinar "One Health Approach towards Antimicrobials Stewardship Practices" World antimicrobial awareness week held on 24.11.2020, AIIMS, Rishikesh
  - c) Participated on Virtual Nursing workshop on "Challenges and Successes in Paediatric Cardiac Nursing during the COVID Pandemic" organized by Paediatric Cardiac Society of India date 28th Oct 2020.

**Dr. Rakesh Sharma**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Resource Faculty:**

- a) Workshop on "Research Methodology course for PG Nursing Students", organised by College of Nursing, AIIMS Rishikesh, 06-11-2020
- b) Virtual Neuro Nursing Symposium: Growing Momentum, organised by

CEMIBSS-SINN 2nd Neuro Nursing Symposium, 19-01-2021

- c) Research Methodology and Biostatistics organised by College of Nursing, AIIMS Rishikesh, 13-02-2021

**Participated**

Webinar on "International E-Conference on Mental Health First Aid" organised by D Y Patil Deemed University, GOI, & NIMHANS, 04-02-2021

2. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Participated**

- a) Webinar on Leadership and culture for change during Covid-19, organised by the international forum on Quality and Safety in Health Care virtual workshop, on 06-08-2020
- b) Webinar on The International Forum on Quality & Safety in Healthcare virtual workshop: Doing more with less- reducing waste and improving quality", organised by BMJ, 13-08-2020
- c) Webinar on Palliative Care in COVID Times, organised by BMJ LIVE, 27-08-2020
- d) Webinar on "Trends in Biomedicine & Life Sciences Publishing and Nuances & Tools of Scientific Publishing", organised by Springer Nature, 02-09-2020
- e) Virtual: WOUNDCON-2021, on "Technology in Wound Care" organised by Indian Society of Wound Management, 05-12-2020

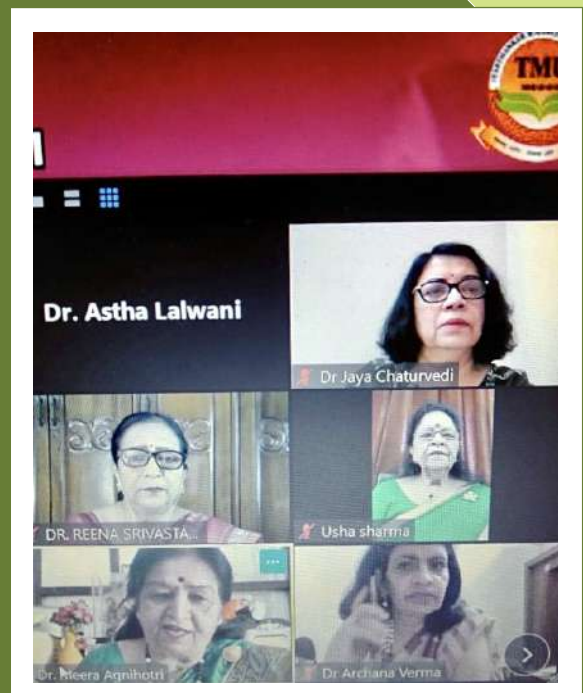
3. **Awards & honours received**

Certificate of excellence in reviewing awards in the Indian Journal of Medical Paediatric and oncology-2020.





## DEPARTMENT OF OBSTETRICS & GYNAECOLOGY



## 8.27 OBSTETRICS & GYNAECOLOGY

Department of Obstetrics & Gynecology is established as a center of excellence providing maternal & child care services in the State of Uttarakhand. The Department boasts of a well trained Faculty imparting education to Under-

graduates, Post-graduates & Gyne Oncology students. Our aim is to provide quality and affordable patient care. Each maternal life is worth saving and that is our motto.

Department has following faculty members –

Sl.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Prof Jaya Chaturvedi	Professor and Head of Department
2	Prof Shalini Rajaram	Professor
3	Dr Anupama Bahadur	Additional Professor
4.	Dr Kavita Khoiwal	Assistant Professor
5	Dr Amrita Gaurav	Assistant Professor
6	Dr Rajlaxmi Mundhra	Assistant Professor
7	Dr Latika Chawla	Assistant Professor

### I) Departmental activities :

#### a) Academic

##### Undergraduate

Students of 2 MBBS Batches 2016 and 2017 had theory classes in Obstetrics and Gynaecology Department. The theory classes were taken by faculty in the form of lectures, demonstrations, tutorials with focus on interactive and problem-based learning. There was also enhancement of interactive system with faculty actively moderating the presentations made by students.

Students of two batches 2016 and 2018 were posted in Obstetrics and Gynaecology Department on rotation for clinical posting. Clinical postings were supervised by Faculty/Senior Residents. The postings were followed by ward leaving internal assessment which was a 360 degrees evaluation of the knowledge and skills gained by the students during the posting using cases presentations and OSCE.

The Clinical teaching of MBBS 2018 batch (4th and 5th Semesters) included skill base learning using mannequin and simulators in small Batches. It included interactive learning of bed side skills, labour management and gynaecological procedures. Log book was maintained by the students.

The 2016 batch (8th and 9th semester) clinical postings included bedside skill development, discussion of variety of cases by faculty for deeper understanding

of the subject and enhancement of skill-based learning using mannequin and simulators. Development of soft skills was encouraged. Common Labour Room and OT procedures were observed by students and recorded in Log books.

##### Postgraduate teaching

- Seminars on Zoom meetings presented by PG student moderated by Faculty and Senior Resident.
- Journal Club on Zoom meetings presented by postgraduate students and moderated by faculty
- Case presentation in Obstetrics and Gynaecology moderated by Faculty and Senior Resident on Zoom meetings
- Bedside clinical teaching on ward rounds daily
- OPD and Ward posting as per roster.
- Skill based learning using simulators and mannequin
- Graduated learning by observing, assisting, performing with assistance and under supervision various common procedures in Minor OT, Major OT and Labour Room.
- Monthly internal assessment of students by faculty including clinical vignettes and practical assessment by OSCE and case presentations

##### PDCC in Maternal and Fetal medicine

- Seminars moderated by faculty on Zoom meetings

- b) Learning in OPD, ward, observing, assisting and performing common procedures with assistance
- c) Learning on simulators for common conditions
- d) Monthly assessment

### MCh Gynae Oncology

- a) Seminars moderated by Faculty on Zoom meetings
- b) Learning in OPD, ward and OT
- c) Observing, assisting and performing common procedures with assistance
- d) Regular Internal assessment.

#### 1. OPD Services :

- a) Screening and Telemedicine OPD was formulated from 5/4/2021 in view of COVID pandemic
- b) The Department started COVID emergency services to manage COVID positive & suspect patients with inpatient facility in an exclusive area in TraumaEmergency from 6/6/2020 to 20/2/2021. The area was converted to a functioning Labour Room with segregation into COVID positive, suspect & COVID negative areas. It also supported areas for Minor OT and OPD based assessment.

Total number of patients who availed OPD services were:

ANC OPD	: 2060 patients
Gynaecology OPD	: 6900 patients
Telemedicine OPD	: 280 patients

Minor OT services, Ultrasonography and Cardiotocography were also provided on Outpatient basis in Obstetrics and Gynaecology COVID emergency area

USG	: 310
NST	: 576
EA+ECC	: 111
D&C	: 9
Polypectomy	: 6
Cervical biopsy	: 38
Suction evacuation	: 4
Pap smear	: 541
Suture removal	: 25
Resuturing	: 1
Pyometra drainage	: 3
Amniocentesis	: 1

For COVID negative patients, Obstetrics and Gynaecology wards housed minor OTs for procedures and ultrasonography services on Outpatient basis

USG	: 161
EA+ECC	: 11
D&C	: 4
Cervical biopsy	: 3
Suction evacuation	: 2
Pap smear	: 8
Colposcopy	: 15
Colposcopic guided cervical biopsy	: 12
Resuturing	: 1
Chorionic villous sampling	: 5
Amniocentesis	: 45

### 3. IPD Services

#### COVID positive admissions:

Obstetrics	: 56
Gynaecology	: 17

#### COVID suspect admissions:

Obstetrics	: 810
Gynaecology	: 390

#### COVID negative admissions:

Obstetrics	: 64
Gynaecology	: 90

Total number of admissions: 1427

### 4. Major/Minor OT Services

#### OT services for COVID positive cases (Total number:34)

Caesarean delivery	: 34
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#### OT services for COVID suspect cases (Total number:233)

Caesarean delivery	: 225
Gynaecological procedure	: 8

#### OT services for COVID negative cases (Total number:218)

Caesarean delivery	: 84
Open/laparotomy and vaginal procedures for benign indications	: 29
Laparoscopic procedures	: 29
Robot assisted Procedures	: 17
Gynaecological Oncology procedures	: 59

#### Vaginal deliveries: (Total number: 148)

COVID positive	: 20
COVID suspect/negative	: 128

**5. Maternal mortality**

Total number of maternal mortality cases	:	19
COVID positive	:	4
COVID suspect	:	2
COVID negative	:	13

**6. Health awareness/ educational activities organized by department**

- October 2020:** Stree Vardan organized under Reconstructive and Cosmetic Gynaecology
- 14th October 2020:** Departmental pledge to combat COVID
- 11th February 2021:** District level sensitization workshop on PC&PNDT act 1994 by Division of Health and Family Welfare Training Centre of Dehradun attended by Senior Resident
- 6th March 2021:** Awareness and Screening program for cervical cancer under Gynaecological Oncology
- Cervical cancer awareness program on the occasion of International women's day on 8 March 2021 was organised by Dept of Obst and Gyane, AIIMS Rishikesh as part of ICMR task force study.
- 7th March 2021:** Stree Vardan organized under Reconstructive and Cosmetic Gynaecology

**7. CME / workshop / conference / training organized by department**

- Cervical Cancer Elimination program (WHO call for Action), 17th November 2021, AIIMS Rishikesh. Virtual Panel Discussion 'Accelerating Cervical cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative' with participation of Director, Dean, Prof R. Rengaswamy (WHO advisor, IARC), State NHM officials and experts in the field from Dept. of Obstetrics & Gynecology (AIIMS Rishikesh), President Uttarakhand Chapter of Obstetrics & Gynecology, CFM, Pathology, Microbiology, Medical Oncology etc. Quiz competition and Essay competition organised and certificates distributed to the winners
- 'Awareness and Screening program for Cervical Cancer' on International Women's Day, 7th March 2021, Gyn OPD (AIIMS Rishikesh)

- Awareness program on screening of common cancer (Oral, Breast and Cervical) in Gynae OPD on International Women's day, 8th March, 2021 at AIIMS, Rishikesh.

**8. New initiative of department**

In line of COVID pandemic, the department designed and implemented a fully functional Obstetrics and Gynaecology Emergency and triage area from 6/6/2020. This was functional upto 20/2/2021. This area also housed a minor OT for assessment, ultrasonography and minor procedures for patients attending screening OPD. The area was associated with inpatient facilities for COVID suspect and positive cases in separate rooms. There were fully equipped separate labour rooms for COVID suspect and negative patients in this area. As per the institutional protocol, a command centre, donning and doffing areas with necessary training and auditing was maintained.

Department of Obstetrics and Gynaecology has adopted LaQshya Program [Labour Room Quality Improvement Initiative] given by the MoHFW that is welcoming Birth Companionship in AIIMS Rishikesh. Birth Companionship is a core component of providing respectful maternity care (RMC).

**9. Other activities / achievement by Department**

- Dr Madhulika Singh, Junior resident, presented poster on "Caesarean Scar Pregnancy: Surgically Assisted Medical Management" at FOGSI 2020 conference
- Dr Dhriti Kapur, junior resident, presented poster on "Premature ovarian failure: Uttarakhand review" at POGS 2020 conference
- Dr Reena Kumari, Junior resident presented poster on "See and treat approach for preinvasive lesion of cervix" at FOGSI 2020 and AOGD 2020 conferences
- Dr Deepika Dhundi, Junior resident presented poster on "Incidentally diagnosed placenta accrete managed conservatively in primigravida" at FOGSI 2020 and AOGD 2020 conferences

**10. Future plan**

- a) Establish fully functional IVF Center
- b) Certificate Course in Robotics
- c) Certificate Course in Laparoscopy

**II) Faculty activities :****Prof Jaya Chaturvedi  
Professor & Head****1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated as Guest speaker in FOGSI MDPI committee & UK societies TOG webinar on Rh isoimmunization in Pregnancy on 2nd September 2020.
- b) Participated as faculty and chaired a session on fertility preservation organized by Indian Fertility Society Chapter Uttarakhand on 27-08-2020.
- c) Participated as panellist in webinar organized by Indian menopause society (IMS) on "Sequelae of PCOS beyond infertility" on 16th September 2020.
- d) Participated as guest speaker in web symposium "Midlife matters – menopause, sexuality and more ... find your silver lining on 22nd August 2020 organized by SRHU & Dehradun obst & gynae society
- e) Participated as Faculty(speaker) in "Circle of Ease" webinar on "orbit of menopause" held on 11th October 2020.
- f) Post graduate paper evaluator in two sessions of FOGSI PG Research talent hunt 10-11 Oct 2020 e conference organized by FOGSI PG CME committee.
- g) Participated as guest of honour in webinar on breast disorders organized by FOGSI, SOGS & UK Societies on 5th November 2020.
- h) Participated as Faculty(speaker) in "Ease the pause" webinar on 10th November 2020 organized by UK societies & SOGS.
- i) Participated as Chair person in "Estrogen Webinar 2.0" eCME on topic of "A Clinicians Perspective on: Role of Estrogen & Making the Right Choice" on 27-February-2021.
- j) Participated as faculty (speaker) in ISAR sun pharma programme on 21 NOV 2020. Topic - MALE INFERTILITY – 2 IUI failure

- k) Guest of honour in a FOGSI SMC PAC Webinar on "Sexual Dysfunction" on 7th November, 2020 (organised by FOGSI's Sexual Medicine Committee).
- l) Participated as panelist in "Accelerating Cervical Cancer Elimination in Uttarakhand- An AIIMS Rishikesh Initiative" organized by Department of Obstetrics & Gynaecology, AIIMS Rishikesh, Uttarakhand, India on 17th November, 2020.
- m) Chairperson in Pan symposium organized by Uttarakhand obst /gynae societies on Abnormal Uterine Bleeding (AUB) on 11th December 2020.
- n) Participated as panelist in Yuva speaks and lead for new India series on theme of review and optimize universal antenatal care in India on 14th January 2021 by Gorakhpur obst/gynae society and manyata.
- o) Participated as faculty (panelist) in a panel 'Breast Concerns; Here's the Solution' in a Webinar on "Breast Disorders: Simplifying the Myths" on 05/11/2020 (organised by Saharanpur Obstetrics and Gynaecology Society and FOGSI breast disorders committee).
- p) Presented an e-poster as co-author titled "A Unique Case of a Huge Ovarian Tumor where Fertility Sparing Surgery was Not an Option" at the 16th Annual Conference "FERTIVISION 2020" on 4-6th December 2020.
- q) Participated as co-organizer in Stree vardaan abhiyan along with department of gynae plastic and reconstructive surgery on 7th March 2021.
- r) Participated as faculty (SPEAKER) in "Happy Learning Master Class Webinar Series" on Fibroids on 09/03/2021 and spoke on medical management of fibroid uterus
- s) Participated in cervical cancer awareness program as resource person and speaker on the occasion of International women's day on 8 March 2021 in Dept of Obst and Gyane, AIIMS Rishikesh as part of ICMR task force study.

**2. Awards & honours received**

- a) Received "Super woman" award by skilled and rotary doon shivalik hills 3080 on 7th March 2021 for contribution in maternal health.

- b) Received appreciation award “Corona Warrior samman” from helping hands organization, Rishikesh.

**Prof Shalini Rajaram**  
**Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Convenor / Organising Chairperson**

- a) Organising Chairperson, 3rd Webinar on Volume Reductive Vaginal Surgery, Society of Vaginal Surgeons, Delhi Chapter and Society of Vaginal Surgeons of India, 23rd August 2020
- b) Convenor Pre-congress AOGD workshop ‘Updating Surgical Skills in Gynecologic Oncology: A video workshop’, 26th October 2020, 42nd Annual Conference and 1st E-conference of Association of Gynecologists and Obstetricians of Delhi, 30th Oct -1st November.
- c) Organising Chairperson Cervical Cancer Elimination program (WHO call for Action), 17th November 2021, AIIMS Rishikesh. Virtual Panel Discussion ‘Accelerating Cervical cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative’ with participation of Director, Dean, Prof R. Rengaswamy (WHO advisor, IARC), State NHM officials and experts in the field from Dept. of Obstetrics & Gynecology (AIIMS Rishikesh), President Uttarakhand Chapter of Obstetrics & Gynecology, CFM, Pathology, Microbiology, Medical Oncology etc. Quiz competition and Essay competition organised and certificates distributed to the winners
- d) Organising Chairperson ‘Awareness and Screening program for Cervical Cancer’ on International Women’s Day, 8th March 2021, Gyn OPD (AIIMS Rishikesh)
- e) Organising Faculty, as President Society of Vaginal Surgeons, Delhi (SOVSD), CME ‘Urogynecology- Basics & Beyond’, UCMS Golden Jubilee Year, 20th March, 2021
- f) Moderator, Present Status of Surgery in Cervical Cancer In MIS in Gynecologic Oncology during COVID times, CME series. Organised by Association of Gynecologic Oncologists of India, 2nd

September, 2020

- g) Moderator, Case Based Discussions on Pre-Invasive Genital Cancer, AOGIN India Clinical Practice Lecture series, August – October 2020, 19th September 2020
- h) Moderator, Cancer in Pregnancy, AOGIN India Clinical Practice Lecture series, August – October 2020, 26th September 2020
- i) Moderator, Virtual Panel Discussion ‘Accelerating Cervical cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative’, 17th November 2020, AIIMS Rishikesh
- j) Moderator, Preinvasive and Invasive Cervical Cancer: Case Discussions, AOGD Webinars organised by AOGD and AOGD Oncology Committee, 23rd January 2021
- k) Moderator, Carcinoma Endometrium Case Discussion, Virtual Gurukul Classes, organised by Institute of Obstetrics & Gynecology, Sir Ganga ram Hospital under aegis of AOGD & ISOPARB, 7th February 2021
- l) Faculty & Moderator, Cancer Cervix Case Discussion, 23rd Practical Course & CME, 12th – 14th March 2021 organised by Department of Obstetrics & Gynecology, Maulana Azad Medical College, New Delhi, 12th March 2021
- m) Panelist, Laterally Extended Endopelvic Resection, Virtual Webinar organised by Association of Gynecologic Oncologists of India, 26th March 2021
- n) Panelist, Tumor Board Consensus-Fertility preservation Gynaecologic Oncology Update & E CME organized by the POGS (Perinthalmanna O&G Society) & The Gynaecologic Oncology Committee of KFOG, 20th September, 2020
- o) Panelist, Case based studies in Cervical Cancer Screening, Masterstroke Classes on Cervical Cancer Prevention, Cervical Cancer Mukh Bharat Season 2 series, organised by Haryana Association of Obstetrics & Gynecology, 17th February 2021
- p) Expert, Ask the experts: Case Based discussion, Cancer and Pregnancy, FOGSI, FIGO, SAFOG, BSOG Conference ABHYIGYAN 2021, 26th – 28th February 2021, 28th February 2021
- q) Expert, Carcinoma Cervix, South India PG CME on Gynaecologic Oncology, orga-

nized by FOGSI Oncology committee in association with Perinthalmanna Obstetrics & Gynecology society, 13th & 14th February 2021, 13th February 2021

#### Guest Lectures delivered

- a) Basics of Vaginal Volume Reductive Surgery, 3rd Webinar on Volume Reductive Vaginal Surgery, Society of Vaginal Surgeons, Delhi Chapter and Society of Vaginal Surgeons of India, 23rd August 2020
- b) Screening for Cervical Cancer, In Cervical cancer Session. Knowledge Series in Gynecological Malignancies Year in Review & Breast Cancer Update, Cancer Research and Statistical Foundation, AGOI and AOGD, 18th June 2020
- c) 'Molecular Subtypes of Endometrial Cancer', FOGSI Oncology Committee Webinar, 11th October 2020
- d) Surgical Training – Quality Indicators. AOGD Pre-Congress Workshop. 42nd Annual Conference and 1st E-conference of Association of Gynecologists and Obstetricians of Delhi, 30th Oct -1st November, 26th October 2020,
- e) 'Screening for Endometrial Cancer- Who, when and how?' In 'Just Tumors' FOGSI & Pune Obstetrics & Gynecology International Virtual Conference, 11th December 2021
- f) 'Less Common Ovarian Histologies' In 'Just Tumors' FOGSI & Pune Obstetrics & Gynecology International Virtual Conference, 13th December 2021
- g) 'Preinvasive Carcinoma of Cervix – Optimum Management' 1st Annual Conference of Greater Noida Obstetrics & Gynecological Society, 17th January 2021
- h) Management of High Risk Gestational Trophoblastic Disease, MP AGOI Annual Conference, 21st January 2021
- i) Ultra High Risk GTN, FOGSI- ICOG National Conference on Non-Communicable Diseases 2021 (4th -7th Feb 2021) 5th February 2021

#### As Chairperson

- a) FOGSI President's Oration, Women's health crisis in COVID 19 Pandemic, 42nd Annual Conference and 1st E-conference of Association of Gynecologists and Obstetricians of Delhi, 30th Oct -1st November. 31st October 2020
- b) 'Applied Anatomy & Clinical Physiology of

Lower Urinary Tract', Webinar Post Operative Voiding Dysfunction – Dilemmas and Management, Society of Vaginal Surgeons Delhi, 9th January 2021

- c) Video session: Uterosacral ligament plication, Autologous fascial sling, LeFort's Colpoclesis, Burch Colposuspension. 'Urogynecology - Basics & Beyond', UCMS Golden Jubilee Year, 20th March, 2021
  - d) Ovarian Cancer – Quest for a Better tomorrow. Guest Speaker Dr. Denis Chi, Memorial Sloan Kettering Hospital, New York organised by Max Hospital, Saket, Delhi under aegis of Cancer Research and Statistic Foundation, 20th February 2021
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- a) Overseas Guest Faculty, Journal presentation and Debate, Portec 4 A trial & Adjuvant treatment is mandatory for management of Endometrial Cancer, 29th December 2020
  - b) Panelist, Vulvar Diseases – An unspoken myth Department of Gynecological Oncology, Bangabandhu, Sheikh Mujib Medical University, Dhaka, Bangladesh, 5th March 2021

#### Dr Anupama Bahadur Additional Professor

- 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

#### Convenor / Organising Chairperson

- a) Co-convenor in a pre-conference workshop conducted by 16th Annual conference FERTIVISION & 1st Virtual Global Congress of Indian Fertility Society on 29th November 2020.
- b) Co-convenor for a webinar in 16th Annual conference FERTIVISION & 1st Virtual Global Congress of Indian Fertility Society held on 4th -6th December, 2020
- c) Organised awareness program on screening of common cancer (Oral, Breast and Cervical) in Gynae OPD on International Women's day, 8th March,

2021 at AIIMS, Rishikesh.

- d) Coordinator for Training on “Introduction to Basic Surgical & Laparoscopy Course” at AIIMS Rishikesh on 6th and 10th February 2021

**Moderator: Panel Discussions**

Moderator for panel discussion on “Counseling In ART” during 16th Annual conference FERTIVISION & 1st Virtual Global Congress of Indian Fertility Society held on 29th November, 2020

**Panelist/Expert in Panel Discussions**

- a) Panelist on Fertility Preservation in Indian Fertility Society Uttarakhand Chapter Webinar on 27th August 2020.
- b) Panelist in a webinar on “OVARIAN INFERTILITY” organized by Western UP IFS Chapter and SRMSIMS (SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES) BAREILLY conducted on 20th September, 2020
- c) Panelist in a webinar on “Accelerating Cervical Cancer Elimination in Uttarakhand: AIIMS Rishikesh Initiative” conducted by Department of OBG, AIIMS, Rishikesh on 17th November, 2020

**Guest Lectures delivered**

- a) Invited Speaker in a webinar on “Basic components of da vinci & benefits of robotics in gynecology” conducted by Dehradun Obstetrics and Gynecology society on 21st August, 2020.
- b) Invited Speaker in a webinar at Da Vinci User Meet- Benign Gynecology on topic of “da Vinci Benign Hysterectomy” held on Saturday 21st November, 2020.
- c) Invited Speaker at Women empowerment week on mental health and cervical cancer conducted by Modern Institute of Technology, Rishikesh on 18th March, 2021.
- d) Keynote speaker & Moderator in Vattikuti Foundation webinar series on ROBOTICS IN INFERTILITY held on 24th October, 2020
- e) Keynote speaker & Moderator in Vattikuti Foundation webinar series on A Woman’s Journey from Adolescence to Menopause held on 12th December, 2020
- f) Invited Speaker in webinar on Da Vinci Hysterectomy : Tips & Tricks: Complications, Conducted by Robotic

Surgery in Gynaecology & Infertility held on 18th Dec, 2020

- g) Invited Speaker in webinar on Recurrent pregnancy loss: Evidence based management conducted by ISAR, Held on 5th May, 2020
- h) Invited Speaker in webinar on Recurrent pregnancy loss: Evidence based management - Case file, conducted by IFS Held on 3rd Feb, 2021
- i) Invited Speaker on “Impact of Advanced Robotic Training Program” organised online by Intuitive on 4th February 2021
- j) Invited Speaker in webinar- CME on “OBSTETRIC CARE AND COVID-19 PANDEMIC” conducted by M.M.I.M.S.R (M.M. Institute of Medical Sciences & Research, Mullana, Ambala) in association with SOGA (FOGSI) held on 30th June, 2020
- k) Invited Speaker on “Aloimmune factor and Role of Immunotherapy in RPL” in a eLEAP CME Program held on 27th July, 2020 on the theme of Recurrent Pregnancy Losses conducted by M.M.I.M.S.R (M.M. Institute of Medical Sciences & Research, Mullana, Ambala)
- l) Invited Speaker in webinar on Robotics In Gynaecology-GEM ROBOTICS held on 16th and 17th of January 2021, conducted by IAGE (Indian Association of Gynaecological Endoscopists).

**Judge**

- a) Judge at " PRATIBIMB " an online reciting competition on google meet. 5th of September 2020 , 4:00 pm organised by Rishidharaa (Poetry club of AIIMS Rishikesh)
- b) Invited Judge for Free paper presentation In a E-Conference on International Adolescent Health conducted by FOGSI on 29th August, 202

**Chairperson**

Chairperson in a Pre-Conference E-Workshop on “Enhancing Surgical Skills in Gynae Endoscopy” Held on 27th October, 2020 conducted by 42nd Annual & 1st E-Conference of AOGD (Association of Obstetrician & Gynaecologists of Delhi).

**2. Awards & honours received**

- a) 1st Prize winner of E poster at NOESIS an Annual conference of PCOS conducted



by The Perinthalmanna Obstetrics and Gynecology society(POGS) on 8th and 9th August 2020.

- b) Received Teacher's Day Award 2020 for distinguished contribution for COVID 19 management
- c) 2nd prize winner for poster presentation on "Correlation of HOMA-IR, Anti-Mullerian Hormone & Body Mass Index in characterization of Polycystic Ovary Syndrome Phenotypes in Reproductive age group" in 5th International Annual Virtual Conference of the PCOS Society of India conducted on 21st & 22nd November, 2020.
- d) 2nd prize winner for E paper presentation in Malignant tumors (consultant category) for a topic of "Correlation of CA-125, HE4 and IOTA Simple rules in differentiating benign from malignant adnexal masses" during FOGSI-POGS International virtual conference named JUST TUMORS-BENIGN TO MALIGNANT organised on 11th-13th December 2020.
- e) Certificate of Appreciation" for being Frontline Corona Warrior by Asahay Jan Kalyan Sewa Samiti on occasion of International Woman's Day, 10th March 2021.
- f) Certificate of Appreciation from Modern Institute of Technology, Rishikesh during Women's Empowerment week (March 15-22, 2021) for spreading awareness on cervical cancer and HPV vaccination.

**Dr Latika Chawla**  
**Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Guest Lecturer at eLEAP CME on 16th July, 2020. Delivered guest lecture on topic "Recurrent Pregnancy Losses, Managing the Unexplained"
  - b) Panelist at eLEAP CME on 16th July, 2020 in Panel Discussion entitled " Case Discussion on Early Pregnancy Loss"
  - c) Panelist in an online program " Baat Uttarakhand Ki : Mahila Aur Bal Suraksha Aur Swastha" on 27th August, 2020
  - d) Panelist in a Webinar organized by Indian Fertility Society, Uttarakhand Chapter on 27th August, 2020 on Solving Dilemma in

PCOS

- e) Resource Faculty in Workshop in Fetal Medicine on 2nd November, 2020 held during the 42nd Annual Conference (1st E-Conference 2020) of the Association of Obstetricians and Gynaecologists of Delhi (AOGD)
- f) Quiz Master in Fetal Medicine Quiz on 2nd November, 2020 held during the 42nd Annual Conference (1st E-Conference 2020) of the Association of Obstetricians and Gynaecologists of Delhi (AOGD)
- g) Panelist in a Webinar on Sexual Dysfunction by FOGSI Sexual Medicine Committee on 7th November, 2020

2. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Resource Faculty in ATLS Course held at AIIMS Rishikesh, from 25th to 27th February, 2021

3. **Awards & honours received**

- a) "Certificate of Appreciation" for being Frontline Corona Warrior by Asahay Jan Kalyan Sewa Samiti on occasion of International Woman's Day, 10th March 2021.
- b) "Instructor Status" at Advanced Trauma Life Support (ATLS) Course in August 2020.
- c) "Certificate of Appreciation" for pioneering Fetal Medicine in state of Uttarakhand by Life Cell International Ltd. on Doctor's Day, 1st July, 2020
- d) "Certificate of Appreciation" by Indian Medical Association (IMA), Rishikesh for being a Corona Frontline Warrior, on Doctor's Day, 1st July, 2020
- e) "Certificate of Appreciation" at 42nd Annual Conference (1st E-Conference 2020) for Oral Presentation in Free Paper Category on theme topic High Risk Pregnancy : held from 23rd October to 6th November 2020
- f) "Gold Medal and First Prize" at 42nd Annual Conference (1st E-Conference 2020) for Poster Presentation in Free Paper Category held on 24th October 2020
- g) "First Prize" in ePoster Competition held in midterm UPGOG conference on 4th and 5th July 2020

**Dr Amrita Gaurav**  
**Assistant Professor**

**1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) "Accelerating cervical cancer elimination in Uttarakhand- An AIIMS Rishikesh initiative" – Organised by Department of Obstetrics and Gynaecology, AIIMS Rishikesh Nov 2020- Organised the essay competition
- b) Indian Fertility society –Uttarakhand chapter Webinar on fertility preservation 27 August 2020.- Participated in Panel discussion
- c) International women's day celebration 8 March 2021 in Department of Obstetrics and Gynaecology, AIIMS Rishikesh Under the Capacity building through HRRC and Teaching Institutes to operationalise Government Guidelines for screening of Common Cancer ICMR task force study-participated in cervical cancer awareness program

**3. Awards & honours received**

- a) Online Certificate course on "Understanding Medical research" by Yale University, USA
- b) Online Certificate course on "Anatomy of Chest , Abdomen and Pelvis " by Yale University, USA
- c) Online Certificate course on "How to write and publish a scientific paper " by Ecole polytechnique, France
- d) Online Certificate course on "Medical statistics" by University of cape town, South Africa.
- e) Online certificate course of Good Clinical Practice by National Drug Abuse treatment- Clinical trial Network

**Dr Rajlaxmi Mundhra**  
**Assistant Professor**

**1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Involved as Moderator in Panel Discussion on Fertility Preservation organised by Indian Fertility Society Chapter

Uttarakhand on 27-08-2020.

- b) Involved as Panellist in Case presentation and Discussion in the workshop on "Counselling in ART" in the 16th Annual Conference Fertilisation & 1st Virtual Global Congress of Indian fertility Society on 29th November 2020.
- c) Involved as Speaker on the topic "Robotics Basic Components, Instruments and Port Placement" on 18th December 2020 in the Webinar on Robotic Surgery in Gynaecology and Infertility.
- d) Involved as Panellist in Panel discussion on AUB Case Scenario in Pan symposium on AUB on 19th December 2020.
- e) Involved as Instructor Candidate in 11th ATLS Provider Course AIIMS Rishikesh from 25th -27th February 2021.
- f) Participated as Coordinator for Training on "Introduction to Basic Surgical & Laparoscopy Course" at AIIMS Rishikesh on 6th and 10th February 2021.
- g) Involved in spreading awareness about cervical cancer and vaccination on International Women's day (8th March 2021) to women presenting in Gynaecology OPD
- h) Involved in spreading awareness about mental health problems to students of Modern Institute of Technology, Rishikesh during Women's Empowerment week (15-20 March 2021)

**2. Awards & honours received**

Appreciation certificate from Modern Institute of Technology, Rishikesh during Women's Empowerment week (march 2021) for teaching students on Mental health and ways to deal with mental stress

**DR KAVITA KHOIWAJ**  
**ASSISTANT PROFESSOR**

**1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated as Panelist in Curbside Clinics on Gestational Hypertensive Disease organized by Dehradun Obs & Gynae Society on 28/04/2021
- b) Participated as panelist in workshop on "Strengthening Health Service Delivery and Health Providers's Capacity to respond to violence against Women and Girls" conducted by AIIMS- WHO on 25/03/2021

- c) Participated as faculty (chairperson) in “Happy Learning Class Webinar Series” on Fibroid and Pregnancy on 09/03/2021
- d) International women’s day celebration 8 March 2021 in Department of Obstetrics and Gynaecology, AIIMS Rishikesh Under the Capacity building through HRRC and Teaching Institutes to operationalise Government Guidelines for screening of Common Cancer ICMR task force study-participated in cervical cancer awareness program
- e) Participated as faculty (panelist) in a panel ‘Luteal phase defect” on 20/01/2021 (organised by Saharanpur Obstetrics and Gynaecology Society).
- f) Conducted a Quiz on “Cervical cancer awareness, vaccination and screening” as Quizmaster on 11/11/2020 at Department of Obstetrics and Gynaecology, AIIMS Rishikesh.
- g) Participated as faculty (panelist) in a panel ‘Breast Concerns; Her’s the Solution’ in a Webinar on “Breast Disorders: Simplifying the Myths” on 05/11/2020 (organised by Saharanpur Obstetrics and Gynaecology Society).
- h) Participated as faculty (panelist) in a panel ‘Decoding Female Sexual Dysfunction Enigma’ in a Webinar on “Sexual Dysfunction” on 07/11/2020 (organised by FOGSI’s Sexual Medicine Committee).
- i) Moderated a panel on Fertility Preservation in Indian Fertility Society Uttarakhand Chapter Webinar on 27th August 2020.
- j) Presented a video titled “Laparoscopic management of interstitial ectopic pregnancy” in AMASICON 2020 on 20-22 November 2020.
- k) Presented an e-poster titled “A Unique Case of a Huge Ovarian Tumor where Fertility Sparing Surgery was Not an Option” at the 16th Annual Conference “FERTIVISION 2020” on 4-6th December 2020.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Presented an e-poster titled “A comparative analysis between unidirectional barbed versus conventional vicryl suture for vaginal cuff closure in cases of Total

Laparoscopic Hysterectomy” at the 19th World Congress of the International Society of Gynecological Endocrinology on 2-5 December 2020.

**3. Awards & honours received**

Received Appreciation Award for presenting a poster titled “An extremely unusual case of a Ginormous malignant ovarian tumour” in AOGD virtual congress on 25th October 2020.

# DEPARTMENT OF OPHTHALMOLOGY



## 8.28 OPHTHALMOLOGY

Vision of our department is to become the centre of excellence in Ophthalmology by delivering and advancing excellence in training, research and clinical practice.

The Mission of our department is to educate and mentor the future clinicians, teachers and scientists; lead in the delivery of the highest quality of patient care contributing to the eye care needs of society, our communities and improving the health of individuals and populations locally and globally.

### Our Goal is

- To develop a centre of excellence in ophthalmology at AIIMS Rishikesh. To cultivate faculty members who are known as "the final authority" in their subspecialty of ophthalmology, and to develop the Eye

Institute as a regional and international centre of excellence for treatment of vision disorders.

- To provide Competency based Medical Education where the undergraduate and post graduate should be trained professionally with learning of effectively communication with patients and their relatives in a manner respectful of the patient's preferences, values, beliefs, confidentiality and privacy.
- To providing excellent patient care and community services to help in eliminating preventable and treatable cause of blindness in the community and our country.
- To develop subspecialty training centre.

Department has following faculty members –

Sl. No.	Name of Faculty/SR/JR/Scholar	Designation
1	Dr. S.K. Mittal	Professor & Head
2	Dr. Ajai Agrawal	Additional Professor
3	Dr. Vinita Gupta	Additional Professor
4	Dr. Anupam	Additional Professor
5	Dr. Neeti Gupta	Associate Professor
6	Dr. Ramanuj Samanta	Assistant Professor
7	Dr. Devesh Kumawat	Assistant Professor

### I) Departmental activities :

#### 1. Academic activities

##### Undergraduate (Medical):

01 Batch VI of 2017 batch are currently being taught in Ophthalmology. Teaching is done through lectures, seminars, demonstration, tutorials & clinical patient based methods. Formative & Summative assessment is done as per institutional academic protocols.

##### Undergraduate (Paramedical):

B.Optomety 3 Batches (19 students) - are currently being taught in Ophthalmology Through Optometry tutor, Senior Residents & Faculty

##### Postgraduate (Medical)

- a) M.D Ophthalmology:- 02 batches July, 2017 & January 2018 have already passed out. 05 batches January 2018 (01), July 2019 (01), January 2020 (06), July 2020 (04) and January 2021(05); Total 17 students are currently undergoing MD Ophthalmology.

- b) D.O Ophthalmology:-January 2021(1) : 1 student of DO Ophthalmology.

Both MD Ophthalmology and DO Ophthalmology training are done through clinical case presentation, journal, seminar, OPD, IPD, OT based teaching methods as per standard institutional protocols.

#### 2. OPD Services

**OPD patients:** 11,007 (number of patients seen in ophthalmic OPD requiring specialized tests). Other than this, many patients were seen in common screening OPD during COVID-pandemic as per standard institutional protocol.

#### 3. IPD Services

Total IPD patients	- 297
Ward Admissions patients	- 168
Day care patients	- 129

IPD Admission were markedly restricted as per institutional norms during COVID-19 pandemic.

#### 4. Diagnostic Services

Department of Ophthalmology provides various sub speciality services including cataract, glaucoma, squint, Oculoplasty, Vitreo-Retina & retinopathy of prematurity (ROP) services, cornea & ocular surface services, eye Banking and corneal transplant services. However, speciality services were limited in the current year due to COVID pandemic.

#### 5. Major/Minor OT Services

Major Cases	- 236
Minor Cases	- 32
Total cases	- 268

Total number of Ophthalmic surgeries were markedly restricted due of COVID -19 pandemic. Only emergency /urgent cases were performed as per institutional norms.

#### 6. Special Clinics

The department runs various special clinics including Vitreo-Retina Clinic, Glaucoma Clinic, Squint & pediatric ophthalmology Clinic, and Cornea & Ocular surface clinic. The speciality clinic patients were seen during routine OPD times in a restricted way due to COVID-19 pandemic.

#### 7. Health awareness / educational activities organized by department

- Department of Ophthalmology participated actively in Netra Kumbh, Haridwar from 14 March 2021 to 28 April 2021.
- The total number of patients seen during Netra Kumbh Haridwar was:- 5,956
- Educational activities in Glaucoma awareness week 7th March to 13th March, 2021 were obtained.
- 35th eye donation fortnight was observed from 25th August to 8th September 2020 by raising awareness of MBBS, nursing students, hospital staffs and common people regarding eye donation. Various educational webinars were also organized by Rishikesh Eye Bank during this period.

#### 8. CME/ workshop/ conference /training organized by department

- Department of Ophthalmology hosted Webinar on 'Basics of cataract surgery Part-I' on 7th August, 2020
- Webinar organized on "Eye banking and corneal transplantation in Uttarakhand" under the aegis of UKSOS & EBAI on 26th August, 2020.
- Department of Ophthalmology hosted Webinar on various aspects of blindness and its prevention on "World Sight Day" on 8th October, 2020 with the theme of 'Hope in Sight'
- Organized 3rd Hands-on Phacoemulsification training course for Residents on 25.03.2021 and 26.03.2021

#### 9. New initiative of department

Department of Ophthalmology successfully conducted online video-conferencing based practical MD examination with external examiners of two post-graduate ophthalmology batches (July 2017 and January 2018) during this period of COVID pandemic.

Moreover, most of the classes of undergraduate and post-graduate students were taken on various online platforms (google meet, skype, zoom etc.) due to COVID pandemic.

#### 10. Other activities / achievement by Department

All faculties, residents and staffs of Ophthalmology department participated actively in management of COVID-19 pandemic as per institutional protocol.

#### 11. Future plans of department

- To establish Tele-ophthalmology module for all District of Uttarakhand State
- Up gradation to Advanced eye Centre with all sub specialities in Ophthalmology
- To start Refractive surgeries in near future
- To start fellowship programmes in Cornea & Vitreo-retina.

#### II) Faculty activities:

**Dr. Sanjeev Kumar Mittal**  
Professor & Head

- Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Speaker in Webinar 'Basics of cataract surgery': presentation on ECCE surgery on 07th August, 2020
- b) Speaker in Ophthafest on 29th August, 2020 by AIIMS, Bhubaneswar.
- c) Speaker in web meeting - Eye Donation Education on 1st Sept 2021 hosted by Ladies club Rishikesh
- d) Panelist in webinar – Eye Banking hosted by HIMS, Jolly Grant & DDOS Dehardun on 8th Sept 2020 Topics- Medico Legal Aspects of Eye Banking & Corneal Tissue Utilization – HIHT Experience
- e) Moderator in Annual Conference of Delhi Ophthalmological Society, dated 20.12.2020; ACOIN Session: Community Eye Health Practice in COVID Era- Prospective & Promotive
- f) Organized 3rd Hands-on Phaco emulsification training course for Residents on 25.03.2021 and 26.03.2021

## 2. Awards & honours received

- a) Being Dean Examination, organised first time in India the online Video-conferencing based practical exam for twenty postgraduate broad specialties in the month of May 2020, due to covid-19 related travel restrictions for external examiners
- b) Nominated External Member-Board of studies (Surgery and allied) at AIIMS Nagpur wef 31-07-2020
- c) Nominated member, management committee, Kendriya Vidyalaya Rishikesh
- d) Expert Member, Faculty recruitment at Uttarakhand Medical faculty-Oct' 2020.
- e) Expert Member, Faculty recruitment at AIIMS Bhopal Dec'2020
- f) Expert Member, SR interview-AIIMS Deoghar on 1st Dec' 2020
- g) Expert Member, Faculty recruitment by Delhi University for UCMS AP Ophthalmology on 8th Jan, 2021

### Dr .Ajai Agrawal Additional Professor

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Presented lecture titled "Small Incision Cataract Surgery-II" at webinar on "Basics of cataract surgery", organized by All India Institute of Medical Sciences, Rishikesh (07.08.2020).
- b) Moderator of webinar on "Eye donation and corneal transplant in Uttarakhand", organized by All India Institute of Medical Sciences, Rishikesh (26.08.2020).
- c) Presented lecture titled "Glaucoma blindness" at webinar on World Sight Day with theme "Hope in Sight", organized by All India Institute of Medical Sciences, Rishikesh (08.10.2020).

### Dr.Vinita Gupta Additional Professor

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Moderator in a webinar 'Basics of cataract surgery: Part 1', organized by Department of Ophthalmology, AIIMS, Rishikesh on 07th August, 2020
  - b) Moderator of webinar on "Eye donation and corneal transplant in Uttarakhand", organized by All India Institute of Medical Sciences, Rishikesh on 26th August, 2020.
  - c) Presented lecture titled "Visual impairment due to refractive errors" at webinar on World Sight Day, organized by All India Institute of Medical Sciences, Rishikesh 08th october, 2020

### Dr. Anupam Additional Professor

1. **Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Participated in DOSCON2020 annual conference as guest faculty on 19th December, 2020 (online platform) organized by Delhi ophthalmological Society (DOS).
  - b) Participated in Sunetra Midterm conference on 20th March, 2021 as guest faculty (online platform) organized by Strabismus and Pediatric Ophthalmological Society of India (SPOSI).

**Dr. Neeti Gupta**  
Associate Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**As Guest Faculty**

- a) Speaker in Webinar “Basics of Cataract surgery”: Talk on Suturing in ECCE” ON 7.8.2020
- b) Organizer and Speaker in Webinar “Eye Banking and Corneal Transplantation in Uttarakhand” under the aegis of UKSOS & EBAI on 26.8.2020
- c) Moderator in Webinar on 8.10.2020 on the occasion of world sight day
- d) Guest Faculty in Webinar organized on “Eye Donation awareness and recent advances in corneal transplant” on 29.8.2020 with MBBS students of Uttarakhand on E-Gurukul platform organised by Indian Medical Association & students network organization in Uttarakhand, where MBBS students from north India participated
- e) Speaker in web meeting organized with Marwari society of Rishikesh on “Eye Donation awareness” on 1.9.2020 among the general public of Rishikesh.
- f) Speaker in web meeting organized by “SAM DRISHTI CHHAMTA VIKAS AVAM ANUSANDHAN MANDAL” (SAKSHAM) UTTARAKHAND group for “Eye Donation awareness” on 2.9.2020
- g) Guest speaker: Talk on Renaissance of Glycerin tissue in COVID Crisis: In Eye banking in COVID -19 Pandemic – EBAI Session In Mid-term Delhi ophthalmology online conference on 19.12.2020
- h) Chief guest and speaker on Eye Donation awareness on the occasion of International women’s day Celebration on 9.3.2021. Organised by Devbhumi Mahila Uthaan Samiti, Rishikesh

**2. Awards & honours received**

The top fifteen winning Clinical Images/ Innovations from IJMR ‘Clinical Images competition 2019’ –prize money of Rs. 25,000 as prize amount received on march 2021. Image accepted for publication in IJMR

**Dr. Ramanuj Samanta**  
Assistant Professor

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Panelist in a webinar on “Challenges in Pediatric Uveitis” in a retina session organized by Young Ophthalmologist society of India (YOSI) on 15th July 2020
- b) Moderator in a webinar ‘Basics of cataract surgery: Part 1’, organized by Department of Ophthalmology, AIIMS, Rishikesh on 07th August, 2020
- c) Speaker in a webinar on “Retinal Blindness” on World Sight Day, organized by Department of Ophthalmology, AIIMS, Rishikesh on 08th October, 2020
- d) Speaker in a webinar on “Retina Case Files”: Submacular cysticercosis, organized by Advanced Eye Centre, PGIMER, Chandigarh on 11th October, 2020



# EYE BANK



## Eye Bank

A MOU was signed between AIIMS Rishikesh, The Hans Foundation & LV Prasad Eye Institute On 29th January 2019 for setting up of a State of art eye bank at AIIMS Rishikesh with Financial Support by Hans Foundation and technical support by LV Prasad Eye Institute, Hyderabad

Rishikesh Eye Bank was established at All India Institute of Medical Sciences, Rishikesh on 1th August 2019 and got Human Organ and tissue

Transplant certificate (HOTA) on 20 August 2019 and the official opening was done by our Hon. Director sir Padamshri Prof. Ravi Kant on 26 Aug. 2019.

Four technicians/councillors were provisionally selected after they joined our eye bank on 17.4.2019. They were trained for 3 months in LV Prasad Eye institute and joined AIIMS Rishikesh on 18.7.2019 on contract basis.

### Rishikesh Eye Bank has a Staff of

Sl. No.	Name	Designation
1	Dr. Neeti Gupta	Medical Director
2	Bindiya Bhatia	Eye Bank Technician / Councillors
3	Ashwani Vishwakarma	Eye Bank Technician / Councillors
4	Sandeep Gusain	Eye Bank Technician / Councillors
5	Arti Uniyal	Medical Record Clerk

With the help of the eye bank staff, PG students and SRs, we started Hospital cornea retrieval programme (HCRP) at AIIMS Rishikesh and also voluntary corneal donation along with IEC activities in Rishikesh, Dehradun and Haridwar and Roorkee.

### AIIMS Rishikesh Eye Bank Performance from 20.8.2019 to 30.04.2021

S. No.	Activities Conducted by Rishikesh Eye Bank	Aug. 2019- Mar. 2020	Apr. 2020- Apr. 2021	Total Number
1-	No of Eye Donors	77	30	107(214 corneas)
2-	Total No. of corneas transplanted	76	36	112
3-	Total No. of corneas distributed to other corneal surgeons	12	16	28
4-	Total cornea received from other eye donation centre	-	2	2
5-	Total cornea received from RIEB, Hyderabad	35	07	42
6-	Total No. of corneas long term preserved	16	12	28
7-	Eye Ball/Corneas used for Medical Education	37	03	40
8-	Total No. of corneas discarded	45	18	63
9-	Total No. of eye donation awareness programs	68	25	93
9-	Total No. of Pledge form	330	75	405

The Rishikesh Eye Bank had stopped functioning from 22nd March 2020 due to COVID- 19 pandemic. We again started functioning from 12th October 2020 after prior approval from competent authority.

### Total No. of eye donations from 26.08.2019 – 31.04.2021:

	No. of Donations (August – 19 to March 20)	No. of Donations (April -2020 to April 2021)	Total Number till Now
1. HCRP Donation from AIIMS Rishikesh	62	26	88
2. Voluntary Donation from Dehradun, Rishikesh and Haridwar	15	04	19
3. Collection from Other Eye Donation Centre	-	01	01
Total Number	77	31	108

**Total no of Corneal Transplant from August 2019 till April 2021:**

Operated Procedure	(Aug 2019 to Mar 2020)	(Apr 2020 to Apr 2021)	Total Number
TPK/OPK	68	36	104
DSEK/DALK	08	00	08
<b>Total</b>	<b>76</b>	<b>36</b>	<b>112</b>

**Eye Donation Activities Performed by the Rishikesh eye bank till April 2021:**

- a) Eye donation Awareness programme among Nursing students and Nursing Officers of AIIMS Rishikesh – 34
- b) Eye donation awareness programme among doctors and residents of AIIMS Rishikesh – 9
- c) Eye donation awareness programme in Dehradun, Rishikesh and Haridwar – 8
- d) Public awareness programme at AIIMS Rishikesh – 42

Collaboration with UNESCO club Dehradun and Lions club Rishikesh for IEC Activities and Voluntary Donation.

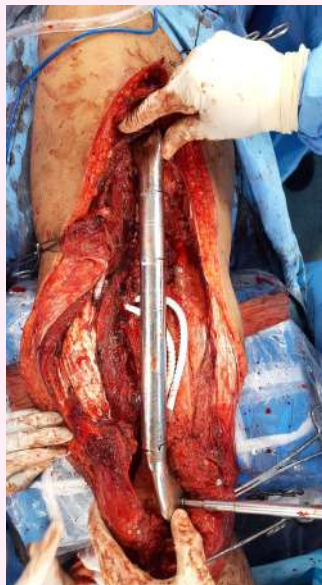
# DEPARTMENT OF ORTHOPAEDICS



Clubfoot workshop



Gap non-union femur managed by vascular fibular grafting.



Total femur resection for chondrosarcoma followed by total femur replacement.



Gap non-union femur managed by vascular fibular grafting

## 8.29 ORTHOPAEDICS

Department has following faculty members –

S. N	Name of Faculty	Designation
1	Dr. Shobha S. Arora	Professor
2	Dr. Pankaj Kandwal	Additional Professor
3	Dr. R. B. Kalia	Additional Professor
4	Dr. Mohit Dhingra	Associate Professor
5	Dr. Vivek Singh	Assistant Professor
6	Dr. Pradeep Kumar Meena	Assistant Professor

### I) Departmental activities:

#### 1. Academic

During the COVID times, the faculty is actively involved with educational training of MBBS students which includes theory classes conducted weekly, clinical teaching by means of Online resources, Standardised patients. Skills lab was used and offline classes were taken where ever possible following the norms of social distancing. The teaching not only stresses on the cognitive domain like clinical examination, interpretation of radiographs and other imaging, but also psychomotor aspect of learning like application of plasters, traction and splintage in common Orthopaedic problems. Assessment of cognitive domain, psychomotor skills and affective domain is done for these students once their clinical postings are completed.

#### Classes MBBS Theory & Clinical from 1st April 2020 to 31 March 2021

Month	Theory lectures	Clinical demonstration
Apr-2020	0	0
May-2020	0	0
Jun-2020	9	0
July-2020	8	0
Aug-2020	8	0
Sep-2020	8	0
Oct-2020	10	0
Nov-2020	8	0
Dec-2020	7	20
Jan-2021	0	40
Feb-2021	0	40
Mar-2021	0	20

With postgraduate students and senior residents in the department, regular lectures, seminars, journal clubs and case presentations are organized for the resident doctors by means of Online resources, Standardised patients. The

resident training is as per ACGME guidelines where main emphasis is on Soft skills. There is special thrust on module based teaching learning, formulating learning objectives for each module where milestones have been set for each subspeciality. Discussion on pre-operative planning and critical analysis of surgical procedure with post-operative x-rays are done every week. They are made to do supervised surgical procedures in the operation theatre according to the seniority grade. Monthly assessment of the residents is done by theory examination based on objective assessment. Clinical assessment is done to test their cognitive domain, psychomotor skills and affective domain on monthly basis and proper feedback is given.

MCh programme: the department boasts to have successfully started super speciality MCh programme in orthopaedics which is one of its kind across the globe. MCh Pediatric Orthopaedics and MCh Spine have been initiated from July 2018 session. One candidate in each subspeciality is inducted every six months for the three-year course. MCh Arthroplasty has been started in July 2019 session with one candidate joining every six months. The department has also started 1 year PDCC course in musculoskeletal tumours and tissue banking and foot and ankle surgery. The department is instrumental in formulating the curriculum and ensuring rotations in other related surgical speciality for complete training of these students.

The department has also started diploma course for plaster technician which inducts two candidates every year. In this one-year course the candidate would learn basics of anatomy, Chemistry of plaster of paris (POP), principles of plaster slab/ cast application, complications of cast, application of traction etc. at present the department has total of three candidates.

2 New courses have been started in 2020 in orthopedics department, B.Sc Neuro-monitoring and B.Sc OT Technician course.

**No. of academic activities done for the post graduate students and Mch students from 1st April 2019 to 31st March 2020**

Month	PG's		MCh Spine		Mch Peadiatrics		Mch Arthroplasty	
	Journal club	seminar club	Journal	seminar	Journal club	seminar	journal club	seminar
Apr-20	5	3	5	3	5	3	5	3
May-20	3	3	3	3	3	3	3	3
Jun-20	4	5	4	5	4	5	4	5
Jul-20	5	4	5	4	5	4	5	4
Aug-20	4	2	4	2	4	2	4	2
Sep-20	4	4	4	4	4	4	4	4
Oct-20	5	3	5	3	5	3	5	3
Nov-20	4	1	4	1	4	1	4	1
Dec-20	4	4	4	4	4	4	4	4
Jan-21	4	4	4	4	4	4	4	4
Feb-21	3	4	3	4	3	4	3	4
Mar-21	3	4	3	4	3	4	3	4

**2. OPD Services**

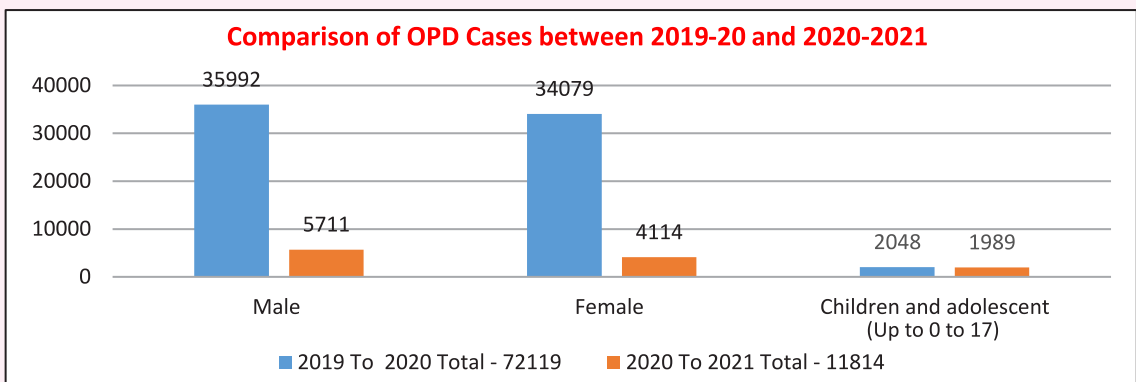
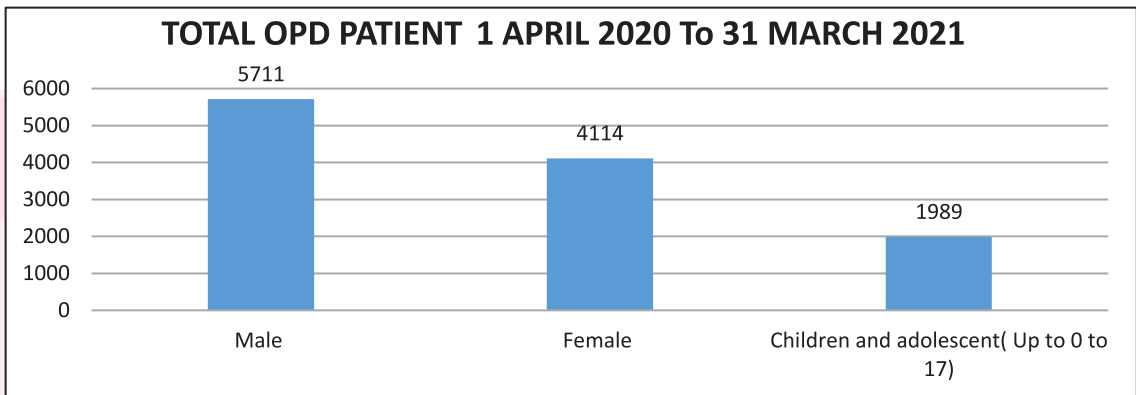
Orthopaedics outpatient was limited to screening OPD because of COVID pandemic. The patients seeking treatment mainly came from Uttarakhand, Himachal Pradesh, Haryana and Uttar Pradesh.

Total OPD patients of the current year- 11814

Outpatient services of Department of Orthopaedics include examining/ treating the patients on daily basis, following post-operative patients and performing procedures like fracture manipula-

tion/cast application, minor procedures, diagnostic & therapeutic injections / infiltrations and other minor orthopaedic procedures apart from teaching the patients about lifestyle modification and active exercises.

TOTAL OPD PATIENT	1 APR. 2020 To 31 MARCH 2021
Patients	Total 11814
Male	5711
Female	4114
Children and adolescent (Up to 0 to 17)	1989



**Specialized sub-speciality clinics**

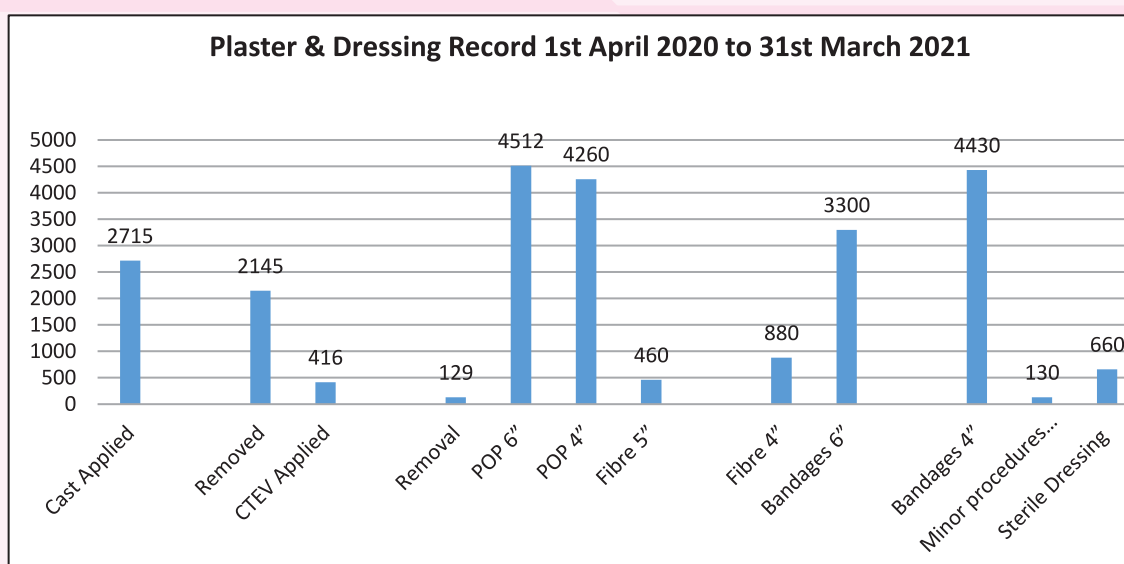
The department conducts sub-speciality clinics like Clubfoot, cerebral palsy clinic, TB Spine Clinic, Arthroplasty, Sports Medicine, Bone tumours, Spine injury Clinic and Shoulder Clinic in the OPD. Clinics were restricted due to COVID pandemic. Still we were serving the needfull. The data is as follows

**Number of Patients Evaluated in speciality Clinic: Month of 1st April 2020 to 31st March 2021**

Speciality Clinic(day wise)	1 April 2020 to 31st March 2021
TB Spine Clinic ( Monday )	26
Tumour Clinic ( Tuesday )	160
Arthroplasty / Sports Injury Clinic ( Wednesday )	110
CTEV Clinic ( Wednesday )	280
Scoliosis Clinic ( Thursday )	25

**Total Cast Applied and Removal Month of 1st April 2020 to 31st March 2021**

Plaster & Dressing Record		2020-2021
CAST	Applied	2715
	Removed	2145
CTEV	Applied	416
	Removal	129
POP	6"	4512
	4"	4260
FIBRE	5"	460
	4"	880
BANDAGES	6"	3300
	4"	4430
	Minor procedures (including fixator removal, intra-articular injections)	130
	Dressing	660



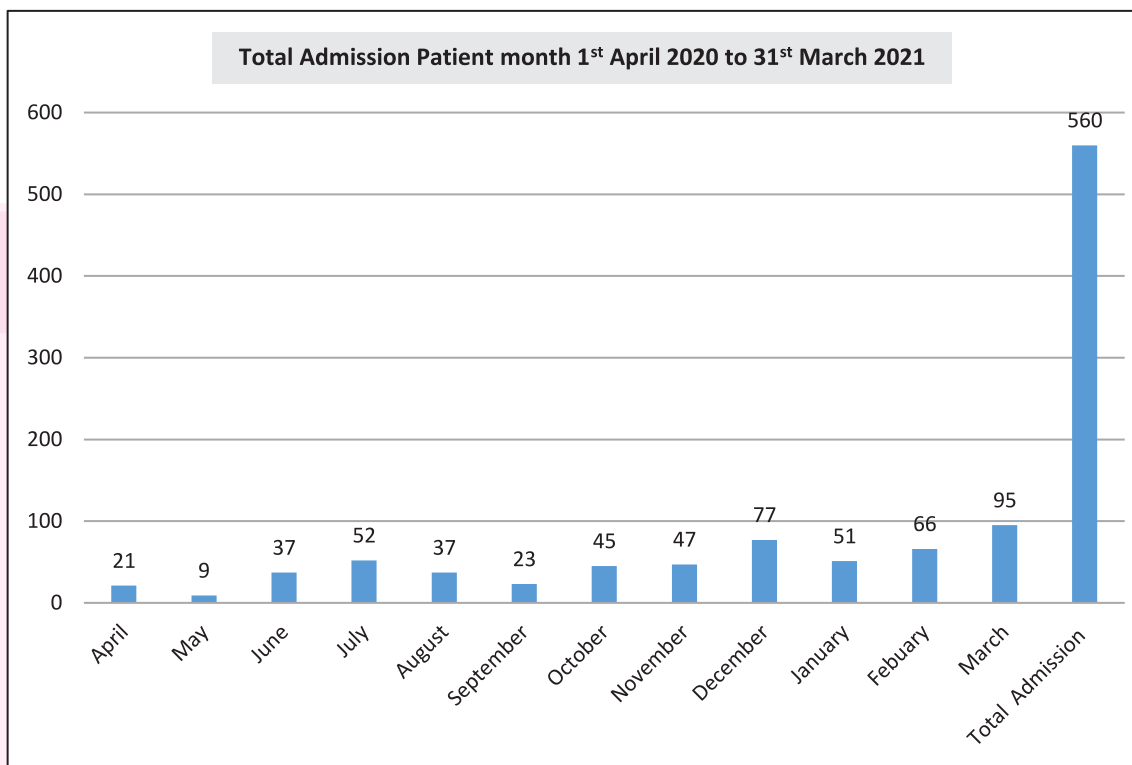
### 3. IPD Services

Patients who need active intervention and care are admitted in the indoor patient department and managed accordingly. We have formulated protocols for paraplegic care, DVT prophylaxis along with the post-op rehabilitation programme for patients undergoing Total Hip, Knee replacements, Arthroscopic procedures, Spinal decompression and fixation, hand surgery, tumour and adult reconstruction surgery.

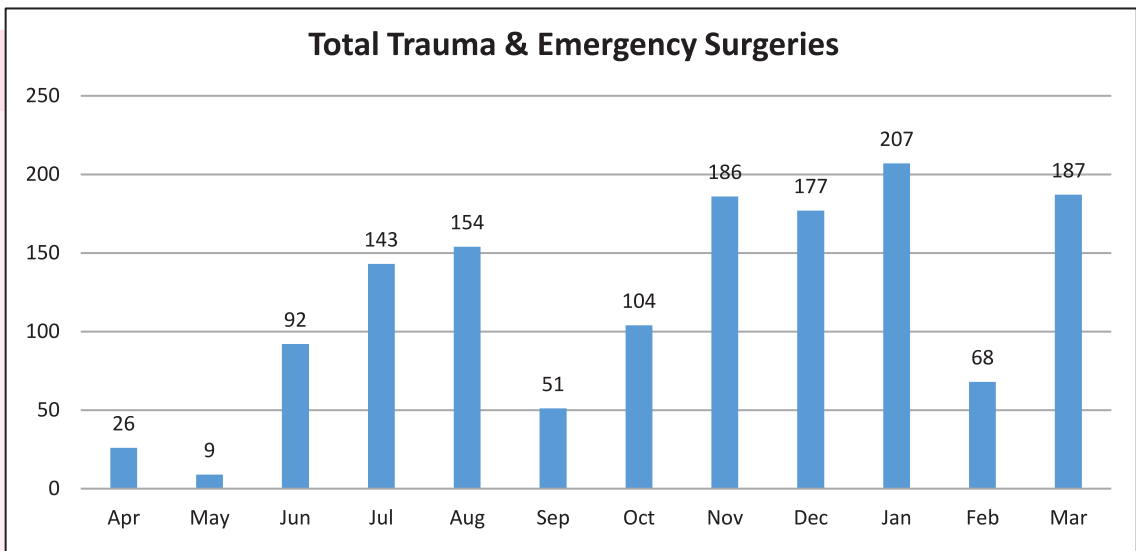
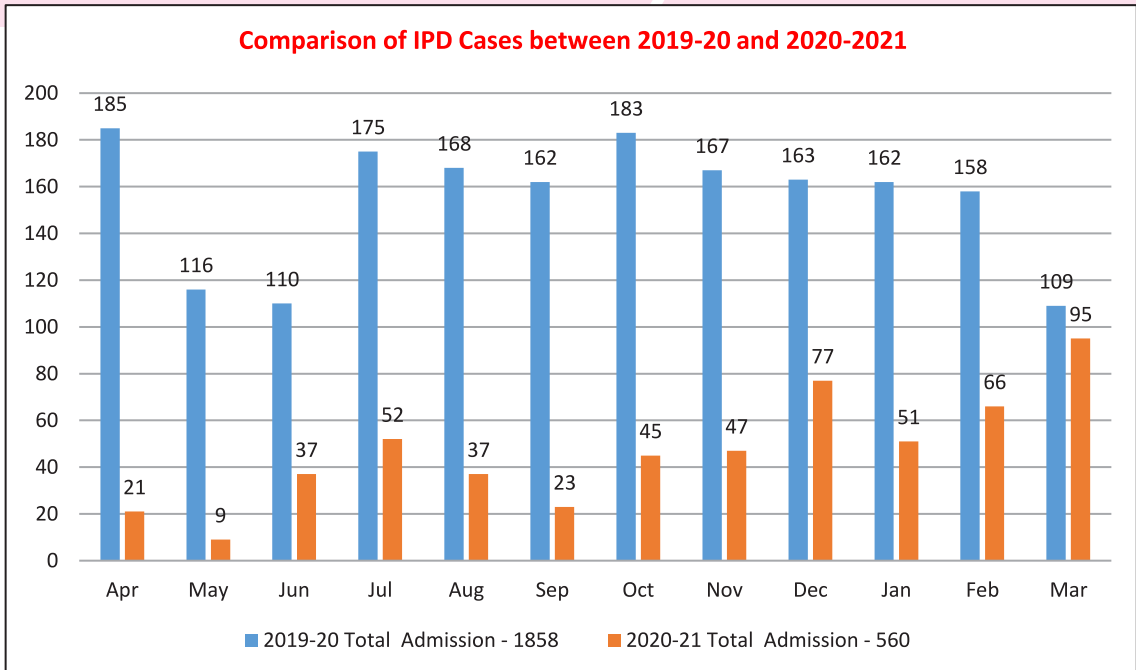
Total numbers of beds in the orthopaedics department are 39. The beds are equally divided into all the consultants who carry speciality work in their field. Owing to the big waiting list for the surgery the patients are discharged after teaching the rehabilitation plan to them.

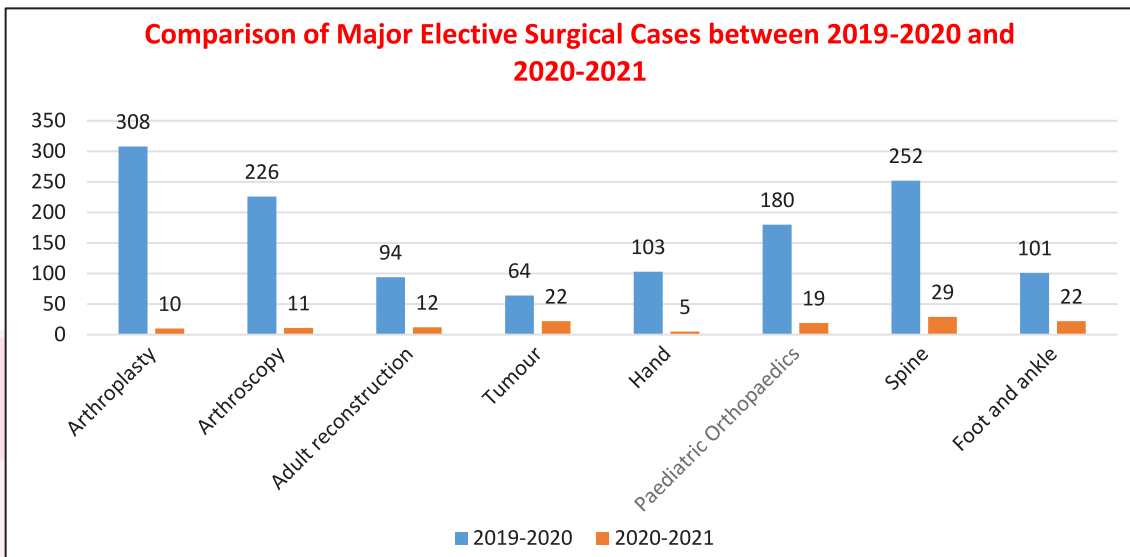
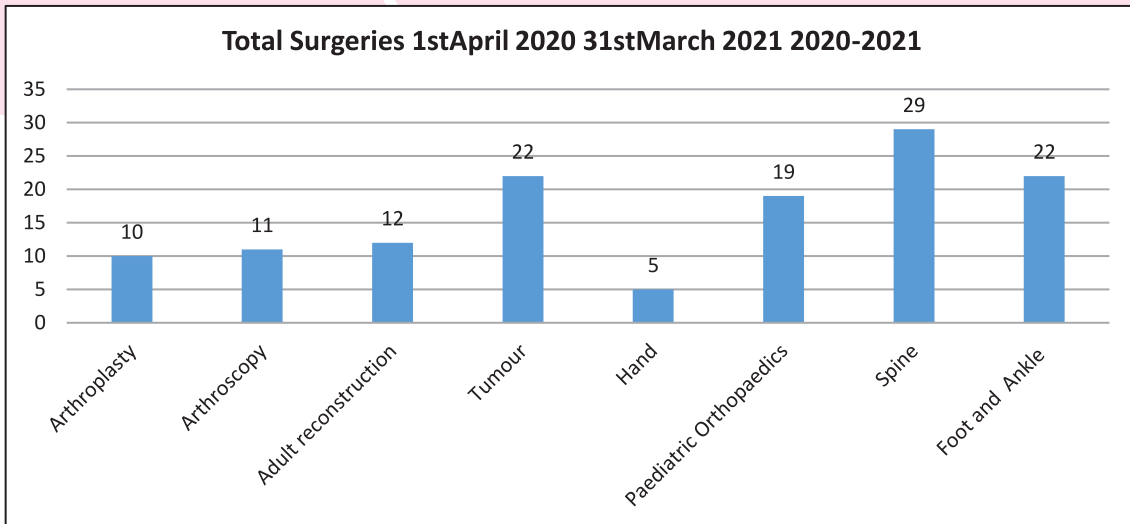
The operative procedures being offered to the patient range from correction of difficult congenital anomalies, other paediatric limb deformities, complex spinal deformity correction, multilevel spinal fixation, revision spine procedures, complex deformity correction of the limbs, orthopaedic tumours, complicated revision hip & knee replacement, complex trauma apart from hand surgery, Arthroscopic procedures for sports injury, discectomy/decompression and trauma surgery.

Number of IPD beds, patients getting admitted, patients operated were restricted owing to pandemic. Only the patients needing life/limb saving surgeries were getting admitted.









**4. Future plan**

Following are the innovations being utilised in Orthopaedics department:

**1. Assessment:**

- a) Department of Orthopedics conducts Modules Based Monthly assessment of Junior Residents as well as Senior Residents (Academic).

Modules are well structured based on expected knowledge for that semester.

A theory exam of 50 case based MCQs is conducted in 3rd week of each month.

Skill based OSCE/OSPE is conducted from respective module at end of 3rd week of each month.

## 2. Integrated sessions:

- a) Integrated sessions have been conducted with Department of Community and Family Medicine to promote Research including Meta-analysis and Systemic reviews and better understanding of Statistics.
- b) Weekly Tumor Board Meeting is conducted with Departments of Radiation Oncology, Medical Oncology, Surgical Oncology.

## 3. Orthopedics department has collaborated and conducted Symposium and Clinical Classroom programmes with Institutes of international repute.

- a) Symposium on 12/09/2020 was conducted by "The University Department of Orthopaedics & Trauma Surgery, TORT Centre, Ninewells Hospital and Medical School, University of Dundee"
- b) JBJS Clinical Classroom demonstration was organized on 20/10/2020.
- c) Guest lectures, case presentations along with live surgery were taken by two visiting guest faculties.

## 4. Various modalities are being used for teaching-

- a) Mannequin from skill lab are being used to perform skills like application of Splints, teaching of ATLS protocols, Arthrocentesis, shock management.
- b) Standardized patients are used for demonstration of clinical signs and soft skills.
- c) Patients with 2- Negative COVID reports who are awaiting surgery are being used to demonstrate pathologies and their clinical examination.
- d) Weekly Online Interactive Seminars and Journal clubs which are part of summative assessment are conducted as follows:
  - i) Monday- Orthopedics Interactive Seminar
  - ii) Tuesday- Pediatric Orthopedics Journal club
  - iii) Wednesday- Spine Journal Club
  - iv) Thursday- Orthopedics Seminar
  - v) Friday- Combined Pediatric and Joints MCh interactive Seminar

- e) Weekly classes are conducted Online / Seminar hall for 1st Semester Junior Residents.
- f) Clinical teaching primarily focused on patient care is conducted every Saturday.
- g) Online classes are conducted for Undergraduate students 2 hours a week focused on Cold Orthopedics, Trauma, Rehabilitation.

In addition to the previous plans which we highlighted in the last annual report of 'Centre for advance orthopaedics' and 'Cadaveric lab' we have added more to our dreams to make our centre par excellence.

### EOS-edge advanced imaging system

We envisage an EOS- edge advanced imaging system which is a Powerful, precise and patient-centred low dose, full body, and high-quality musculoskeletal imaging system. This machine is formulated to impart low dose of radiation to give full body scans. It can deliver 80 % low radiation as compared to same acquisition with normal scans. It's a general X-ray system powered by a high-resolution photon-counting detector which provides optimal image quality for a broad range of patients. The xray captured in this system is true 1:1 scale with no magnification and can be taken in the functional position of the patient. It would be very useful tool for teachers and researchers in all sub-specialties of Orthopaedics like Adult Reconstruction, Spinal Surgery, Sports Injuries, Paediatric Orthopaedics, Hand Surgery, Musculo-skeletal Oncology, Micro-surgery, Shoulder, Foot and Ankle and Joint Replacements.

### Robotics in orthopaedics

The introduction of robotics in orthopaedics has allowed for advanced surgical planning, precision robotic machining of bone, improved implant-bone contact, optimization of implant placement, and optimization of the mechanical alignment. We would like to introduce these technologies in spine and arthroplasty surgeries to increase the precision of these surgeries and minimise complications.

### Multi-centre research and registry

We would like to start a common registry in various sub-specialities of orthopaedics for tertiary care hospitals of the country in order to do multi-centre research and training

**II) Faculty activities :**

**Dr Pankaj Kandwal**  
Additional professor & Head

1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

**Invited lectures as faculty****a) Medtronic webinar**

- AIS for beginners, April 2020
- Role of advanced imaging in Complex spine surgery, May 2020

**b) DOACON August 2020**

- ACDF surgical technique

**c) Kathmandu Orthopaedics Resident Online programme Oct 2020**

- Evaluation and management of AIS

**d) ASSICON Jan 2021**

- Video demonstration of Transpedicular decompression (Lamina Sparing Decompression in TB spine)

**e) Mini IOACON Feb 2021**

- Video demonstration of Transpedicular decompression (Lamina Sparing Decompression in TB spine)

**Conference/workshop organised**

Organising team of ASSICON (Association of Spine Surgeons of India Annual Conference) Jan 2021

1. Biomechanical analysis of Instrumented decompression and Interbody fusion procedures in Lumbar spine: A Finite Element Analysis study. ASSICON Jan 2021
2. Role of diffusion tensor imaging(DTI) in patients of TB spine with neurological deficit. ASSICON Jan 2021
3. Predicting neurological deficit in patients with Spinal Tuberculosis A single center Prospective Observational study. ASSICON Jan 2021
4. Role of short instrumentation in spinal TB: prospective study ASSICON Jan 2021
5. Comparison of outcomes of Dorsolumbar and Lumbar Spine Tuberculosis treated by Open and Minimally invasive techniques- A Prospective study ASSICON Jan 2021

6. Destabilisation following various Decompressive lumbar surgeries: FEA model, Dr Nagaraj Bhatkal, Pankaj Kandwal ASSICON Jan 2021

**Dr R B Kalia**  
Additional Professor

1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Attended as Faculty "How to make Effective PowerPoint Presentation - Tools and Tricks Live Demo – Masterclass" organised by Gujarat Orthopaedic Association on 13th may 2020

- b) Attended "Hip Exoert Training Course Metha meets MIOS" organised by Aesculap Academy on 15-05-2020

- c) Attended "Hip Exoert Training -Direct anterior Approach" organised by Aesculap Academy on 10-07-2020

- d) Attended "All you need to know about publication success and navigating Journal workflow" organized by Wolters Kluwer on 21-08-2020

- e) Attended "SICOT PIONEER live webinar-Global solutions in the management of Multiligamentous knee Injuries" organised by SICOT on 21-08-2020

- f) Attended "Hypersensitivity in knee replacement webinar" organized by Aesculap Academy on 24-08-2020

- g) Attended "Global patent trends in biologics innovation webinar" organised by Clarivate Derwent on 26-08-2020

- a. Attended "Hip expert training course-Excia T and Plasmafit meet Primary Arthroplasty" organized by aesculap Academy on 04-09-2020

- h) Attended "SICOT PIONEER live webinar-Robotic knee arthroplasty: Hype,Hope or reality?" Organised by SICOT on 09-09-2020

- i) Attended "SICOT PIONEER live webinar-"Grand Shoulder Webinar" Organised by SICOT on 19-09-2020

- j) Attended "Partial knee Arthroplasty" Organised by ISHKS on 19-09-2020

- k) Attended "SICOT PIONEER live webinar-"The evolution of Orthopaedic Trauma

Implants: How did we get to 2020"  
Organised by SICOT on 26-09-2020

- l) Attended as Faculty – “Indian Arthroscopy Society live Webinar: Everything Arthroscopy” organised by Indian Arthroscopy Society on 27-09-2020
- m) Attended “Asia Pacific -Meet the Orthopilot experts” organised by Aesculap Asia Pacific on 23-10-2020
- n) Attended “Current Concepts in Arthroplasty-2020” organised by AIIMS, New Delhi on 31/10/20-1/11/20
- o) Attended as Faculty “Uttarakhand Orthopaedic Association Lower Limb Symposium” organised by UAIOA on 08-11-2020
- p) Attended as Faculty “Uttarakhand Orthopaedic Association Uper Limb Symposium” organised by UAIOA on 19-12-2020
- q) Attended as Faculty “Uttarakhand Orthopaedic Association” organised by UAIOA on 09-01-2021
- r) Attended “Regulatory Affair in Healthcare Sector: Drugs and Medical Devices” organised by TIDES, IIT Roorkee on 12-02-2021
- s) Attended “UOA Ortho meet” organised by UKIOA on 20-02-2021

**Dr Vivek Singh**  
**Associate Professor**

1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) e-Symposium on distal humerus fractures, Organized by Dept of Orthopaedics, AIIMS Gorakhpur Date-25/9/2020 Role-Guest faculty
  - b) e-Symposium-Pelvic Osteotomies made easy.Organized by pediatric Orthopaedic Society of India Date-19/3/2021 Role-Guest speaker
  - c) 2nd AIIMS Ponseti clubfoot workshop, Organized by Dept of Orthopaedics, AIIMS Rishikesh Date-13/3/2021
  - d) Role-Organizing secretary/faculty speaker

**2. Award / Honour received**

Awarded, best faculty of Orthopaedics for the year 2020 at annual Orthopaedic meet in November 2020.

**Dr Pradeep Kumar Meena**  
**Assistant Professor**

1. **Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) 2nd AIIMS Ponseti clubfoot workshop, Organized by Dept of Orthopaedics, AIIMS Rishikesh Role- Faculty speaker



## DEPARTMENT OF PAEDIATRICS



## 8.30 PAEDIATRICS

The primary mission of the Department of Pediatrics, AIIMS Rishikesh is to improve the lives of children by providing the highest quality preventive, diagnostic and treatment facilities to children and adolescents and to improve outcomes through research, training, education and advocacy.

In achieving our mission, we commit to the following core values and self-assigned tasks.

- Children come first, above all personal and professional priorities. The right of children to quality healthcare and physical and mental wellbeing assures the future of society. Respect for children above all else is the responsibility of community and health care professionals.
- Ensuring state of the art pediatric and pediatric subspecialty services under one roof so that children of this region can have access to the world-class preventive, diagnostic and treatment services.
- Commitment to optimal outcomes for children and critical evaluation of those outcomes through comprehensive evidence-based quality health care. We aspire for continuous improvement in the quality of health care by making decisions based on the best available evidence in

the literature. At the same time, we envisage to optimize the quality of life, inculcate healthy lifestyle habits and prevent diseases in children.

- Modeling professionalism by supporting each other with respect, integrity, joviality, and collegiality. Intra-departmental, inter-departmental and inter-institutional (medical and technological) commitment to action through collaboration and shared problem solving.
- Developing leaders to serve the community through our commitment to excellence in education, continuous learning, and professional development. Valuing diversity, leadership, open-mindedness and out of the box thinking in our residents and trainees.
- Valuing innovations and discoveries in the field of academics, research, and medical education, as discovery and dissemination of knowledge are the tools to advance children's health.
- Anticipating and responding to forces affecting children and speaking out and advocacy on behalf of children regarding their rights and opportunities.

Department has following members –

Sl. No.	Name of Faculty / SR / JR / Scholar	Designation
1.	Dr. Nowneet Kumar Bhat	Professor & Head
2.	Dr. Swathi Chacham	Additional Professor
3.	Dr. Prashant Kumar Verma	Associate Professor
4.	Dr. Indar Kumar Sharawat	Associate Professor
5.	Dr. Prateek Kumar Panda	Assistant Professor
6.	Dr. Rishi Kumar Bolia	Assistant Professor
7.	Dr. Vinod	Assistant Professor
8.	Dr. Niladri Sekhar Bhunia	Assistant Professor
9.	Dr. Yash Shrivastava	Assistant Professor

### I) Departmental activities:

#### 1. Academic Undergraduate

Total lectures/sessions – 122

- MBBS 2016 – 49 lectures (Didactic + Interactive)
- MBBS 2017 – 61 lectures (Didactic + Interactive)
- Detained Students – 12

Clinical Posting – 3 Hours/Day x 1, 2 or 3 batches. (Bed side initially and later online)

Ongoing assessment through Ward leaving test/OSCE after each posting.

#### Examinations conducted:

- Supplementary MBBS final examinations – 2015 batch
- Preliminary MBBS final examinations – 2016 batch

- c) Final MBBS final examinations – 2016 batch

**Postgraduate**

Total PG academic activities from 01-04-2020 to 31-03-2021

Morning PG teaching session 8:30 - 9:30 AM daily.

- a) Journal Club – 10
- b) Case presentation/ Clinical bedside – 16
- c) Seminar – 128
- d) Grand rounds – 40
- e) Thesis related – 20 (Protocol presentation & Thesis review)
- f) Monthly Statistics meet – 12
- g) Radiology meets – 12

**Examinations conducted:**

- a) Preliminary MD examinations – July 2017 batch
- b) Final MD examinations – July 2017 batch
- c) Preliminary MD examinations – Jan 2018 batch
- d) Final MD examinations – July 2017 batch

**DM & PDCC (Pediatric Gastroenterology)**

Total DM (Pediatric Gastroenterology) academic activities from 01-08-2020 to 31-03-2021

Teaching session once in a week, 11:00 AM - 12:00 PM.

**Total teaching sessions: 19**

- a) Journal Club & Scan – 06
- b) Case presentation – 04
- c) Seminar – 10
- d) Radiology meets – 12 (as part of Pediatric clinic radiology meet)

Monthly assessment (clinical vignettes & OSCE): 06

**Examinations conducted:**

- a) Preliminary PDCC Pediatric Gastroenterology examinations – Jan 2020 Batch
- b) Final PDCC Pediatric Gastroenterology examinations – Jan 2020 Batch

**DM (Pediatric Neurology)**

Total DM academic activities from 01-04-2020 to 31-03-2021

Teaching session once in a week, 11:00 AM - 12:00 PM.

- a) Journal Club & scan – 04
- b) Case presentation – 08
- c) Seminar – 16
- d) Radiology meets – 12 (as part of Pediatric clinic radiology meet)

Monthly assessment (clinical vignettes & OSCE)

**2. OPD Services**

- a) Total patient attendance in OPD – 5285 patients + Screening OPD
- b) Immunisation Clinic – 2615 immunisation sessions.

**3. IPD Services**

- Total admissions in pediatric department – 2830 patients
- a) Admissions in pediatric ward – 2199 patients (Covid + non Covid)
  - b) Admissions in pediatric HDU – 416 patients
  - c) Admissions in pediatric emergency – 215 patients

**4. Diagnostic services:**

- a) Pediatric Diagnostic & Therapeutic endoscopies – 204
- b) Pediatric EEG & Electrophysiological studies (August 2019 onwards) – 150
- c) Pediatric Echocardiography - 483
- d) Formal IQ assessment (November 2019 onwards) - 30
- e) Renal biopsies – 08
- f) Liver biopsies – 20

**5. Major/Minor OT Services**

Endoscopy OT – 2 days / week morning slot & SOS emergencies (~3-6 procedures / day)



**6. Special Clinics: The department runs Thirteen (13) speciality clinics:**

S. No.	Clinic name	Faculty	No. of patients under follow up	Day
1.	Pediatric Cardiology Clinic	Dr. Yash Shrivastava	240	Monday
2.	Neuro development & behavioral clinic	Dr. P K Panda	138	
3.	Pediatric Neuro infection & headache clinic	Dr. Indar K Sharawat	82	
4.	Pediatric Gastroenterology	Dr. N K Bhat/Dr. Rishi Bolia	25	Tuesday
5.	Pediatric Hepatology Clinic	Dr. Rishi Bolia /Dr. N K Bhat	30	
6.	Pediatric Neuro Cognitive clinic	Dr. P K Panda / Dr. Indar K Sharawat	51	
7.	Pediatric Endocrinology clinic	Dr. Kriti Joshi / Dr. P. K Verma	86	
8.	Pediatric Asthma clinic	Dr. Sonam / Dr. PK Verma	30	Wednesday
9.	Pediatric Neurology clinic	Dr. Indar K Sharawat / Dr. P K Panda	226	
10.	Pediatric Nephrology Clinic	Dr. Raksha Ranjan / Dr. Vinod	20	Thursday
11.	Pediatric Diabetes Clinic	Dr. Kriti Joshi	10	
12.	Pediatric Epilepsy clinic	Dr. Indar K Sharawat/ Dr. P K Panda	94	Friday
13.	Pediatric Genetics clinic	Dr. P K Verma	20	

Most of these patients were attended at pediatric screening OPD due to closure of OPD block.

**7. CME/ workshop/ conference/training organized by department**

Pediatric Neuromuscular disease update November 30th to December 6th, 2020).

**8. New initiative of department**

Started DM course in Pediatric Gastroenterology and Pediatric Neurology.

**9. Any other activities/achievement by Department**

- Tele medicine services (Daily during Covid-19 Pandemic).
- Separate COVID -19 pandemic services for pediatric patients at D4-D6 area.
- Mortality meet on 6th January 2021.

**10 Future plans of department**

- Setting up a state of art PICU.
- Separate endoscopy setup for the department.
- Separate Neurology (EEG, Electrophysiology and polysomnography) lab for the department.
- Separate Echocardiography setup for the department.
- Course curriculum and request for

obtaining approval from academic council for commencement of PDCC (Developmental and Behavioural Pediatrics) has been submitted.

- Starting Pediatric Hemato-Oncology services.

**II) Faculty activities****Dr. Nowneet Kumar Bhat  
Professor & Head**

- Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - Resource Faculty (Organising Chairperson): Pediatric Neuromuscular disease update November 30th to December 6th, 2020).
  - Chairperson: Nystagmus unravelled, Guest Lecture, 28th October 2020 organised by CPD.
  - Chairperson: Funding opportunities in R&D, Guest Lecture, 29th October 2020 organised by CPD.

**Dr. Swathi Chacham**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Panelist & Judge for Neurocritical Care: P2P PICU Febinar (Peer-to-Peer PICU Fellow's Webinar) - Journal Club: February 2021

**Dr. Prashant Kumar Verma**  
**Associate Professor**

**1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Faculty (Speaker) on "Inherited cardiac arrhythmia" in Second Atrial fibrillation and ventricular arrhythmia symposium (13 March 2021)

**Dr. Indar Kumar Sharawat**  
**Associate Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Resource person in Pediatric Neuro-muscular disease update November 30th to December 6th, 2020).
- b) 22nd Annual Conference of IAP Intensive Care Chapter from 4th - 7th, December 2020, at e-Pedicriticon 2020 as a Faculty.
- c) Participated as speaker in Practical Pediatric Neurology Webinar series, 22nd Jan- 19th April 2021.

**Dr. Rishi Bolia**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Faculty (Speaker) at 7th Annual conference of the Indian Society of Pediatric Gastroenterology, Hepatology and Nutrition (ISPGHAN) held on 26th - 27th September, 2020.

- b) Faculty (Guest Speaker) eCME: Gastroenterology series 2 of the Indore Academy of Pediatrics held on 14th February, 2021.

**Dr Prateek Kumar Panda**  
**Assistant Professor**

**1.0 Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Resource person in Pediatric Neuro-muscular disease update November 30th to December 6th, 2020).
- b) Speaker for Paediatric EEG online workshop in October 2020, organized by IAP Dehradun

# DEPARTMENT OF PAEDIATRIC SURGERY



## 8.31 PAEDIATRICS SURGERY

### Vision:

The Department of Paediatric Surgery considers the primary vision to be – providing and promoting excellent surgical care to the future of tomorrow, that is, the children of today. We deeply feel that children have years ahead of them to live. To be born with a congenital problem should not limit them and neither should it grieve or inhibit the parents. The treatment to most of the anomalies and diseases in the children is evolving, with evidence, research and the modernization of resources and we believe that this should reach out to all the unfortunate children, giving them hope and a better future. Centre of Excellence in

Paediatric Surgery care is what we aspire and is also the dire need of the people of this remote region. Considering the care in toto of a child to be very essential, we will strive to collaborate with and also learn with the other disciplines, the most effective and prudent treatment of any usual and unusual paediatric case. Excellence in training the younger paediatric surgeons is also another goal and vision of the department.

### Mission statement:

Providing the highest quality paediatric patient care, innovative medical research and excellent training to the junior surgeons

### Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Satya Sree Balija	Professor and Head of Department
2	Dr. Intezar Ahmed	Associate Professor
3	Dr. Rajat Piplani	Associate Professor
4	Dr. Manish Kumar Gupta	Assistant Professor
5	Dr. Enono Yhosu	Assistant Professor

### I) Departmental activities :

#### 1. Academic

Academics is one of the strong pillars of medical education and training. In our Department, regular academic activities are being undertaken. With the global pandemic era continuing, new modes have been devised. Big gathering was not possible for e.g. classes of undergraduate. So, online interactive classes were done using either google meet, team or zoom platforms. Social media groups were also considered for doubts and clarifications. Regular updates with presentations were added on the digital libraries for the references of the students. We have presently 3 years and 6 years super speciality courses running in the Department with 5 junior residents and one senior resident. All residents were trained with regular seminars, journal readings, case presentations and bed side clinical teaching regularly. Also, faculties and residents have taken part in webinars and meets both national as well as international.

#### 2. OPD Services

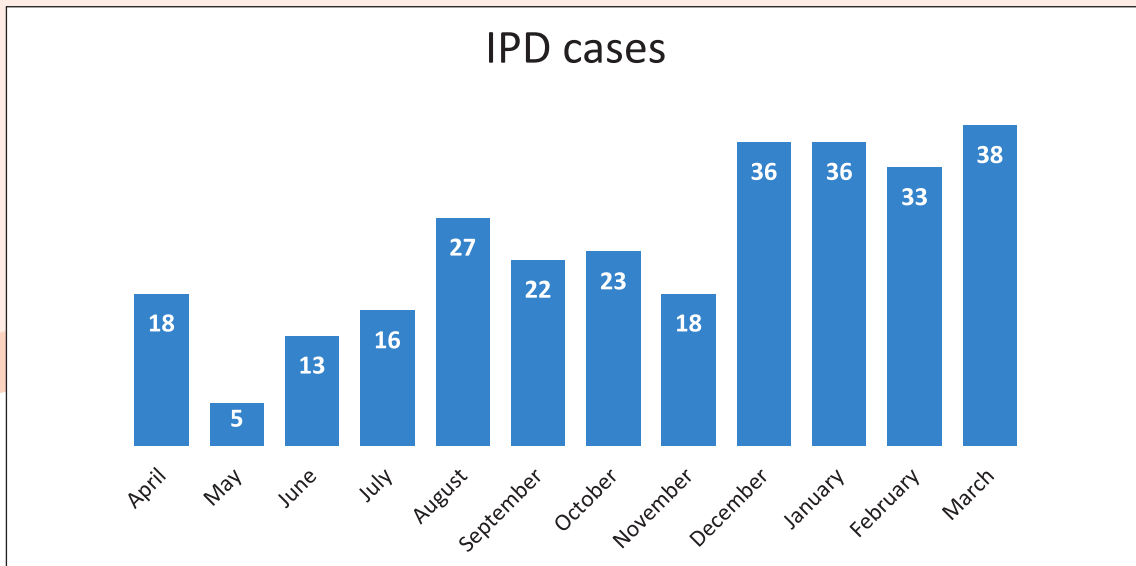
Due to the prevailing pandemic situations and lockdowns throughout the nation, the OPD services had been limited. Screening OPDs were run in place of regular OPDs

were emergency, semi emergencies or oncology and few specific cases were considered, managed and admitted if required as per the timely updated and revised Institutional policies and instructions. However, the Department was covering as much ground as possible using telemedicine and teleconsultations. “e-sanjeevani” was one of the important online telemedicine portal which was used. Department specific teleconsultation numbers were provided on the Institutional website. Regular follow up and well-being of our old and chronic patients were done using the medical records available with us using phone and video calls if required.

#### 3. IPD Services

The IPD services also got a brunt of Corona pandemic. There was a drastic decrease in the number of cases mostly due to restricted movement in lockdown. Also, the people were apprehensive for hospital admission and stay. The numbers of allocated beds in the Department were reduced for management of pandemic patient care. Mostly our admissions were limited to emergencies, semi-emergencies and oncology related patients. There was a drastic decrease in the neonatal cases noticed during the period of lockdown.

There were a total of 285 cases admitted during the period with the distribution as follows:



The number of operative cases were also showing decreased number during the period in the same proportions. But, there was increase in the proportion of emergency surgeries due to hospital policies. There were 184 cases conducted during the specified period out of which 109 were taken as elective or semi-elective and 75 cases were done as emergency.

#### **4. Health awareness / educational activities organized by department**

In the COVID time, the accessibility to hospitals was difficult. So, the patient education and awareness becomes utmost important especially in chronic patients on long term follow ups. Here, also comes the role of tele medicine and tele consultations. Patients on long term follow ups were called through the phone number provided in the medical records and were told about their diseases as well as how to do follow ups. New students and interns were given training of tele consultation methods in the same regards. No separate health awareness/ educational activities was organised by the Department.

#### **5. CME/ workshop/ conference/training organized by department**

No CME/ workshops/ conferences/ training programmes were organised during the specified period due to limited staff availability in the Department as well as rotational duties in the Covid areas.

#### **6. New initiative of department**

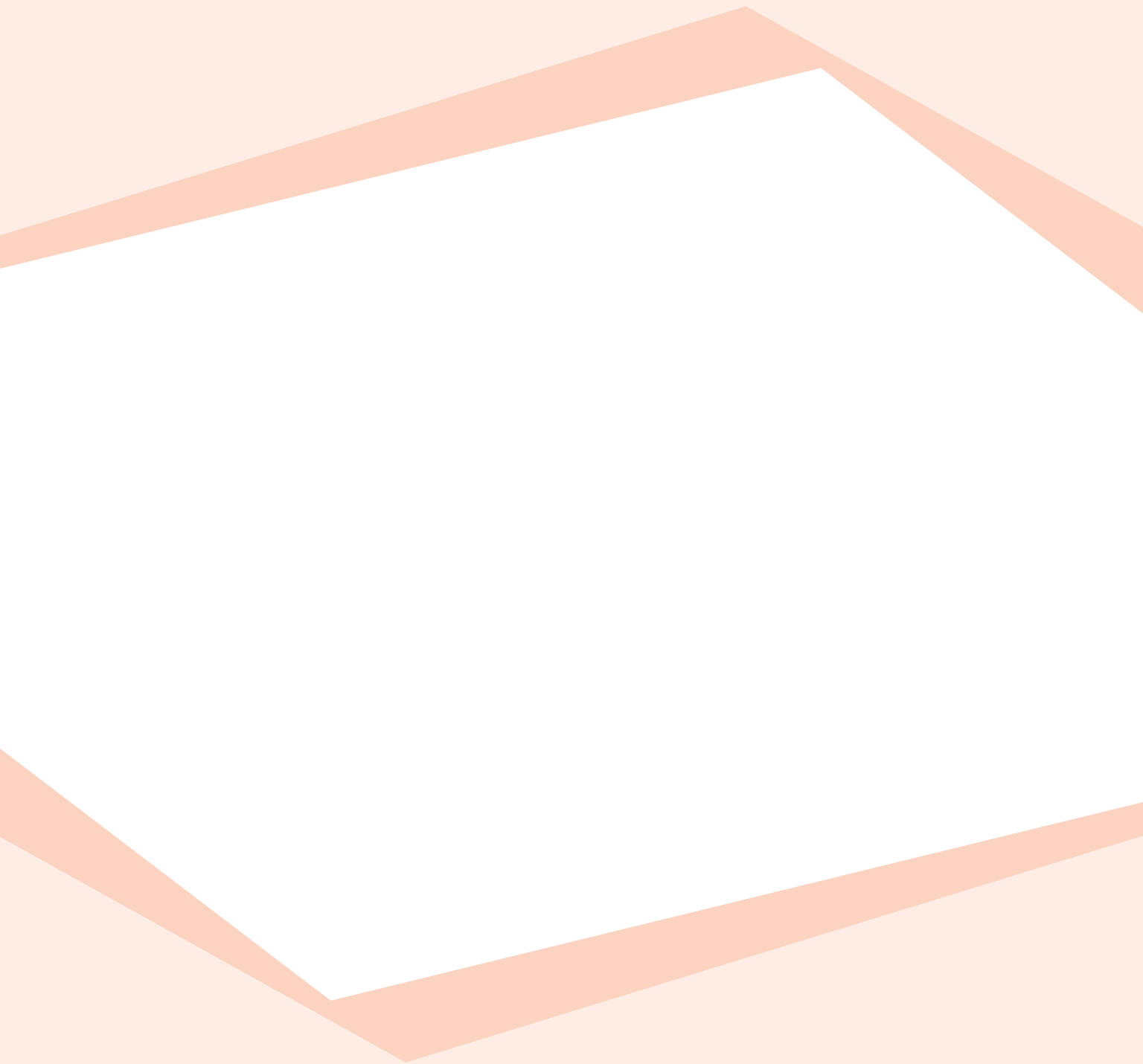
The new initiative taken by the Department is to promote and develop telemedicine. In the era of pandemic, it was thought to decongest the tertiary care centres and hospitals and at the same time not ignore the follow ups of the patients. Department has been into making policies for the patient discharged. Based on the illness and follow up protocols, they were invited to teleconsultation and telemedicine and necessary advice was provided. Only those patient, who cannot be followed up or managed by telemedicine are called to the Hospital.

#### **7. Future plan**

As mentioned earlier, it is necessary to decongest the hospital. So, development of an application or system for addressing the need of the patients as well as a proper follow up of the patients is required and the department along with other department is trying to make the same in collaboration with other clinical departments.

The Department is also planning to increase the services of healthcare to remote areas by collaborating with outreach centres.

The Department is planning for research projects in urodynamics, constipations in children, urinary markers in pelvi-ureteric junction obstruction, markers in severity of appendicitis, follow ups in empyema thoracis stage III after decortication and multiple meta-analysis.



# DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE



Renal IF Lab



Muscle Biopsy Lab



Clinical Pathology lab



Histopathology Lab



Hematology Laboratory



OSCE based Practical Examination

## 8.32 PATHOLOGY & LABORATORY MEDICINE

The Department of Pathology and Laboratory Medicine Department, AIIMS Rishikesh has been set up with the vision to develop a world class diagnostic, academic and research facility catering to the population of Uttarakhand and neighbouring states. The Mission of the Department is as follows:

- To excel in sub-specialties of Histo-pathology, Cytopathology, Hemato-pathology and Clinical Pathology for quality patient care.

- To be able to offer expert consultation for Hematopathology, Cytopathology, Histo-pathology and molecular diagnostics.
- To teach medical students the basic understanding of disease and relate its importance with clinical findings through an integrated approach.
- To create an environment for encouraging research activities for medical students, residents and faculty.

Department has following faculty members -

Sl.No.	Name of Faculty	Designation
1	Dr. Sanjeev Kishore	Professor & Head
2	Dr. Shalinee Rao	Professor
3	Dr. Harish Chandra	Additional Professor
4	Dr. Nilotpai Chowdhury	Additional Professor
5	Dr. Neha Singh	Additional Professor
6	Dr. Arvind Kumar Gupta	Associate Professor
7	Dr. Prashant Durgapal	Associate Professor
8	Dr. Arvind Kumar	Assistant Professor
9	Dr. Prashant Pranesh Joshi	Assistant Professor
10	Dr. Ashok Singh	Assistant Professor
11.	Dr. Pakesh Baishya	Assistant Professor
12.	Dr. Priyavadhana B	Assistant Professor
13.	Dr. Ravi Hari Phulware	Assistant Professor

### I) Departmental activities:

#### 1. Academic

- Interpretation of Muscle Biopsy: Inter-departmental teaching session for DM Neurology students
- Organised "Statistics for Pathologists: National Symposium/Workshop" on Jan 16-17, 2021, in collaboration with "Online Teaching Program for Post Graduates in Pathology" co-ordinated by Dr. Sumeet Gujral (Professor, TMH, Mumbai) & Dr. Anita Borges (Consultant Pathologist, Centre for Oncopathology, Mumbai, Supported by Tata Trusts)

#### Undergraduate

The undergraduate teaching comprised of lectures, seminars, small group teaching, tutorials, demonstration and regular practical sessions. The department is also involved in regular horizontal and vertical integration for common diseases. Recently the Department has started

regular teaching in the form of interactive sessions where the students primarily present and the sessions are moderated by a faculty member.

The assessment pattern of the Department is totally objective and comprises of 360-degree evaluation of students by assessment tolls like Multiple choice questions (MCQ) in theory and Objective structured Practical Examination (OSPE) in practical.

BSc Nursing-Nursing pathology lectures (online and Offline) were taken along with MCQ based evaluation and faculty and residents were involved in the teaching.

BSc MLT Course-New course was started and students were being rotated in pathology lab as part of orientation and training.

BSc Optometry- Lectures (online and Offline) were taken along with MCQ based evaluation and faculty and residents were involved in the teaching.



Externship of BSc BMLT students-Externship students from various Paramedical colleges joined externship programme and were being rotated in all sections of pathology lab for a given time frame.

**Postgraduate**

The postgraduate residents are trained by active learning through time participation in pre-analytical, analytical and post-analytical phase of Pathology reporting. There are over 14,000 histopathology cases, over 12,000 cytopathology cases and over 1500 special hematology tests and over 2 lakhs hematology and clinical pathology samples in which the post graduates participate actively in processing and reporting.

Besides this, the department conducts formal teaching through seminars, slide discussion, gross seminars, technique discussion and journal clubs.

**Diagnostic services**

The Department has full-fledged Histo-pathology, Cytopathology, Hematology and Clinical Pathology laboratories. These laboratories are equipped with latest state of art equipments to cater to the needs of the patients and to be able to provide a comprehensive diagnosis. A wide range of diagnostic tests are being done in these laboratories on a regular basis, with a minimum possible turnaround time.

The statistics for the year 01st April 2020 to 31st March 2021 are as follows:

**DEPARTMENT OF PATHOLOGY AND LAB MEDICINE**

**STATISTICS OF LABORATORY INVESTIGATIONS FROM 1st APRIL 2019 TO 31st MARCH 2020**

Month	HAEMATOLOGY			CYTOLOGY				HISTOPATHOLOGY							
	Haematology	Clinical Pathology	BMA	Pap Smear	FNAC / Fluid	Out Side Slide For Review	Special Stain	Surgical	Genito-Urinary	Lympho-Reticular	Out Side Slide For Review	Frozen Cases	IHC	Special Stain	Post-Mortem Cases
Apr-20	38968	875	19	6	186	0	2	124	74	21	5	0	780	58	0
May-20	15120	240	14	0	77	2	7	43	16	10	9	0	450	30	0
Jun-20	12559	317	40	6	166	0	0	147	70	30	31	0	521	39	0
Jul-20	21412	671	35	13	249	8	0	237	106	47	47	1	1223	83	0
Aug-20	22664	764	28	6	232	14	17	244	117	43	46	2	1002	74	0
Sep-20	22612	732	33	0	235	8	9	225	118	39	46	3	1116	144	0
Oct-20	18841	689	30	6	277	6	12	287	154	36	59	9	1122	117	4
Nov-20	29137	940	37	39	297	15	29	321	171	42	55	10	1112	190	2
Dec-20	38083	856	44	54	311	8	10	434	188	47	76	19	1775	162	2
Jan-21	29545	1057	46	78	368	15	19	498	206	44	76	18	1749	163	0
Feb-21	28088	1361	65	122	387	8	33	597	255	70	69	17	1505	246	2
Mar-21	4152	1740	82	241	465	11	30	691	289	103	51	28	1845	226	9
Total	278181	10242	473	571	3250	95	168	3848	1764	532	570	107	14200	1532	19

## 2. CME / workshop / conference / training organized by department

Organised "Statistics for Pathologists: National Symposium/Workshop" on Jan 16-17, 2021, in collaboration with "Online Teaching Program for Post Graduates in Pathology" co-ordinated by Dr. Sumeet Gujral (Professor, TMH, Mumbai) & Dr. Anita Borges (Consultant Pathologist, Centre for Oncopathology, Mumbai, Supported by Tata Trusts)

## 3. New initiative of department

- a) **Hematology Division:** DM Hematopathology course started, first DM candidate join the department.
- b) **Rapid On-Site Evaluation of Bone Tumour biopsies:** Being evaluated as part of an on-going thesis for feasibility in routine implementation

## 4. Future plans of department

**Histopathology:** To establish a comprehensive renal; pathology reporting facility that incorporates Immunofluorescence findings and electron microscopy. To set up of facilities for routine Muscle and Nerve biopsy reporting along with specialised histochemistry. To start FISH and Next generation sequencing (NGS) for diagnostic and research purposes.

**Cytopathology:** To start testing for circulating tumor cells. To start molecular diagnosis on cytopathology specimens

**Hematopathology:** To start an Advanced Coagulation and thrombophilia testing laboratory, FISH/ PCR for hematological malignancies and Flow cytometry based testing for Primary Immunodeficiency. To start facility for Stem cell enumeration for transplantation and MRD analysis by 10-colour flow cytometry.

**Academics and teaching:** To initiate PDCC courses in Dermatopathology, Gastrointestinal, Hepatopathology, Genitourinary pathology, Cytopathology, Breast and gynaecological Pathology, Soft tissue and Bone Pathology and Hematopathology.

## II) Faculty activities:

### Dr Sanjeev Kishore Professor and Head

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Attended "Accelerating Cervical Elimination in Uttarakhand : AIIMS Rishikesh Initiative" on 17.11.2020
- b) Attended webinar "Gall Bladder Cancer: Etiology to Treatment" on 13.02.2021
- c) Attended Webinaar on Recent advances in Colorectal cancer treatment and Diagnosis 26 march 2021.

### Dr Shaline Rao Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Chairperson in International webinar on COVID-19: Opportunity to reform assessment held on 21 July 2020 organized by Department of Physiology, AIIMS Rishikesh.
- b) Resource faculty in Internship orientation Coordinator and faculty 1 February to 9 February 2021 at AIIMS Rishikesh.
- c) Resource faculty in Skill Enhancement on Effective digital presentation 10 August 2020 at AIIMS Rishikesh.
- d) Resource faculty in Online training workshop on Objective assessment: Clinical vignette/Multiple Choice questions held on 25 September 2020 at AIIMS Rishikesh.

#### 2. Awards & honours received

- a) Teacher's Day Award on 5 September 2020 by AIIMS Rishikesh
- b) Plaque given for outstanding public service during period of COVID-19 pandemic and period of lock down by AIIMS Rishikesh on 28 March 2021.

**Dr Nilotpal Chowdhury**  
Additional Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Course designer and speaker in:  
Online Workshop On Statistics For Pathologists: Jan 16-17, 2021, Online Teaching Program for Post Graduates in Pathology, Center for Oncopathology, Wadala House, Mumbai

**Dr Prashant Durgapal**  
Associate Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) As eminent panellists in panel discussion "Accelerating Cervical Elimination in Uttarakhand : AIIMS Rishikesh Initiative" on 17.11.2020
  - b) As a speaker in webinar "Gall Bladder Cancer: Etiology to Treatment" on 13.02.2021

**Dr Prashant Pranesh Joshi**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Moderator for several lectures and slide seminars in "Online Teaching Program for Post Graduates in Pathology" co-ordinated by Dr. Sumeet Gujral (Professor, TMH, Mumbai) & Dr. Anita Borges (Consultant Pathologist, Centre for Oncopathology, Mumbai, Supported byTata Trusts)
  - b) Organised "Statistics for Pathologists: National Symposium/Workshop" on Jan 16-17, 2021, in collaboration with "Online Teaching Program for Post Graduates in Pathology" co-ordinated by Dr. Sumeet Gujral (Professor, TMH, Mumbai) & Dr. Anita Borges (Consultant Pathologist, Centre for Oncopathology, Mumbai, Supported byTata Trusts)

**2. Awards & honours received**

Utkrusht Seva award from AIIMS Rishikesh for service in COVID19 pandemic.

**Dr Ashok Singh**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**  
Participated as Guest lecturer in Webinaar on Recent advances in Colorectal cancer treatment and Diagnosis 26 march 2021.

**Dr Pakesh Baish**  
Assistant Professor

1. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Participated in Glomerular disease study & trail consortium conference online.
  - b) USCAP CME/SAM certification for various updates in pathology online.

**Dr Priyavadhana B**  
Assistant Professor

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Selected for the "83rd National Course on Educational Science for Teachers of Health Professionals" held Online in the forenoons from 05.10.2020 to 16.10.2020 in the Department of Medical Education, JIPMER.
  - b) Judge for e-Posters in Hematocon Virtual 2020, 61st Annual Conference of the Indian Society of Haematology and Blood Transfusion held on a VIRTUAL platform from 20th - 22nd November, 2020.
2. **Awards & honours received**  
Travel grant (complimentary registration for the virtual Congress) e-poster presentation during the Virtual 25th Congress of the European Hematology Association held from June 11 to October 15,2020.

**Dr Ravi Hari Phulware**  
**Assistant Professor**

- 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
    - a) Participated in online teaching programme for post graduates of pathology by Tata memorial hospital (TMH), Mumbai
    - b) Participated in AIIMS, New Delhi monthly CME “Under my scope- AIIMS Pathology webinar series
  
  - 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer/ resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
    - a) Participated in “WILEY” online CME on “Ethical issues in peer review”
    - b) Participated in “WILEY” online CME on “The value of Cochrane Library”
-

# DEPARTMENT OF PHARMACOLOGY



## 8.33 PHARMACOLOGY

### Vision statement:

Department of Pharmacology envisions to be a centre of excellence and a leader in medical education, innovative research, evidence based clinical care and policy making related to medicines use in India

### Mission statement:

- To combining high quality teaching with internationally recognized research.
- To provide a platform for teaching, research and training to produce the best of medical manpower for the country
- To develop a dynamic interface with pre-clinical, para-clinical and clinical medical disciplines teaching pharmacology in an integrated curriculum.

- To participate in patient care through implementation of laboratory, clinical and regulatory services.
  - To recognise the research gaps of public health importance in the field of pharmacology and address them through a sound scientific process.
  - To identify and nurture quality human resources in pharmacology
  - To inculcate a process of rational thinking and scientific temper in an individual so that he/she shall be competent, as a physician, to prescribe drugs to patients effectively and safely.
- To train the budding doctors to be life-long learners of rational therapeutics by promoting self-directed learning.

### Department has following faculty and members –

Sl.No.	Name of Faculty	Designation
1	Prof. Shailendra Handu	Professor & Head
2	Dr. Biswadeep Das	Additional Professor
3	Dr. Puneet Dhamija	Additional Professor
4	Dr. Manisha Bisht	Additional Professor
5	Dr. Gaurav Chikara	Assistant Professor
6	Dr. Shazia Hasan	Assistant Professor
7	Dr. Bhawna Saini	Senior Resident (Non-Academic)
8	Dr. Vinod Kumar	Senior Resident (Non-Academic)
9	Dr. Arkapal Bandyopadhyay	Senior Resident (Academic)
10	Dr. Vikas Kumar	Senior Resident (Academic)
11	Dr. Khushboo Bisht	Senior Resident (Academic)
12	Dr. Subhash Samanta	Junior Resident (Academic)
13	Dr. M.Kanimozhi	Junior Resident (Academic)
14	Dr. Manjunath Bidarolli	Junior Resident (Academic)
15	Mr. Rohitash Yadav	Phd Scholar
16	Mr. Gyan Vardhan	Phd Scholar
17	Mr. Jagjit Singh	Phd Scholar
18	Ms. Surbhi Thapliyal	Phd Scholar
19	Ms. Shalini Khichi	Phd Scholar
20	Ms. Sikha Morang	Phd Scholar
21	Mr. Ramesh Kumar	Phd Scholar

### I) Departmental activities :

#### 1. Academic Undergraduate

- The department is presently imparting training to the 2nd Prof MBBS students.
- Total theory and tutorial : 130 Hrs during the period
- Total Practical and Demonstration Classes : 110 Hrs

- The department is also imparting training to the 2nd year B.Sc. Nursing students of the college of Nursing. There are two theory classes per week by faculty and Senior Residents of the Department (Total=60 Hrs)
- The Department uses problem based exercises, therapeutic problems, software and audio-visual aids, computer simulation software (CAL) for teaching purposes

and imparts rational prescribing skills to the students.

- f) In addition to the regular class tests, tutorials, integrated teaching on theory topics and practical were conducted for MBBS students and also for B.Sc. Nursing students.
- g) The department also caters to the BSc Allied Health courses of the institute

### Postgraduate

- a) Students of MD and MSc Program in Pharmacology are undergoing intensive training with a modular curriculum, monthly assessment and laboratory skills training.
- b) Students in DM Program in Clinical Pharmacology are undergoing intensive training with a modular curriculum, monthly assessment and laboratory skills training
- c) Thesis work involving collaborative research is being actively pursued by the postgraduates

### 2. OPD Services

ADR Monitoring in OPDs

### 3. IPD Services

- a) ADR Monitoring Centre, Department of Pharmacology, AIIMS, Rishikesh
- b) The department is engaged in "Pharmacovigilance" activities and it is encouraging spontaneous Adverse Drug Reaction (ADR) reporting system in AIIMS, Rishikesh to foster both medication and patient safety leading to better health outcomes. The centre also provides training to post graduate students in the field of Pharmacovigilance as a part of dissertation thesis.

### 4. New initiative of department

- a) Initiated new academic programs – DM (Clinical Pharmacology), MD (Pharmacology), PhD and MSc (Medical Pharmacology)
- b) Designed a curriculum for DM, MD and MSc programs to impart an intensive and competency based training to the post-graduates
- c) Have initiated the development of the infrastructure and laboratory facilities.
- d) Development of Laboratory Animal Facility (Animal House) at AIIMS, Rishikesh

- e) Introduced Problem based learning and OSPE based assessment in MBBS training program
- f) Initiated the DM in Clinical Pharmacology program
- g) Refining the method for estimation of antiepileptic drugs for TDM services
- h) Problem based teaching –learning, small group sessions & other students-cantered teaching –learning activities

### 5. Future plan

- a) Launching the TDM services for the hospital
- b) Competency based learning and assessment for MBBS, MD and DM program
- c) Establishing a Clinical Pharmacology Unit/ Skills laboratory
- d) Development of a modern IVC based Laboratory Animal Facility

### II) Faculty activities :

#### Dr Biswadeep Das

#### Additional Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Attended the Short Course On Principles of Biostatistics Using R organized by department of biostatistics & clinical epidemiology, Christian Medical College, Bagayam, Vellore-632 002, Tamil Nadu, India on April 1-3, 2020.
- b) Attended the Computer Aided Drug Design Against Covid-19 FDP organized by Department of Biotechnology, National Institute of Technology(NIT) Raipur-492 010, Chattisgarh, India on August 24-28, 2020.
- c) Attended the Advanced Online Workshop On Protein Structure Prediction and Molecular Docking FDP organized by Chemistry laboratory, Department of Applied Sciences, Indian Institute of Information Technology(IIT) Allahabad, Prayagraj, UP, India on August 28-29, 2020.
- d) Attended the Data Science with Statistical Methods Using R Programming: Contribution and Developments FDP organized by Department of Mathematics,

National Institute of Technology(NIT) Raipur-492 010, Chattisgarh, India on September 21-25, 2020.

- e) Attended the computational biology & algorithms FDP organized by Department of Basic & Applied Sciences, National Institute of Technology(NIT) Arunachal Pradesh-791 112, India on September 21-25, 2020.
- f) Delivered a lecture on 'Health Economics-An Overview' as faculty resource person organized by Medical Education Unit(Meu) of Veer Chandra Singh Garhwali Government Institute of Medical Science & Research, Srikot, Srinagar, Pauri Garhwal, Uttarakhand-249 122, India on February 27,2021.
- g) Delivered a lecture on 'Bloom's Taxonomy of Educational Objectives & its Applications in Medical Education' as faculty resource person organized by Medical Education Unit(MEU) Of Veer Chandra Singh Garhwali Government Institute of Medical Science & Research, Srikot, Srinagar, Pauri Garhwal, Uttarakhand - 249 122, India on March 30, 2021.

## 2. Awards & honours received

- a) International Advisory Board Member Of The International Journal 'Cancer Treatment And Research Communications (Elsevier)' (Medline Listed)
- b) International Advisory Board Member (Medical Statistics) Of The International Journal 'Cancer Reports(Wiley)'(Medline Listed)

**Dr Manisha Bisht**  
**Additional Professor**

### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Resource person - Sharing experience on implementation of CBME curriculum in AIIMS Rishikesh- national online learning series for competency based medical education in pharmacology. Organized by National MD pharmacology. Webinar -1 Introduction of CBME in Pharmacology Teaching and training. 14 -08-2020

**Dr. Gaurav Chikara**  
**Assistant Professor**

### 1. Participated in NationalCME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Participated as speaker in "Virtual Symposium on Holistic and Molecular approaches of Covid -19" organised by the Department of Biochemistry, AIIMS, Rishikesh on 12 December 2020.



# DEPARTMENT OF PHYSIOLOGY



## 8.34 PHYSIOLOGY

**Vision:** Leadership in education, research and diagnostic services in basic, clinical and applied physiology.

**Mission statement:** To develop expertise and innovation using the principles of Physiology to lead medical education, translational research and establish clinical diagnostic services to support regional healthcare needs.

**Department has following faculty members –**

Sl.No.	Name of Faculty	Designation
1	Dr Latika Mohan	Professor & Head
2	Dr Prashant M. Patil	Professor
3	Dr Sunita Mittal	Additional Professor
4	Dr Yogesh Singh	Additional Professor
5	Dr Arun Goel	Additional Professor
6	Dr. Poorvi Kulshreshtha	Associate Professor
7	Dr Jayanti Pant	Assistant Professor
8	Dr Ashwini A. Mahadule	Assistant Professor

### I) Departmental activities:

#### 1. Academic

##### Undergraduate

- Online Lectures and flip classes (via google meet platform)
- Online Practical classes of clinical physiology and haematology labs (via google meet platform)
- Online Demonstration of EEG, NCV, EMG, AFT, Audiometry. (via google meet platform)
- Online Monthly assessments (via google forms)

##### Postgraduate

- Online Seminars (via google meet platform)
- Online Journal Club (via google meet platform)
- Online Dissertation/thesis discussion (via google meet platform)
- Postgraduate practical (as per appropriate Covid behaviour guidelines)
- Hands on training in EEG, NCV, EMG, AFT, ABPM, VEP, cognitive tests, IONM (as per appropriate Covid behaviour guidelines)
- Weekly teaching meeting, microteaching for junior residents (as per appropriate Covid behaviour guidelines)
- Small Group discussions (as per appropriate Covid behaviour guidelines)
- Visits to various clinical departments and

labs for training (as per appropriate Covid behaviour guidelines)

#### 2. Diagnostic services

- Clinical EEG (Electroencephalography)
- NCV (Nerve conduction studies)
- EMG (Electromyography)
- VEP (Visual Evoked Potentials)
- P300
- Pulmonary function tests (PFT)
- Autonomic function testing (AFT)
- IONMS
- ABP Monitoring

#### 3. Health awareness/ educational activities organized by department

Scientific Model Making Undergraduate students was postponed due to Lock down during Pandemic Covid 19.

#### 4. CME / workshop / conference / training organized by department

International Webinar on Covid 19: An opportunity to reform assessment on 21st July 2020 held at AIIMS Rishikesh.

#### 5. New initiative of department

- MSc Medical Physiology Course started by Department of Physiology AIIMS Rishikesh.
- BMLT Neuromonitoring course has been started by Joint collaboration of the Department of Physiology and Department of Neurology AIIMS Rishikesh

## 6. Other activities / achievement by Department

### Diagnostic investigations:

- a) Electroencephalography Lab (EEG) - 194
- b) Nerve conduction velocity (NCV) - 105
- c) Electromyography Lab (EMG) - 20
- d) Autonomic function lab - 97
- e) Ambulatory BP monitoring - 3
- f) Intraoperative neurophysiological monitoring (IONM)
- g) Visual evoked potential (VEP) – 33
- h) P300 - 10
- i) Central sleep lab in collaboration with Psychiatry

### Collaborations with other departments: Inter-institutional

- a) IISC Bangalore and NDRF Bangalore for development of rat cyborgs.
- b) AIIMS Bhubaneswar for Quantitative EEG analysis
- c) IISC Bangalore for developing AI for designing artificial neuronal network for seizure detection

### Intra-institutional

- a) Department of Medicine
- b) Department of Psychiatry
- c) Department of Pulmonary Medicine
- d) Department of OBGY
- e) Department of Ophthalmology
- f) Department of CFM
- g) Department of Burns and Plastic
- h) Department Biochemistry
- i) Department of Neurology

## 7. Future plan

Following Labs in the various disciplines are envisioned: -

- a) Animal experimental laboratory
- b) Exercise Physiology Laboratory

Proposal have been sent for the following to respective committees to develop:

- a) Centre for excellence for lifestyle modification (Nutrition, Yoga and Body composition analysis)
- b) High altitude medical emergency and research centre (MOU signed with regional high altitude centres)

- c) Controlled environment habitat

The above projects will be carried out in coordination with other disciplines of this institute as well as in collaboration with other premier institutes of India and abroad. We also intend to incorporate the benefit of allied and alternative disciplines of medicine like Ayurveda, Homeopathy, Yoga, meditation on the basis of scientific research.

## II) Faculty activities:

### Dr Latika Mohan Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Resource faculty –As a part of Hospital Infection Control Committee held training and workshop for HCWs and made educational videos for Safayi karmchari and Security guards in local language.
- b) Resource Faculty – Certificate course High Altitude Medicine in collaboration with Swami Vivekananda health mission society.

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Chairperson of International Webinar on Covid 19: An opportunity to reform assessment on 21st July 2020 held at AIIMS Rishikesh.
- b) Organized sessions on High Altitude Medicine in Vaibhav Summit.
- c) Delegate in Hippocratics Webinar Series on Medical education: Teaching and assessment of clinical skills: challenges and opportunities in COVID-19 on 27th June 2020 organized by Global health academy, University of Edinburgh

#### 3. Awards & honours received

- a) Received “Best Teacher Award” on Teacher’s Day Award program held on 5th Sept 2020 at AIIMS Rishikesh.

- b) Significant Achievements/ Honours
- Judge for various awards in APPICON 2020
  - Member of High Altitude medicine certificate course classes and planning
  - External member of School board of School of Health sciences, IGNOU
  - Examiner to AIIMS Delhi, MBBS, PhD, JIPMER PhD, BHU PhD, DRDO PhD, Baba Farid university PhD, CMC Ludhiana MBBS
  - Member of committee for Faculty selection for Medical Colleges in Punjab

**Dr Prashant M Patil**  
**Professor**

**1. Awards & honours received**

Received “Best Teacher Award” on Teacher’s Day Award program held on 5th Sept 2020 at AIIMS Rishikesh.

**Dr Sunita Mittal**  
**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Invitation of chairperson for Virtual symposium on Holistic-Molecular Approaches of COVID-19, 12th December 2020 -organized by the department of Biochemistry, AIIMS Rishikesh, Uttarakhand on 12th December 2020.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest Speaker in DOS 2020 International Hybrid Conference – ‘Practical Application of Autonomic Nervous System Modulation in Control of IOP’ 18th Dec 2020.
- b) Chairperson for virtual symposium on “Cardiabetes in Elderly” by Cardio-Diabetic Society - In association with American College of Physicians (ACP), 27th March 2021 - organised by Department of Medicine, AIIMS Rishikesh

**3. Awards & honours received**

- a) Vice President APPI UP/UK chapter
- b) Chairperson, Research Monitoring Committee (\*AIIMS RISHI / RC / 164 / 8th Jan. 2020).
- c) Invited External Member of Board of Studies in subject of Physiology. AIIMS Gorakhpur (AIIMS / GKP / Exe. Dir./ 2020/ 202, Dated-31/08/2020).
- d) Member (co-opted) Interview board for selection of Master of Public Health on 06.01.2021.
- e) Associate Editor-JCDM

**Dr Arun Goel**  
**Additional Professor**

**1. Awards & honours received**

- a) Exemplary performance by AIIMS Rishikesh in “ Utkrushth Seva Samman Samaroh” held on 29th January 2021, organized by Uttarakhand State Government.
- b) Received “Best Teacher Award” on Teacher’s Day Award program held on 5th Sept 2020 at AIIMS Rishikesh.

**Dr Poorvi Kulshreshtha**  
**Associate Professor physiology**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson / panellist / Quiz Master)**

- a) Represented Institute in a National Webinar by NHA, Govt of India June 30, 2020: “Good, Replicable Practices and Innovations in AB PM-JAY (Health Insurance) in India”
- b) “Basic Aspects of Autonomic function testing”, in a National Webinar titled “Basic and clinical aspects of autonomic function studies”, organised by AIIMS Deoghar 27th February 2021

**Dr Jayanti Pant**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Attended online workshop on “All you need to know for publication success and navigating journal workflow” organized by Wolters Kluwer, AIIMS Rishikesh and Editage on the 21st of August, 2020
- b) Attended online workshop on “Clinical Photography, Videography and Editing” organized by AIIMS, Rishikesh on 29-30 July 2020

## 2. Awards & honours received

Received “Best Teacher Award 2020” on 5th September 2020 by Director, AIIMS, Rishikesh

### **Dr Ashwini A Mahadule** **Assistant Professor**

#### **1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Invited Speaker in International Webinar organized by University of Edinburgh 31st Oct. 2020 on "Experience of Delivering Assessment in the COVID-19 Era, Alternatives to traditional assessments and frugal innovation."
- b) Organizing secretary of International Webinar on Covid 19: An opportunity to reform assessment on 21st July 2020 held at AIIMS Rishikesh.

# DEPARTMENT OF PSYCHIATRY

## निद्रा रोग : मात्र नींद की गोली काफी नहीं

...संवेदनशील ...  
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## पहाड़ पर रहने वाले लोगों में बढ़ा निद्रा रोग

सहारा न्यूज़ ब्यूरो

एक्स में विश्व निद्रा दिवस 19 मार्च को विभिन्न कार्यक्रमों का आयोजन



अखिल भारतीय अनुसंधान संस्थान एक्स के निद्रा रोग प्रभाग के अनुसार लोगों में निद्रा रोग की समस्याएं बढ़ रही हैं। चिकित्सकों के अनुसार इन रोगों से प्रभावित मरीज यदि समय पर उपचार शुरू नहीं करते तो उसके स्वास्थ्य पर इसका दुष्प्रभाव पड़ता है। समय के साथ व्यक्ति अन्य इसी बीमारियों की निरास में आ जाता है। संस्थान में एक्स निद्रा रोग प्रभाग के अध्यक्ष डॉ. राजेश कुमार के अनुसार निद्रा रोग 19 मार्च अंतर्राष्ट्रीय निद्रा दिवस के पर विभिन्न कार्यक्रमों का आयोजन किया जाएगा। इसमें मरीजों व उनके तीमारदारों को निद्रा रोग के दुष्प्रभावों के अर्थपूर्ण विचार...

गुणवत्ता व आराम की नींद दिनभर की गुणवत्ता व भागदौड़ भरे जीवन के लिए आवश्यक है। नींद की गुणवत्ता का सर्वप्रथम बड़ा बच्चा ही होता है और स्वास्थ्य को अधिक प्रभावित करता है। और स्वास्थ्य को अधिक प्रभावित और व्यक्तिगत जीवन का कारण बनती है। यह एक गंभीर स्वास्थ्य समस्या है। हल में स्वास्थ्य के साथ से यह देखा गया है कि पहाड़ (समुद्र तल से 2000 मीटर की ऊंचाई) पर रहने वाले लोगों की नींद की गुणवत्ता सामान्य ऊंचाई पर रहने वाले लोगों के अपेक्षा कम है। पहाड़ों पर रहने वाले लोगों की नींद की गुणवत्ता खराब होने के कई कारण हैं। जैसे रक्त में अम्लीयता को कम करने के कारण श्वास...



## 8.35 PSYCHAITRY

### Vision

We aspire to benefit humankind by providing healthcare services using contemporary scientific principles, empowering students by imparting most recent knowledge and exploring new avenues for improving health by investing in research

### Mission

Our mission is to provide the best available healthcare services using principles of evidence based medicine to reduce burden of disease and to improve patients' quality of life and functioning. At the same time, we are also

working towards developing sub-specialties in Psychiatry to deliver tertiary care services to the patients who need advanced care and services. We are working towards equipping our students with most recent knowledge and helping them to develop critical and analytical skills so that they can prove themselves beneficial to the humankind and take leadership role in future. We are also investing heavily in research in contemporary areas of the subjects and developing collaboration with other departments and agencies to explore and expand our understanding related to various facets of psychiatric disorders

### Department has following faculty members –

Sr.No.	Name of Faculty	Designation
1	Dr. Ravi Gupta	Additional Professor
2	Dr. Anindya Das	Associate Professor
3	Dr. Vishal Dhiman	Associate Professor
4	Dr. Vikram Singh Rawat	Associate Professor
5	Dr. Vijay Krishnan	Assistant Professor
6	Dr. Jitendra Rohilla	Assistant Professor

### 1) Departmental activities:

#### a) Academic

Following activities were performed:

#### UG Teaching

- Theory
- Clinics

#### PG Teaching

- Case conferences
- Journal Clubs
- Grand rounds
- Seminars
- BSc (Sleep Technology)
- BSc (Optometry)
- BSc (Nursing)

Curricula for the following programs were drafted and approval taken by Board of Studies:

- BSc in Sleep technology
- Psychiatry as a separate subject for MBBS
- MD (Psychiatry)
- Post doctoral fellowship in Sleep Medicine
- Post doctoral Certificate course in Sleep Medicine

### 2. OPD Services

Outpatients department:

- General OPD:
  - OPD is situated in hospital building C on Level 3
  - The General OPD provides services to the patients suffering disorders that represent in the form of alteration in behaviour, emotions, perception, thoughts and cognitive functions like attention, concentration, memory, reasoning and judgment etc. To sum-up general OPD caters patients suffering from Depression, Anxiety, Bipolar Disorder, Schizophrenia, Substance use, Sexual Problems, Dementia, Sleep Disorders, Generalized Multisite Body Pains, Medically Unexplained Symptoms, Emotional and Behavioural symptoms co-occurring with other medical disorders etc.
- Number of patients in general OPD and Speciality OPDs- Addiction and Sleep
- Patient care in outpatient service: 12-16 hours/week
  - o Total number of patients- 3530
  - o In addition, due to pandemic situation, patients were offered services through telemedicine and screening OPD run by the institute

- Patient care in special clinics (name the clinic):
  - o Sleep clinic (outpatients - 42)
  - o De-addiction Clinic– (Total number of patient-60)
  - o In addition, due to pandemic situation, patients were offered services through telemedicine

### 3. IPD Services

In-patients department

- 20 beds ward on third floor in Hospital building B, Level 4.
- Among these 20 beds, 6 beds are earmarked for DM (Addiction Psychiatry) program. In addition, two beds are available in Sleep Laboratory.

Number of patients in Ward, Sleep Lab and Consultation Liaison Psychiatry

- Patient care in inpatient service: 12-15 hours/week and more as per the clinical needs:
- Total number of patients- 630
- In addition, due to pandemic situation, department offered services to patients admitted with SARS-CoV-2 infection as per policy of the institute
- Handling of medico legal cases including medical board assessments (Total number of medical board assessments-5)
- Sleep Lab-(27)(Lab was closed from 27 March 2020 to Jan 2021 due to pandemic)
- Consultation Liaison Psychiatry (Approximately 4-8 inpatients referred per day from different clinical departments)

### 4. Health awareness/ educational activities organized by department

- a) A talk was given on the topic “Importance of sleep” on World Sleep Day, 2021 by Dr Ravi Gupta
- b) Articles were published in newspapers by Dr Ravi Gupta on the occasion of World Sleep Day 2021 to increase the awareness regarding sleep and sleep disorders among general public
- c) Article was published in the newspapers to make the people aware regarding sleep disturbances occurring during pandemic and ways to overcome them by Dr Ravi Gupta

### 5. CME / workshop / conference / training organized by department

Training program is being conducted for the doctors working in primary care under an extramural project funded by National Health Mission, Uttarakhand

### 6. New initiative of department

- a) Three years BSc (Sleep technology) course was started by the Division of Sleep Medicine
- b) Actigraphy services were added to the Sleep Clinic of the department
- c) “Diploma in Primary Care Psychiatry” course was started with the help of funding from National Health Mission, Uttarakhand to enhance the availability of Primary Care Psychiatrists in Uttarakhand
- d) Diploma in Psychological Medicine (DPM) course was started for the in-service doctors
- e) Tele-Psychiatry services were started by the department to help the patients during pandemic
- f) 10 bedded Addiction Treatment Facility was started with the help of NDDTC (AIIMS Delhi) and MoSJE
- g) Setting up of Addiction Treatment Facility (OPD and IPD) at AIIMS Rishikesh
- h) Managing Youth Centre for students of AIIMS Rishikesh

### 7. Any other activities/achievement by Department

- a) Biofeedback facility
- b) Modified Electroconvulsive therapy (m-ECT) initiated
- c) Involved in care and treatment of Covid-19 patients

### 8. Future plan Clinical Services:

- a) Expansion of community based services
- b) School Mental Health Program
- c) New services to be started:
  - Clinical psychology including child / school psychology and neuropsychology
- d) New therapeutic approaches / services to be started:
  - Repeated Transcranial Magnetic Stimulation (r-TMS)
  - Behavioral Therapy Unit



**Research:**

New Research modalities to be explored:

- Functional Neuro-imaging
- Genetic markers of Diseases
- Neurophysiology
- Neuromodulation
- Neuropsychology

**II) Faculty activities**

**Ravi Gupta**

**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Invited presentation on “Polysomnography: relevance to Psychiatry and decoding the report” in a webinar organized by Central Psychiatric Society, India (March, 2021)
- b) Invited presentation on “Sleep Medicine: Psychiatrist’s perspectives” in India Sleep Show organized by Indian Society for Sleep Research, New Delhi (March, 2021)
- c) Invited presentation on “Scoring of movements in sleep study” in the course organized by ACE school of Sleep Medicine, New Delhi (Feb, 2021)
- d) Invited Presentation on “OSA in Psychiatry practice: barely recognized, rarely treated” in the webinar of Behavioural and Neuroscience Academy of India (Jan, 2021)
- e) Invited presentation on “Obstructive Sleep Apnoea: Overview” in the webinar held by CCRYN, New Delhi (Jan, 2021)
- f) Invited presentation on “Stress and Sleep” in Indo-UK digital symposium organized by NIMHANS, Bengaluru (Dec 2020)
- g) Invited presentation on “Sleep disturbances and Psychiatric illness during COVID-19” in NATCON 2020 (Dec 2020)
- h) Invited presentation on “Insomnia and benzodiazepine dependence” in Tele-arogya Web Series organized by IPS-Karnataka Chapter (July 2020)

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson / panellist / Quiz Master)**

- a) Member of an expert panel of Asian Society for Sleep Medicine to develop the guidelines for training of Sleep Physicians and Sleep technologies in Asian countries
- b) Member of an expert panel for World Sleep Society to develop guidelines for diagnosis and management of obstructive sleep apnea

**Dr Anindya Das**

**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Training of trainers of mental health component for Community Health Officers of Health and Wellness Centres organized by National Health System Resource Centre
- b) Chairperson of National Suicide Helpline of Indian Psychiatric Society

**Dr. Vishal Dhiman**

**Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Attended American College of Physicians India Chapter 3D Virtual Conference held on 9th August 2020

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Attended 33rd ECNP Congress Virtual Highlights Sessions, India, 2020 held on 22nd November, 2020 by European Collage of Neuropsychiatry

**Dr. Vikram Singh Rawat**

**Associate Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Attended Online Orientation of Resource Persons (Psychiatrists) on Management of SUD (Substance use disorders) organized by NDDTC AIIMS Delhi from 19th to 24th Oct 2020

**Dr. Jitendra Rohilla**  
**Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
  - a) Speaker at CME of Uttarakhand State Branch of the Indian Psychiatric Society “Salient features of ICD-11, mental, behavioural and neurodevelopmental disorders-focus on adult onset disorders” on 20th February 2021
  - b) Resource Person and Trainer for one year diploma program for primary care physicians of Uttarakhand state funded by National Health Mission (NHM), Uttarakhand in collaboration with National Institute of Mental Health and Neuro-Sciences, Bangalore.

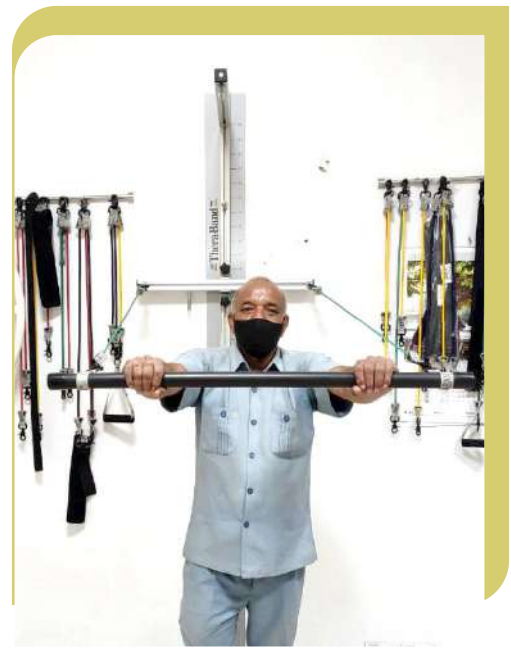


**Covid 19 - Pledge**

## **DEPARTMENT OF PHYSICAL MEDICINE & REHABILITATION**



**Ultra Sound Machine**



**Thera Band Exercise**

## 8.36 PHYSICAL MEDICINE & REHABILITATION

**Vision:** Department of Physical Medicine & Rehabilitation (PMR) at AIIMS, Rishikesh is one of the pioneer Rehabilitation Centre in the region where comprehensive medical and rehabilitation services are available to restore an individual's condition to the maximum possible level of functioning in consideration with the medical condition vis-à-vis environmental factors.

**Mission statement:** We focus to improve the quality of life of the patient through a dynamic team oriented approach. The traditional medical approach aims "adding years to life" while PMR with the functional model accomplishes "adding life to years".

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Prof. Rajalakshmi H. Iyer	Professor
2	Dr Raj Kumar Yadav	Assistant Professor
3	Dr Osama Neyaz	Assistant Professor

### I) Departmental activities:

#### 1. Academic

##### Undergraduate

- Dr Raj Kumar Yadav has taken 12 theory classes of MBBS 2017 batch under orthopaedic subject and 3 classes of MSc Nursing during the session.
- Dr Osama Neyaz has taken 8 theory classes of MBBS 2017 Batch during the session and 5 classes of MSc Nursing and Respiratory therapy.
- Department is helping Pulmonary Medicine Department in conducting the B.Sc. Respiratory therapy course by taking theory and practical classes of the students.

##### Postgraduate

- MD (PMR) course is undergoing in the Department.  
Total number of MD students joined till this session: 05
- PDF Trauma Rehabilitation course was started in the Department during the last session. One (01) student completed the course during the session.
- Total number of PhD scholars undergoing their research activity in the Department during the session: 2

#### 2. OPD Services

- Daily in Room No. 031116 , 031102 at Ground Floor, OPD Block (C Block), total number of patients seen in OPD during the session: 5497

- Total number of interventions (intra-articular and soft tissue injections, nerve blocks) done during the session: 350
- Total number of patients seen for therapy during the session: 5919
- Total number of orthosis and prosthesis fabricated and delivered: 7

#### 3. IPD Services

- Total number of patients managed in IPD during the session: 11
- Total number of patients seen in IPD as Ward Referrals: 85

#### 4. Diagnostic Services

- Special services offered by the department:
- Advance Robotic Rehabilitation: The Robotic devices with Virtual Reality System and Biofeedback are used in our department for the recovery and rehabilitation of Quadriplegic, Paraplegic and Hemiplegic patients even in early phase when they do not have any motor power.  
Total number of sessions of patients on the device  
Armeo Spring Session - 40  
Lokomat Pro Session – 189
  - Gait and Motion Analysis Lab: This system measures or gives real time feedback on the movements of the whole body or any part thereof, and therefore used for a wide range of applications such as gait deviations due to injury, pain, post-operative orthopaedic patients, posture analysis etc.  
Total Gait and Motion Analysis done: 120

- c) Plantar Pressure Analysis System used in the management of conditions with foot pain, ulcers and deformities.

Total number Foot Pressure Mapping done: 80

### 5. Special Clinics

Four special clinics undergoing in the department during the session:

- Motion Analysis Clinic
- TBI Rehab & Diabetic Foot Clinic
- Pain Intervention & Amputee Rehab Clinic
- Stroke & SCI Clinic

### 6. New initiative of department

- PMR Department has formulated COVID Rehabilitation programme, in collaboration with pulmonary medicine, for COVID patients.
- Department has also started conducting Physiotherapy Externship.  
14 Physiotherapy students has joined the department for the training during the session.

### 7. Other activities / achievement by Department

- During this current COVID era, Faculty members, Residents & Therapists of our Department are doing active duties in the Emergency Department and COVID Indoors.
- Prof Raja Lakshmi H Iyer received token of gratitude for 'Workshop on Pressure Injury: Evidence based Nursing Approach' in the 'International Nurses Week' on 22nd January, 2021.
- Dr Binayak Patra, MD Student presented a paper on Correlation between Vitamin D deficiency and nonspecific chronic low back pain in the Annual National Conference of IAPMR 2021.
- Departmental member Mrs Pooja Arya (PT) received the 'Certificate of Appreciation' in 'International Women's Day' on 8 March 2021 at AIIMS Rishikesh.

### 8. Future plan

Clinical Services: To start –

- Post COVID Rehabilitation Clinic for patients suffering with COVID 19.
- Neuro Dynamic Solution training for patients with neurological problems.

Academics and teaching : To Start - DM (Pain Medicine) Course.

### Research:

Complete the ongoing Research on

- Disability following COVID -19: a cross sectional study.
- Static and dynamic foot pressure distribution variations in adults.

### II) Faculty activities:

**Dr Rajalakshmi H Iyer**  
Professor, PMR

- Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Presented topic 'Prosthetics in diabetic foot amputation suggestion to the surgeon' in International Webinar, 'Offloading in Diabetic foot condition' organized by Indian Podiatry Association on 15th May 2021.

- Awards & honours**

Acted as a Resource Person and received token of gratitude for 'Workshop on Pressure Injury: Evidence based Nursing Approach' in the 'International Nurses Week' on 22nd January, 2021.

**Dr Raj Kumar Yadav**  
Assistant Professor, PMR

- Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- Presented paper on '3D Printing in PMR' at IAPMR Midterm CME on 01/11/2020.
- IFNR organized course on 'Stroke Rehabilitation' from 11th September – 10th October, 2020
- IAPMR National Conference 2021, 21st – 24th January 2021.

- Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) WFNR endorsed course on 'Basic Gait Analysis' from 19th June – 10th August, 2020
- b) International Webinar on 'COVID-19: Opportunity to reform assessment' on 21st July 2020
- c) WFNR endorsed course on 'Management of Spasticity' from 7th August – 28th August 2020.

**3. Awards & honours (major recognition)**

- a) Acted as peer reviewer for Journal of neurosciences in rural practice & Journal of clinical and diagnostic research
- b) Member of Board of Studies for course M.Ch. Pediatric Orthopedics at the Institute.

**Dr. Osama Neyaz  
Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) WFNR endorsed course on 'Management of Spasticity' from 7th August – 28th August, 2020.
- b) Webinar on 'Psychological well-being among Youth' on 26th Aug 2020.
- c) Webinar on 'Role of indigenous food items in health and disease: A prospective from Uttarakhand on 1st Sep 2020.
- d) IAPMR MIDTERM CME 2020, 31st October 2020 to 1st November 2020.

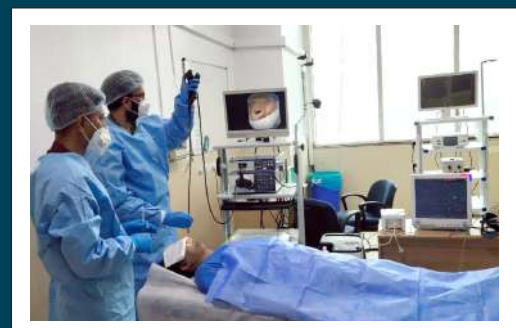
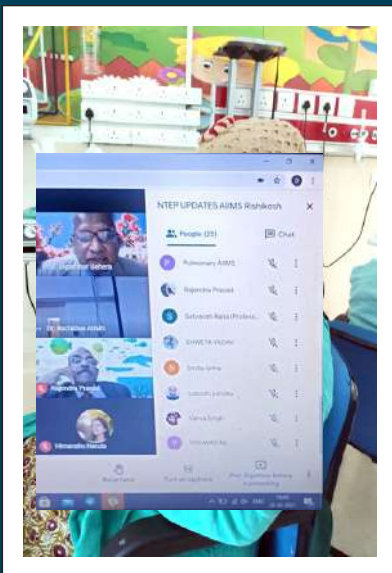
**2. Participated in International CME / conferences / workshops/ trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Passed 8th EULAR Online 'Introductory Ultrasound Course' on 18.05.2020.
- b) International Webinar on 'COVID 19: Opportunity to reform assessment' on 21st July 2020.
- c) 'UNESCO Bioethics' webinar held on August 27, 2020.
- d) International Conference 'HUMANITIES HEALTH 2020' Sep 10th – 12th 2020

**3. Awards & honours received**

Received 'IPARM Rehabilitation Research Award 2021' for the best-published paper in a journal.

# DEPARTMENT OF PULMONARY MEDICINE



## 8.37 PULMONARY MEDICINE

Department of Pulmonary Medicine caters to wide range of respiratory disorders armed with state of art Bronchoscopy and Pulmonary function testing services. Department aims to excel in teaching, training of undergraduates & postgraduates and keeping pace with latest advances in therapeutics & diagnostics along with planning innovative research strategies.

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Girish Sindhvani	Professor & Head
2	Dr. Ruchi Dua	Additional Professor
3	Dr. Mayank Mishra	Additional Professor
4	Dr. Prakhar Sharma	Assistant Professor
5	Dr. Lokesh Kumar Saini	Assistant Professor

If required, insert row

### I) Departmental activities :

#### 1. Academic

The Department is Part of under-graduate (MBBS) educational activates as a part of medicine and allied (15 lectures, integrated teachings) and internship programme as elective posting.

#### Undergraduate

The Department is Part of under-graduate (MBBS) educational activates as a part of medicine and allied (15 lectures, integrated teachings) and internship programme as elective posting.

Courses Approved	Status	Number of Seats
PFT Assistant (Certificate Course)	-	03
Bronchoscopy Assistant (Certificate Course)	-	03
Interventional Pulmonology (Fellowship course)	-	01
Respiratory therapy (B.Sc. Course)	Ongoing	06
Diploma/Certificate Course on Endobronchial Ultrasound (03 Months)	-	01

### Postgraduate

- Post-graduate DM program is also run by the department (03 seats per year) with 06 DM candidates in department in current year. Regular academic activities as per roster including case presentations, seminars and journal clubs are conducted on thrice weekly basis.
- Post-Graduate MD Program is also run by the Department with 03 Candidates in Department currently. Regular academic activities as per roster including case presentations, seminars and journal clubs are conducted on thrice weekly basis.
- 03 PhD students currently are pursuing their courses in the department.
- Diploma in Respiratory Medicine program is also run by the department with 03 Candidates in Department currently.

### 2. OPD Services

The department provides daily OPD services catering to wide range of obstructive, restrictive, infective and malignant respiratory disorders. Approximately 2158 patients benefitted from OPD services rendered by the department, during last year.

### 3. IPD Services

733 indoor admissions were done during the last year and ward witnessed a bed occupancy of 80.51% Procedures like tube thoracostomy, Ultrasound guided FNAC, Biopsy, pleurodesis and horacocentesis are performed on daily basis. The facility for non-invasive and invasive ventilatory support along with state of art intensive care services is also available.



**4. Diagnostic Services**

Currently the Department runs 3 labs

- a) Full-fledged state of art Pulmonary function lab offering spirometry, diffusion, body box plethysmography and cardio-pulmonary exercise testing.
- b) Interventional Pulmonology lab providing Basic and advanced bronchoscopy procedures, endobronchial USG (EBUS) and Thoracoscopy. Rigid bronchoscopy for therapeutic and diagnostic procedures along with Cryotherapy and cautery facilities for therapeutic management of

wide range of neoplastic and non-neoplastic disorders.

- c) Sleep lab for diagnosis and management of sleep related breathing disorders.

**5. Major/Minor OT Services****BRONCHOSCOPY PROCEDURE**

Rigid bronchoscopy	- 06
Ebus bronchoscopy	- 78
Thoracoscopy	- 12
Flexible bronchoscopy procedures	- 237
<b>TOTAL</b>	<b>= 333</b>

**6. Special Clinics**

Sr. No.	Department	Clinics	Faculty	OPD Days
01	Pulmonary Medicine	COPD Clinic Smoking Cessation ILD	Dr. Ruchi Dua/ Dr. Prakhar Sharma	Monday
02	Pulmonary Medicine	Bronchial Asthma	Dr. Ruchi Dua/ Dr. Prakhar Sharma	Wednesday
03	Pulmonary Medicine	Interstitial lung disease Clinic	Dr. Girish Sindhwani/ Dr. Prakhar Sharma	Thursday
04	Pulmonary Medicine	Lung Cancer Clinic	Dr. Mayank Mishra	Friday

**7. CME / workshop / conference / training organized by department**

- a) Online Webinars on Whats new in Tuberculosis (2) - Diagnosis & Management - June 2020
- b) Training on TOG updates-February 2021 as part of Core committee NTEP, First Hybrid conference by department - 26 February 2021

**8. New initiative of department**

- a) Upgradation of Rigid bronchoscopy facility
- b) Upgraded Sleep lab
- c) Starting of MD Respiratory Medicine courses
- d) Starting of Diploma in Respiratory Medicine Courses

**8. Future plan**

- a) Upgraded bronchoscopy services
- b) Bronchoprovocation test & MIP/MEP in Pulmonary Function lab along with improved Cardio-pulmonary exercise testing facility

**II) Faculty activities:****Dr. Girish Sindhwani  
Professor & Head**

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Speaker for Virtual NAPCON 2020 Conference 20-21 January 2021
- b) Chairperson for a session at AIIMS Pulmocrit - 2020 virtual Conference 27-31 January 2021

**Dr Ruchi Dua  
Additional Professor**

1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Faculty in Online Webinar on Tuberculosis update and delivered lecture on diagnostic algorithms organised by core committee NTEP, AIIMS Rishikesh
- b) Moderator in Online Webinar on Tuberculosis update and moderated

session on treatment updates in management of tuberculosis organised by core committee NTEP, AIIMS Rishikesh

- c) Panelist in “Better understanding & management of asthma through tools of modern technology” at NAPCON 2020 on 29 January.
- d) Chaired debate on “Budesonide Vs Fluticasone: which to use as ICS” On 29.1.2021, NAPCON
- e) Delivered guest lecture on “EMN bronchoscopy for peripheral pulmonary lesions-1 year results of prospective multicentre NAVIGATE study” in symposium in IP on 31/1/2021 at NAPCON
- f) Judged NAPCON 2020 award E poster session on asthma
- g) Faculty in “National Pulmonary PG conference 2020”, 17/1/2021 and delivered lecture on ‘EBUS-How we do it’ organized at KGMC, Lucknow.
- h) Invited as faculty “ OSCE item writing workshop” 7-8/2/2021 by National Board of Examination at New Delhi.
- i) Organising secretary & Faculty in TOG updates , February 2021 at AIIMS Rishikesh, Hybrid conference
- j) Chaired a session on ‘OR in NTEP’ organised by CFM, HIMS Dehradun on 22/3/2021.

**1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Delivered oral presentation in Chest congress at Bologna Italy (Online) on Atypical presentation in Pulmonary Tuberculosis-case series & review of literature, 2020.

**Dr Mayank Mishra  
Additional Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Expert panellist for online Interinstitutional AIIMS panel discussion on Practice of Pulmonary Medicine during COVID time: Challenges, evidence and viewpoints, conducted by AIIMS Jodhpur on 09.09.2020.

- b) Speaker on Management of Malignant Pleural Effusions in NATIONAL PG PULMONARY CONFERENCE, 2020 conducted by KGMU on 17.01.2021.
- c) Chaired a session on Symposium on National Guidelines, Consensus reports & Position papers on 28.01.2021 in Virtual NAPCON-2020.
- d) Speaker on the wrong aspect of Debate on COVID-19: Online Management of COVID-19 - Right or Wrong? on 30.01.2021 in Virtual NAPCON-2020.

**Dr Prakhar Sharma  
Assistant Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master) (1st April 2019 to 31st March 2020)**

Resource faculty as Instructor for “Airway Management” of COVID 19 case organized by AIIMS, Department of CPD to prepare candidates during COVID 19 pandemic

**2. Awards & honours received**

NAPCON 2020 (VIRTUAL): Second award in oral presentation (session on developmental anomalies)

**Dr. Lokesh Kumar Saini  
Assistant Professor**

**1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Worked as Instructor Faculty for “Training on Airway management in COVID-19 patients” at Advanced Centre of Continuous Professional Development (CPD), AIIMS Rishikesh
- b) Took a lecture on “OSA-Diagnosis” in Telepsychiatry program for training and education of Medical officers of Uttarakhand.

**2. Awards & honours received**

- a) Teacher’s Day Award 2020”
- b) Certificate of appreciation for Excellent service during COVID pandemic

## DEPARTMENT OF RECONSTRUCTIVE & COSMETIC-PLASTIC GYNAECOLOGY

**एम्स ऋषिकेश के उत्तराखंड में स्त्री  
वरदान अभियान के तहत राज्यस्तरीय  
ऑनलाइन संगोष्ठी का आयोजन**

देवभूमि मीडिया



**ऋषिकेश :** AIIMS (अखिल भारतीय आयुर्विज्ञान संस्थान) ऋषिकेश के रिकंस्ट्रक्टिव एवं कॉस्मेटिक गायनेकोलॉजी विभाग की ओर से महिलाओं की निजी समस्याओं के समूल निवारण के लिए शुरू किए गए कार्यक्रम ' स्त्री वरदान: चुप्पी तोड़ो स्त्रित्व से नाता जोड़ो को विभिन्न सामाजिक संगठनों की सहायता से नई दिशा मिल रही है।



## 8.38 DEPARTMENT OF RECONSTRUCTIVE & COSMETIC-PLASTIC GYNAECOLOGY

- The Division of Reconstructive & Cosmetic- Plastic Gynecology is the first global academic division of Cosmetic Gynecology.
- The mission of the Division is to establish Cosmetic Gynecology as a unique subspeciality of gynecology dedicated to providing women a better sexual life.
- Globally, this is the first centre of it's kind to

establish academic courses in the speciality including M.Ch and PDCC courses.

- This unique division has been established because of the vision of Director AIIMS Rishikesh, Padmashri Professor Ravi Kant and Dr Navneet Magon, who is the sole professor of Cosmetic Gynecology in the world.

**Department has following faculty members –**

Sl.No.	Name of Faculty	Designation
1	Dr Navneet Magon	Associate Professor & Head

### I) Departmental activities :

#### 1. Academic

- a) Monthly seminars and journal clubs for M.Ch. student
- b) One Teaching class per week for M.Ch. student
- c) Monthly internal assessments of M.Ch student

urge women to reach out to health care professionals with their issues of stress urinary incontinence, sexual dysfunction and pelvic organ prolapse

- c) Due to the continuing impact of COVID- 19 pandemic throughout the year, numerous online follow up meetings were organised with the volunteers trained in the above initiatives.

#### 2. OPD Services

The Division has been running specialised clinic of Cosmetic Gynecology and Urogynecology every week to provide women with plethora of services.

#### 6. New initiative of department

Stree Vardaan initiative (Chuppi Todo, Striv Se Nata Jodo)- This is an initiative to address the intimate gynecological health issues of women like urinary incontinence, sexual dysfunction and pelvic organ prolapse. The vision is to make every female of Uttarakhand incontinence free.

#### 3. IPD Services :

Waiting for independent IPD services to be set up. Despite repeated reminders, space and paraphernalia for the same have not been provided by the administration. However, the IPD services of OBG department have been used as required.

#### 7. Future plan

- a) Setting up a global centre of excellence for cosmetic gynecology
- b) To make the International Journal of Cosmetic Gynecology functional
- c) Academic publications from department
- d) Full day OPDs thrice a week
- e) OTs twice a week

#### 4. Health awareness / educational activities organized by department

Stree Vardaan Initiative

#### 5. CME / workshop / conference / training organized by department

- a) 31-10-2020- Launch of the Stree Vardaan Initiative wherein 50 voluntary health care workers were trained on the aspects of female stress urinary incontinence, female sexual dysfunction and pelvic organ prolapse
- b) 7-03-2021- Continuation of the Stree Vardaan initiative wherein 250 students were educated and trained on how to identify the intimate health issues of women and motivated to reach out to the most remote area of their community and

### II) Faculty activities :

**Dr Navneet Magon**  
Associate Professor & Head

#### 1. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Online international webinars held with Professor Adam Ostrzenski (USA) (Father of Cosmetic Gynecology) for M.Ch. and PDCC students in Cosmetic Gynecology

# DEPARTMENT OF RADIATION ONCOLOGY



## 8.39 RADIATION ONCOLOGY

Vision: To excel in cancer care and training in the country and bring about quality and innovative research in field of cancer diagnosis, management and prevention.

Mission statement: Our mission is to ensure quality care to each and every cancer patient we serve, using cutting edge technology and comprehensive cancer care at a very affordable cost. We have special focus on teaching and quality training of postgraduate doctors in Radiation Oncology. We are keen on research in the field of oncology to provide solutions relevant to this region and our country.

Department has come up with latest facilities for cancer treatment. Radiation therapy facility has commenced from 26th January 2018. It is a

state of art center equipped with high energy linear accelerator Versa HD with FFF radiation beam capable of performing high end radiotherapy techniques. We are providing 3D CRT, Intensity Modulated Radiotherapy (IMRT), Image Guided Radiotherapy (IGRT), Radiosurgery [Stereotactic Radiosurgery (SRS), Stereotactic Body Radiotherapy (SBRT)], Adaptive Radiotherapy and HDR Brachytherapy facilities here. There are dedicated state of the art quality assurance (QA) equipment in the department. Another state of art latest technology low energy linear accelerator (Halcyon) has also been installed and is functional for patient care.

Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Prof. Manoj Gupta	Professor
2	Dr. Rajesh Pasricha	Additional Professor
3	Dr. Deepa M. Joseph	Associate Professor
4	Dr. Sweety Gupta	Assistant Professor

### I) Departmental activities

#### 1. Academic activities

- Regular undergraduate classes once a week being held on every Thursday 8- 9 am
- Clinical posting (ward/OPD/Radiation bunker) of undergraduate students on regular basis
- MD Radiation Oncology 3 years' academic program is being run in our department and at present there are 11 post graduates in the department.
- Twice weekly tumour board being conducted every Wednesday and Friday 2:30 pm onwards

#### 2. OPD Services

We are treating cancers of all sites. There are regular outpatient services including diagnosis, staging work up and treatment of cancer. We provide day care chemotherapy facility, targeted therapies and emergency services.

Monday, Wednesday, 1st, 3rd, 5th Friday  
**Unit I:** Prof Manoj Gupta / Dr. Sweety Gupta

Tuesday, Thursday, 2nd & 4th Friday  
**Unit II:** Dr. Rajesh Pasricha / Dr. Deepa Joseph

**Palliative care OPD:** Every Tuesday & Friday: 2:00-4:00 pm

During this period 1617 new cases of cancer patients have been registered in Radiation Oncology OPD

Total patients treated by External radiotherapy on both machines were 880 during this period

Due to Covid pandemic crisis, department started telemedicine services and 2380 patients consulted through tele-consultation.

#### 3. IPD Services

- Patients are admitted in IPD for supportive care, infusion chemotherapy and oncological
- emergency management. During this period, we have admitted 1025 patients in ward.
- Total of 2930 patients have received chemotherapy and supportive care in day care.

**4. Major/Minor OT Services;**

We have a dedicated brachytherapy operation theatre for placement of applicators and then patient is shifted to brachytherapy unit for treatment. Total 158 brachytherapy procedures have been done during this period and include intracavitary brachytherapy for gynecological malignancies, interstitial brachytherapy for head and neck and soft tissue sarcomas.

**5. Health awareness / educational activities organized by department**

Various cancer awareness activities were conducted in collaboration of other related departments.

**6. CME / workshop / conference / training organized by department**

13th AROI ICRO Radiobiology teaching course was organized 26th-29th August 2020

**7. New initiative of department**

Following courses have been approved

- a) DM Head & Neck and Neuro oncology
- b) DM in Urogenital and GYN Oncology

Following course has been started in October 2020

- BSc in Radiotherapy Technology

Following courses have been started in January 2021

- a) PDCC Head & Neck and Neuro oncology
- b) PDCC in Urogenital and GYN Oncology

**8. Other activities / achievement by Department**

In view of Covid situation from March 2020 we have started telemedicine facility for cancer patients.

**9. Future plan**

Department has planned to start following courses

- a) MSc Physics in collaboration with IIT Roorkee
- b) More DM courses based on subsite
- c) DM Preventive Oncology
- d) DM Palliative Medicine
- e) Image Guided Brachytherapy

- f) Marker free patient monitoring system for gated treatment of moving tumors like lung & liver cancers
- g) Cyber knife Radiosurgery
- h) Gamma Pod for breast radiosurgery
- i) Intra Operative Radiotherapy
- j) Prostate Brachytherapy
- k) Tomotherapy
- l) Two High Energy Linear Accelerator

**II) Faculty activities:****Dr. Manoj Kumar Gupta  
Professor & Head****1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Participated in Breast CME at AIIMS Rishikesh as faculty for following events (2nd May 2019):
  - Guest speaker on “Accelerated Partial Breast Irradiation (APBI).
  - Moderator of panel discussion on “Early Breast Cancer”.
- b) Guest speaker on AROI-ICRO PROADVACE 2019 teaching course on Head & Neck Cancers” and spoke on “Radiobiological basis of fractionated radiotherapy in head & Neck cancers and clinical results (7-8 September, 2019, PGI Chandigarh).

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Guest Speaker at 4th International AROI-ESTRO GYN Teaching Course and delivered a lecture on “Radiobiology relevant to cervical cancer brachytherapy with special emphasis on HDR Brachytherapy” TMH Mumbai 4-7 March 2020.

**Dr Deepa Joseph  
Associate Professor****1. Awards & honours received**

International Innovation Grant of Conquer Cancer Foundation of American Society of Clinical Oncology (ASCO)

**Dr Sweety Gupta**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Invited as National faculty and took lecture on Radio sensitization in elderly cancer patients: Is it safe? at OFCON 2020 4-6th December 2020 New Delhi
- b) Invited as Chairperson in 3rd Max Contouring Workshop Webinar held on 30th January 2021
- c) Conducted as mentor 10 days' clinical attachment programme part B IAPC course for doctors and nursing officers of Uttarakhand National Health Mission 18th Feb-01st March 2021.
- d) Participated as coordinator for session journey through the eyes of course coordinators in IAPCON, Patna 18-21st March 2021

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Resource person Cancer: Early detection and Screening

**3. Awards & honours received**

3rd prize paper presentation, Factors affecting quality of life of cancer care-givers: A quantitative study. OFCON 2020 4-6th December New Delhi



# DEPARTMENT OF RADIODIAGNOSIS



## 8.40 RADIODIAGNOSIS

The Department of Radiodiagnosis & Imaging, AIIMS Rishikesh provides state of the art imaging facilities, and innovative minimally invasive interventional procedures at affordable prices, making quality healthcare services accessible to all. We earnestly strive to improve the coverage of our services while maintaining the high level of quality reporting that the department is known for.

Our Interventional Radiology (IR) division has created a niche for itself mainly in management of Gastroenterology, Urology and Vascular Interventions thereby reducing morbidity and hospital stay for patients as well as increasing their quality of life.

Our Breast Radiology division forms an integral part of Breast Clinic offering Diagnostic as well as Therapeutic Interventional services at one unique interface for patients. In co-ordination with Departments of General Surgery, Pathology and Radiotherapy, it provides a holistic platform for management of pathologies of the breast.

During the Current COVID 19 pandemic the department has contributed extensively in providing dedicated imaging and intervention services to all patients. The department also provided patient care as and when required

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Sudhir Saxena	Professor and Head
2	Dr. Anjum Syed	Additional Professor
3	Dr. Pankaj Sharma	Associate Professor
4	Dr. Poonam Sherwani	Associate Professor
5	Dr. Udit Chauhan	Assistant Professor
6	Dr. Rahul Dev	Assistant professor
7	Dr. Sonal Saran	Assistant Professor
8	Dr. Swarnava Tarafdar	Assistant Professor

### I) Departmental activities

#### 1. Academic

- a) **Undergraduates** – Theory classes for 7th semester students along with multiple integrated classes for various semesters were organized and conducted as and when asked for.
- b) **Post-graduate students** – Seminars and case presentations are done and moderated by faculty in morning academic sessions, which were conducted on all working days. All Wednesdays were earmarked for our vibrant Journal club. Faculty conducted film reading sessions for post-graduate students on weekly basis. Post-graduate students were also actively involved and their reporting skills nurtured at respective stations. They were also encouraged to actively participate in conferences and workshops held within and outside the institute.
- c) **Multi-departmental meetings** – Embracing the paradigm shift in patient management by recognising the role of Clinico-Radiological discussion, a platform for discussion with different broad specialties and super speciality departments including Neurology, Neurosurgery, Gastroenterology, Gastrosurgery, Obstetrics and

Gynaecology, Cardiology and Pulmonary Medicine were organised at regular intervals. Post-graduate Residents, PDCC Fellows and DM candidates participated actively in these events chaired by Departmental consultants.

- d) The department has started a DM neurointervention course in the current academic year

#### Brig Sudhir Saxena Professor & HOD

Academic and other achievements

- Empanelled PG examiner at Medical universities of UK,MP,UP, SGPGIMS, JIPMER, TMH and AIIMS Bhopal.
- Faculty in IRIA National Conference at Gandhinagar, Gujarat.
- Introduction of PDCC course in Cross Sectional Body Imaging
- Optimal maintenance of equipment with almost zero down time through OEMs.
- President of UK state chapter of Indian Radiology & Imaging Association.
- Member of constitutional review committee of India Radiology & Imaging Association.
- Organizing chairperson of CME on Breast Imaging under aegis of IRIA at Dehradun.
- Convenor of RAKSHA programme of IRIA, a social outreach programme for women.

**2. Diagnostic services**

Sr No	Equipment Name	Number of Equipment	Number of cases done in 2019-20
1.	DRF X Ray System	1	23953
2.	DR X Ray System	1	24785
3.	CT Scanner 64 slice	1	9048
4.	CT Scanner 128 Slice	1	13086
5.	MRI 1.5 Tesla	1	3697
6.	MRI 3 Tesla	1	2465
7.	2D Ultrasound & Doppler	1	1075
8.	3D Ultrasound & Doppler	1	9647
9.	Digital Mammography	1	714
10.	Digital Subtraction Angiography (Major Cases)	1	174
11.	Digital Subtraction Angiography (Minor Cases+ USG guided)	1	2450

**3. Health awareness / educational activities organized by department**

1. Post-doctoral certificate courses in following subspecialties are being conducted:

- (i) GI Radiology
- (ii) Vascular Radiology
- (iii) Cross section body imaging
- (iv) Breast imaging in collaboration with IBCC
- b) Externship to technicians, who have passed out from various institutions in adjoining areas.

**4. CME / workshop / conference / training organized by department**

Trained all personnel of the department in COVID safe behaviour

**5. Future plan**

- a) Department plans to start DM course in Intervention Radiology (IR).
- b) Department is in process of procuring PACS/RIS system, RFA system, 4D Colour Doppler with fusion imaging, CT guided navigation system for biopsy and ablation.
- c) Have signed MoU with various prestigious institutes like SGPGI, TMH and NIMHANS for research and scholar exchange programmes.

**II) Faculty activities**

**Dr. Brig Sudhir Saxena**  
Professor & HOD

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Guest Lectures in Academic conferences organized by Anatomy, AYUSH, Neurology, Respiratory medicine & Surgery Departments in AIIMS Rishikesh. Guest Lectures in Radiology conferences in MP, UP and UK at Gwalior, Noida and Dehradun.
- b) Conducting national webinars under aegis of Indian College of Radiology & Imaging

**2. Awards & honours received**

- a) Dr. Ramrishi Oration Award by Indian Radiology & Imaging Association (MP State) – 2018
- b) Fellowship of Indian College of Radiology & Imaging (FICR) – 2019

**Dr. Anjum Syed**  
Additional Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Presented lecture on BIRADS in Mammography & USG on 9 June 2020 at Krest Synergy Webinar on Oncologic Imaging & Interventions

**Dr Pankaj Sharma**  
Associate Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

**Participated as Faculty in :**

- a) National Board of Examinations Webinar for Postgraduates "Imaging in Thoracic Oncology with Diagnostic Tips" held on 28 January 2021.
- b) IRIA Wednesday Academics Webinar "Percutaneous and Endovascular management in Renal Cell Carcinoma" held on 9 December 2020.
- c) "Hemodialysis access shunt evaluation" at Dr G S Bathla CME Webinar 2020 on 2 August 2020.
- d) "Radiology of Pelvis in light of GU Malignancies" at 34th ICRO SUN PG Teaching Program Webinar on GU Malignancies on 30 July 2020.
- e) "Thyroid Ultrasound Revisited" in Krest Kochi and IRIA Kochi Webinar Series on 4 July 2020.
- f) "Guidelines for management of Incidentally detected Pulmonary Nodules on CT" in Krest Kochi and IRIA Kochi Webinar Series on 9 June 2020.
- g) "Image Guided Interventions" in e-Symposium on Interventional Radiology, conducted by IRIA-ICRI on 7 June 2020.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

As Faculty "Thyroid nodule evaluation and TIRADS" in Sono Con Webinar 2020 held on 9 August 2020.

**3. Awards & honours received**

- a) Teachers day Appreciation Certificate as Coordinator and Moderator in IRIA Teachers Day Celebration held on 5 September 2020.
- b) Doctors Day Award as Corona Warrior from Delhi Medical Association on 1 July 2020 at DMA House, Delhi.
- c) European Board of Interventional Radiology (EBIR) Examination Material Contributor Certificate awarded in 2020.

- d) First Prize : Sharma S, Sherwani P, Sharma P, Subbaih VA, Singhal S. Point of care ultrasound in COVID-19 Pandemic : Limiting the Infection Spread at Second Annual National Conference of the Society of Chest Imaging and Interventions (SCI-CON-2020).

**Dr Poonam Sherwani**  
Associate Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) 19th MRI Teaching course online August 2020
- b) Presented e poster on Adrenoleuko dystrophy: Beyond the diagnosis
- c) Delivered a lecture in IRIA ICRI on 7th March on Point of care ultrasound in neonatal ICU
- d) Delivered a lecture on the spotters in 7th krest kochi Annual radiology program held on 7 th to 21st feb 2021
- e) Delivered a lecture on Bone age assessment :A Primer For resident in October 2020 in IRIA-ICRI
- f) Delivered a lecture on imaging in Hypoxic ischaemic encephalopathy in krest synergy series on 14th July 2020
- g) Delivered a lecture on various case discussion on 26 th June in krest kochi series

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) RSNA 2020
- b) ECR 2020 July 15-19 2020
- c) Attended KCR 2020
- d) 4. Presented e-poster on SE 05 GU-23 Illustrated Imaging Review of Congenital Anomalies of Genitourinary tract Poonam Sherwani, Venkata Subbaih Arunachalam, Smily Sharma
- e) Attended ECR 2021 in March 2021 (3-7th)
- f) Presented e poster on Point of Care Ultrasound (POCUS) in the Indian Neonatal ICU: Current Role of Radiologist in Tertiary care center . (C-11497) P.

Sherwani, s. Sharma, V. S. Arunachalam,  
S. Basu; Rishikesh/IN

**Dr Udit Chauhan**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Conventional treatments in HCC- TACE and RFA at IRIA KREST Kochi webinars
- b) LIRADS at IRIA KREST Kochi webinars.
- c) Imaging and interventions Hemoptysis at IRIA-ICRI IREP online 2020.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) European Congress of Radiology – July 2020.
- b) CME of ECR- July 2020.
- c) COVID- opportunity to reform assessment - July 2020

**Dr. Sonal Saran**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Faculty/Speaker in musculoskeletal society webinar (24 Sept 2020)
- b) Faculty/Speaker in CME on conventional Radiology (March 2021)
- c) Presented electronic posters in International skeletal society annual meeting (OCT 2020)
- d) Presented electronic poster in Annual Asian Musculoskeletal society meeting (Sept 2020)
- e) Participated at ESSR Virtual Congress (June 2020)

**Dr. Rahul Dev**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest**

**Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Lectures delivered: Basic of Thoracic Computed Tomography, IRIA Kochi Webinars, July 2020.



# DEPARTMENT OF SURGICAL ONCOLOGY



## 8.41 SURGICAL ONCOLOGY

### Introduction:

The Department of Surgical Oncology was established in 2018. It currently includes 3 faculty and 8 Senior Residents. The department runs MCh Surgical Oncology Post Graduate Programme and is also involved in the teaching of other post graduate programmes like MCh Gynaecological Oncology, MCh Head Neck Surgery & Oncology, MCh Trauma Surgery, MCh Oral and Maxillofacial Surgery, MS General Surgery, MS ENT, etc. and undergraduate programmes (MBBS, BSc Nursing)

### Vision statement:

The Department of Surgical Oncology is committed:

- To provide evidence-based state-of-the-art care to cancer patients
- To train the surgeons in the comprehensive cancer care
- To conduct quality research in various aspects of cancer

### Mission statement:

- Providing high-quality surgical care to cancer patients at par with international standards
- Collaboration with Radiation Oncology, Medical Oncology, Radiology, Pathology, Nuclear Medicine, Psychiatry, Yoga, and other relevant specialties to provide multidisciplinary care to the cancer patients
- Establishing population based cancer registry for the people residing in Haridwar-Rishikesh
- Undertaking extra-mural and intramural funded research projects in the field of cancer
- Collaboration with National and International Institutions of excellence to promote training and research in the field of cancer

### Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Dr Pankaj Kumar Garg	Additional Professor
2	Dr K. S. Rajkumar	Associate Professor
3	Dr Dharmaram Poonia	Assistant Professor (till 29.12.2020)
4	Dr Mahendra Pal Singh	Associate Professor (till 05.08.2020)
5	Dr Ajeet Ramamani Tiwari	Assistant Professor (till 05.08.2020)

### I) Departmental activities:

#### 1. Academic activities

##### Undergraduate

The department is actively involved in undergraduate teaching through

- Undergraduate Teaching classes (MBBS)
- MBBS Clinical Teaching on rotation
- Training of Interns (MBBS and Nursing)

##### Postgraduate

The department runs MCh Surgical Oncology – 3-year course Super speciality Post Graduate Programme

In addition, the following postgraduate students come on rotation:

- MCh Gynaecological Oncology
- MCH Head Neck Surgery & Oncology
- MCh Trauma Surgery

- MCh Oral and Maxillofacial Surgery
- MS General Surgery
- MS ENT

The department is also involved in the following Multidisciplinary teaching sessions in collaboration with other departments:

- Tumour Board Meetings
- Surgical Oncology – Radiology Meeting
- Oncology Clinical Case Discussions
- Anatomy dissection sessions

#### 2. OPD Services

The department runs Surgical Oncology OPD six days a week (Monday to Saturday) at Level 3 OPD Block. The outpatient department also includes a state of art ENT Endoscopy workstation and a dedicated dressing room



**4. OPD Census:**

	2018-19 (Apr–Mar)	2019-20 (Apr–Mar)	2020-21 (Apr–Mar)
OPD	922	5870	3025

**3. Speciality Clinics:**

- Lung cancer clinic in collaboration with Department of Radiation Oncology, Medical Oncology, and Pulmonary Medicine
- Social Outreach Cancer Clinic at Ramakrishna Mission Hospital Haridwar
- Preventive Oncology Clinic in collaboration with Department of Radiation Oncology, Medical Oncology

The department offers the following diagnostic procedures as an Out-patient/Day care Procedure:

- Nasal Endoscopy
- Pharyngolaryngoscopy
- UGI Endoscopy – in collaboration with Medical Gastroenterology
- Colonoscopy - in collaboration with Medical Gastroenterology
- Bronchoscopy – In collaboration with Pulmonology

**4. IPD Services**

Surgical Oncology Ward consists of 18 beds and is located in Level 5, B Block. The ward includes a post-operative HDU which well equipped with state of art patient care monitors and ventilators and Minor OT/Dressing OT manned by dedicated nursing officers. Surgical Oncology OTs are located in the Level 6 OT complex.

**IPD Census:**

	2018-19 (Apr–Mar)	2019-20 (Apr–Mar)	2020-21 (Apr–Mar)
IPD	289	736	351

**OT schedule :**

Surgical Oncology OT – Tuesday, Thursday and Saturday

Robotic OT – Monday

**OT Census:**

Surgeries	2018-19 (Apr–Mar)	2019-20 (Apr–Mar)	2020-21 (Apr–Mar)
Major	191	480	224
Minor	44	176	112
Robotic	0	16	11

**5. Health awareness/ educational activities organized by department**

Social Outreach Cancer Clinic at Ramakrishna Mission Hospital Haridwar

**6. CME / workshop / conference / training organized by department**

- AIIMS RISHIKESH - UNIVERSITY OF DUNDEE Joint Surgical Journal Club – 22/09/2020
- Academic Co-Operation for Training by Interlinking Oncology Networks Journal Club – 07/2/2021
- Guest Lecture – How to Critically appraise a research paper – Dr. Ajay Sharma, Royal Liverpool and Broad green University Hospital NHS Trust, UK – 07/11/2020
- Academic Co-Operation for Training by Interlinking Oncology Networks Journal Club – 28/11/2020
- Oncology Multidisciplinary Teaching – Student MDT Esophageal Cancer AIIMS Rishikesh – 27/07/2020
- Academic Debate: Neo-adjuvant Chemo radiotherapy vs. Peri-operative chemotherapy in GE Junction Cancers

**7. New initiative of department**

- Started Robotic thoracic cancer and Head Neck Cancer Services
- Started microvascular free flap reconstruction for head and neck cancers
- Started Surgical Video and Online Teaching Sessions for MCh Surgical Oncology trainees in view of COVID Pandemic
- Started Fresh Cadaveric Dissection Teaching Sessions for MCh Surgical Oncology trainees
- Started Microvascular Anastomosis Training Sessions on Placenta
- Online Guest Lectures, tumour boards, case discussions and Visiting Professorships by Eminent National and International Faculty

**8. Other activities / achievement by Department**

- Dr. Pankaj Kumar Garg was promoted to Professor of Surgery at GTB Hospital, Delhi
- Dr. K. S. Rajkumar was awarded Fellowship of American College of Surgeons and Membership to the Faculty

of Surgical Trainers of Royal College of Surgeons of Edinburgh

- c) Dr. K. S. Rajkumar became the International Surgical Advisor of Royal College of Surgeons of Edinburgh

## 9. Future plan

- a) The department is rapidly expanding and we have proposed the procurement of the following new equipment:
- HIPEC/HITHOC Machine
  - Laparoscopy and Thoracoscopy sets
  - State of art surgical instruments and sets
  - Endoscopy Suite – including Upper GI endoscopy, colonoscopy and flexible bronchoscopy
- b) The department has also proposed a dedicated Oncology ICU in association with the Department of Anaesthesia

## II) Faculty activities:

### Dr Pankaj Kumar Garg Additional Professor & Head

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Invited expert for formulating ICMR guidelines for “Telemedicine use in the management of Cancer, Diabetes, Cardiovascular diseases, and Stroke in India – 2020”.
- b) Invited expert for formulating MCh Surgical Oncology Curriculum at Cancer Research Institute, Himalayan Institute of Medical Sciences, Dehradun.
- c) Conducted a Panel discussion “Effective Low-Cost Cancer Care: Reaching the Unreached” during VAIBHAV (Vaishwik Bhartiya Vaigyanik Summit), A global summit of Overseas and resident Indian Scientists and Academicians in October, 2020, Organized by the Government of India.
- d) Invited lecture on “COVID 19 and cancer in the elderly” during the virtual annual conference of the Oncology Forum held on 4th-6th December 2020
- e) External examiner for the MCh Surgical Oncology examination in May 2020 at All India Institute of Medical Sciences, New Delhi

- f) Thesis evaluator for MCh Surgical Oncology Examination in May 2020 at All India Institute of Medical Sciences, Bhubaneswar

- g) Thesis evaluator for MCh Surgical Oncology Examination in May 2020 at Dr. Bhubaneswar Borooah Cancer Institute (BBCI), Guwahati, Assam

#### 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Invited lecture on “Impact of COVID-19 on educating the next generation of surgical oncologists in Low- and Middle-Income Countries (LMIC)” during virtual annual conference of European Society of Surgical Oncology 2020. 23-24th October, 2020.
- b) Conducted a Panel discussion on “Advanced oral cancer” during webinar Series in “Head and Neck Oncosurgery” on October 9, 2020, organized by University of Chicago, and University College of Medical Sciences, New Delhi

### Dr. K. S. Rajkumar Associate Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) Chairperson - Updates on Colorectal Cancer Management – 30/08/2020 – Webinar Organised by SGPGI, Lucknow
- b) Instructor - Workshop on Basic Surgical Skill Course, AIIMS Rishikesh, 8-9 October 2020
- c) Course Coordinator - "introduction to Basic Surgical and Laparoscopy Course", 8-11 February 2021
- d) Nodal Officer for AIIMS Rishikesh-VAIBHAV (Vaishwik Bhartiya Vaigyanik Summit), A global summit of Overseas and resident Indian Scientists and Academicians in October, 2020, Organized by the Government of India & DRDO
- e) Hosted a panel discussion on “Intelligent surgical devices, robotics and technology research” during VAIBHAV summit

- f) Hosted a panel discussion on “Integration of Artificial Intelligence in medical devices” during VAIBHAV summit
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- Participated in the South Asia: Team Building Solveathon Workshop organised by MIT Solve & Global Surgical Training Challenge on 22/09/2020
- 3. Awards & honours received**
- a) International Surgical Advisor of Royal College of Surgeons of Edinburgh
- b) Fellowship of American College of Surgeons
- c) Membership to the Faculty of Surgical Trainers of Royal College of Surgeons of Edinburgh

**Dr Dharma Ram Poonia**  
**Assistant Professor**

- 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- Conducted a Panel discussion “SAHYOG-India” – Integration of software as a medical device in cancer care continuum and beyond during VAIBHAV (Vaishwik Bhartiya Vaigyanik Summit), A global summit of Overseas and resident Indian Scientists and Academicians in October, 2020, Organized by the Government of India



## DEPARTMENT OF SURGICAL GASTROENTEROLOGY



## 8.42 SURGICAL GASTROENTEROLOGY

### Vision

To be the leaders in the field of Gastro-intestinal, hepato-pancreato-biliary sciences and liver transplantation

### Mission & About Department

Our endeavour is to offer clinical and technical skills of highest standards at affordable rates to all strata of the society alike. The department is already one of the biggest and most experienced in the country in terms of its faculty. Complex abdominal surgeries are being performed with outcomes at par with the current international standards. Minimally invasive (laparoscopic/ robotic) surgery and liver transplantation are two areas of special emphasis for the department. The process of starting liver transplantation is already underway, and it will soon see the light of the day. The application process for start of Liver Transplantation has already been submitted to State Government and infrastructure building is currently underway. It will be the first centre to offer liver transplantation in the state of Uttarakhand and among the select few in the country to do so. The department is already performing complex

laparoscopic procedures, it is the preferred approach for most surgeries for non-cancerous as well as cancerous diseases. We intend to become a centre of excellence for laparoscopic surgeries and promote safe laparoscopic surgery training among the surgeons in the adjoining states. Capacity building and training of Surgeons in the adjoining areas will be undertaken to ensure safe surgical practices and timely referral of the needy patients. The department will offer comprehensive care to the patients with digestive diseases by offering integrated services from Surgical and Medical Gastroenterology, dietetics & nutrition, stoma care and patient counselling. Super speciality course (M.Ch) in Surgical Gastroenterology was started in January 2020 with the intake of two students in the session. Seats are offered on bi-annual basis so that more and more number of aspirants can be trained in this higher speciality. At present we have 4 trainees with us. A number of research projects have been proposed by the department and will commence shortly. High quality research and structured resident training program are the priority of the department.

### Department has following members –

Sl.No.	Name of Faculty/SR/JR/Scholar	Designation
1	Dr. Puneet Dhar	Professor and Head
2	Dr. Nirjhar Raj Rakesh	Assistant Professor
3	Dr. Gourav Kaushal	Assistant Professor
4	Dr. Abhishek Agrawal	Assistant Professor
5	Dr. Deepti Ramachandra	SR (Academic)
6	Dr. Anvin Mathew	SR (Academic)
7	Dr. Anuj Goyal	SR (Academic)
8	Dr. Mithun NK	SR (Academic)

### 1) Departmental activities :

#### 1. Academic activities

##### Undergraduate

Classes for Undergraduate students included online classes and interactive sessions on various topics concerning the diseases and disorders of Gastrointestinal system.

##### Postgraduate

MCh programme in Surgical Gastroenterology since January 2020- 4 trainees at present.

#### 2. OPD Services :

OPD Services provided: 412 patients

#### 3. IPD Services :

Total admitted IPD cases: 250 patients

#### 4. Major/Minor OT Services :

Total number of Major OT performed: 128

**5. Special Clinics :**

Tuesday	Bariatric surgery clinic	Dr. Gourav / Dr. Abhishek Agrawal	Weight > 100 kg, Overweight with Diabetes Mellitus/ Hypertension, Obstructive sleep apnea, Osteoarthritis, PCOD, Unable to lose weight despite diet and exercise
Wednesday	Portal Hypertension Clinic	Dr Puneet Dhar/ Dr Abhishek Agrawal	Blood in vomiting/ jaundice/ ascites/ need for liver transplant
Thursday	Pancreas clinic	Dr Nirjhar R Raj	Acute pancreatitis/ Chronic pancreatitis

**6. Health awareness/ educational activities organized by department**

Monthly speciality clinic in Ramakrishna Mission Sevaashram, Kankhal, Haridwar

**7. New initiative of department**

- Submission of Form 12 to State Government for start of Liver Transplantation services
- Complex hepatopancreatobiliary surgeries including hepatectomies, surgeries for portal hypertension etc.
- Start of Thoracoscopic oesophageal surgery including colonic pull up
- Start of advanced laparoscopic surgeries for malignant and benign conditions of Upper GI, Colorectal, Small Intestinal and HPB system
- Speciality services provided to various departments in the institute like Urology, Gynecology, Trauma surgery and Paediatric surgery.

**8. Future plans of department**

Department of Surgical Gastroenterology was established in June 2019 now boasts of one of the most well equipped department anywhere in the country with experienced faculty that rival even decades old established departments in the country. Future plans of department include further strengthening our position by offering advanced laparoscopic and hepatopancreatobiliary procedures. The department has experienced liver transplant surgeons and we aspire to start Liver transplantation services soon and AIIMS, Rishikesh will be the first ever centre in the state to offer this facility. Robotic and Bariatric surgery programme is also under development and will be started soon.

The department will also in the future have many collaborative multicentric research

projects and innovations. We also are working on developing multiple modules for effective training of residents and young surgeons.

**II) Faculty activities****Prof. Puneet Dhar  
Head of Department****1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- Resource person and faculty Weekly national GI Surgery Webinars every Monday Online 8-9 am
- LGS Lecture series: Chronic Calcific Pancreatitis - an overview on 6 April 2020. (Zoom and FB Live)
- LGS Lecture series – Chronic Pancreatitis: Case based discussion Zoom to Mumbai and Facebook live on 8th and 11th April 2020
- Quiz Master: Lockdown quiz on Birds by Digitok on 28 April 2020
- As Moderator “GI Surgery Resident Debate” Synchronous resectable colorectal liver metastasis: Liver First Approach Debate (Go to Webinar Live) on 15 May 2021
- Learning General Surgery LGS Facebook Live Series Case discussion by Resident on 10 June 2020.
- Judged Online Poetry event Pratibimb organised by Rishidharraa – the literary enclave AIIMS Rishikesh on 5 Sep 2020
- Moderator and Resource Person In Refresher Course on Human Rights and Social Inclusion (Jamia University Online) Science and Ethics of Organ Transplant on 14 Sept 2020.

- i) As Faculty: Indian Chapter IHPBA Virtual HPB Pancreas Arena – Panel Discussion on Diagnostic evaluation and management of Pancreatic NETs, Current status, on 17 Oct 2020
  - j) Conducted Clinicopathological Case Conference AIIMS Delhi on 27 Oct 2020 – Undiagnosed Pancreatic lesion
  - k) As Panellist: Decoding GI-HPB Oncology - Theranostics of GEP-NET on 16 Dec 2020
  - l) As Convenor of Panel in National Conference of Association of Surgeons of India (ASICON 2020 Virtual Conference) on Anastomotic leak in colorectal Surgery Insights Perspectives Strategies. 17-18 Dec 2020
  - m) As member National Board of Examinations - Curriculum development workshop of specialty Board in discipline of Surgical Gastroenterology on 11th and 18th Jan (Delhi via Zoom)
  - n) Faculty and Resource person 30th National Conference of Indian Association of Surgical Gastroenterology – Selection committee of Award papers; Judging of free Papers, Char sessions 20-21 Feb 2021
- 2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**  
Panelist in Panels of Vaibhav International Summit (Vaishwik Bharatiya Vaigyanic Summit) 2nd to 31st October 2020
- 3. Awards & honours received**  
Appointed as Coordinator National Webinars of NBE (National Board of Examinations) in the speciality of Surgical Gastroenterology on 11 June 2020

**Dr. Nirjhar Raj**  
Assistant Professor

- 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- a) Resource Faculty for the “Workshop on Basic Surgical Skills Course” for residents of surgical departments on 8th and 9th October 2020
  - c) Resource Faculty for the “Introduction to Basic Surgical and Laparoscopy Course” for residents of surgical departments on 6th and 7th February 2021

**Dr Gourav Kaushal**  
Assistant Professor

- 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- a) Attended ATLS course on 25-27th February 2021 held at AIIMS Rishikesh. Identified as ‘instructor potential’ by the organising team.
  - b) Participated in XXXth national conference (IASGCON virtual) on 21-22nd February 2021
- 2. Awards & honours received**
- a) Completed online research methodology and publishing programme ‘Research to publication’ on 29th September 2020. BMJ and UCSF have assigned 200 hours of CPD/CME credits for this programme.
  - b) Successfully completed a course on ‘Successful presentation’ an online course authorised by University of Colorado Boulder and offered through coursera.

**Dr. Abhishek Agrawal**  
Assistant Professor

- 1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
- a) Panelist in Vaibhav International Summit (Vaishwik Bharatiya Vaigyanic Summit) on 24 October 2020 for the panel on “Integration of Artificial Intelligence in Medical Devices” organized by Government of India.
  - b) Resource Faculty/Instructor for the “Introduction to Basic Surgical and Laparoscopy Course” for residents of surgical departments on 9th February 2021
  - c) Participated in XXXth national conference of Indian Association of Surgical Gastroenterology (IASGCON virtual) on 21-22nd February 2021
  - d) Participated in MCLD 2021 Virtual Conference on 27th and 28th March 2021 on The Multidisciplinary approach to Liver Transplantation

# DEPARTMENT OF TRANSFUSION MEDICINE



CP Donors session



Blood Mobile donation



First Convalescent Plasma collection



Online assessment



## 8.43 TRANSFUSION MEDICINE

The Department of Transfusion Medicine aims to provide safe and effective transfusion services to the needy. It also supports the patients from Uttarakhand, surrounding areas of Uttar Pradesh and Haryana. It has State of Art equipment and technologies for blood collection, processing and testing; diagnostic

and therapeutic facilities with best quality standards. The Department has a postgraduate course in Transfusion Medicine, and is pursuing many multidisciplinary research projects. It is in the process of updating and expanding its spectrum in terms of academic courses and incorporating the latest technologies.

Department has following faculty members:

S.No.	Name of Faculty	Designation
1	Dr. Gita Negi	Additional Professor & Head
2	Dr. Daljit Kaur	Assistant Professor
3	Dr. Ashish Jain	Assistant Professor

### I) Departmental activities:

#### 1. Academic activities

##### Undergraduate

MBBS and Nursing students were taught in Transfusion Medicine.

Teaching is done through lectures and laboratory demonstrations.

Formative & Summative assessment is done as per institutional academic protocols.

Training and teaching BSc MLT students posted during their internship and subsequently assessment is taken at the end of posting.

##### Postgraduate

04 batches July, 2017, January 2018, January 2019, July 2019, July 2020 and Jan 2021 were taught and two batches (July 2017 and Jan 2018) underwent final Pre-University and Final Post Graduation Examination in May 2020 and Nov-Dec 2020 respectively.

##### Teaching and training is done through

Seminars, Journal Club, Webinars, Didactics, Case Discussions, Statistics and Research, Interdisciplinary postings for clinical correlation or applied aspects of Transfusion Medicine

Monthly Internal Assessments consisting of MCQ (clinical vignettes), OSCE/OSPE, Viva voce, One on one Feedback and 360 Feedback.

#### 2. Department Services

##### Blood donations

Whole Blood Donation - 10261

Voluntary Blood Donation Camps- 43

Transfusion Transmitted Infection testing of donors by Chemiluminescence- 10448

##### Blood Issue

25541 [ PRBC- 9907 ; FFP-7651 ; RDP-6070; Cryoprecipitate- 1539; Cryopoor Plasma- 374]

##### Apheresis

Plateletpheresis (SDAP) – 187

Convalescent Plasma units issued - 130

##### Therapeutic procedures

Therapeutic Plasma Exchange – 85 ;  
Therapeutic Phlebotomy – 45

##### Diagnostic Services

Antiglobulin test	- 2216
Blood grouping (OPD/Medical)	- 4443
Blood grouping during compatibility testing	- 40634
Blood grouping (Donors)	- 10448
Cross Matched red cell units	- 15348
Immunohematological work up consisting of Antibody screening / Identification/ Elution testing : Donors - 16 Patients -11	

#### 3. Health awareness / educational activities organized by department

- World Blood Donor day was celebrated. An online poster competition was held.
- Covid awareness was raised by the entire staff through video shared on social platforms.
- Special Mobile Blood Collection Drive was conducted within the hospital premises

but away from the Covid wards and emergency to alleviate the anxiety of voluntary donors and sustain the donated blood pool.

- d) Awareness program on convalescent plasma donation was organized in the institute as well as with military organization.
- e) National Voluntary Blood Donation day was celebrated to spread awareness about voluntary blood donation by organizing camps and paying gratitude to the Camp organizers.
- f) The department had been spreading Awareness about the voluntary blood donation and convalescent plasma donation through print media.
- g) The postgraduate students organized webinars under guidance of Head of the department and faculty at National level as a part of Young Professional Forum.
- h) Many postgraduate students and faculty presented posters and oral papers in the 45th Annual National Conference TRANSCON - 2020 held (Virtual) at Chennai in February 2021.

#### 4. CME / workshop / conference / training organized by department

- a) The Department participated in JG Jolly online teaching program through online mode in collaboration with Department of Transfusion Medicine SGPGI, Lucknow for the students pursuing post-graduation in Transfusion Medicine across whole India. Webinars were held on specific topics and online assessments were successfully conducted through an app at National level.
- b) The Faculty and postgraduate students were invited to 11th Annual CME "Rakt Pravah" of IMA Blood Bank of Dehradun and educational sessions were organized and delivered on 14 March 2021.

#### 5. New initiative of department

- a) Convalescent Plasma collection was started in the department.
- b) A new Blood Bank Software was implemented in the department in the month of January 2021 to employ good transfusion practices in the Institution.
- c) Blood Irradiation facility is being established.

#### 6. Future plan

Blood Irradiation facility for indications like Intrauterine transfusion, Exchange transfusions, for stem cell transplant recipients for immunocompromised patients etc.

- a) To start the facility of thromboelastography for monitoring the functional hemostatic status of the patients.
- b) To start the HLA typing and crossmatching facility.
- c) To start Cryopreservation of Stem cells facility.
- d) To start a Blood collection facility in a fully equipped mobile van.
- e) To adopt Pneumatic tube system for receiving and dispensing blood units.

#### II) Faculty activities:

##### Dr. Gita Negi Additional Professor

#### 1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

- a) CME- "Webinar on Innovative Teaching-Learning Methods" on 19 September 2020- Sikkim Manipal Institute of Medical Science, Gangtok, Sikkim- Guest lecture on case based learning
- b) Examination coordinator in National level JG Jolly online teaching program (In Transfusion Medicine) conducted by SGPGI – all modules throughout the year
- c) Resource person- Basics of blood transfusion in Nursing staff induction- 8th July 2020 AIIMS Rishikesh
- d) Resource person- Conflict management session- 23rd June 2020 Orthopedics department faculty AIIMS Rishikesh
- e) Coordinator MBBS Orientation program- January 2021
- f) Resource person for sessions on-
  - Introduction to Mentorship
  - Cultural and extracurricular Activities- Humanities (Doodling Art)
  - Empathy, Altruistic behaviour and 360-degree feedback, Conflict management
- g) Resource person- 'Humanities in Medicine'- Interns orientation program- 3-1-2021

2. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

“International Health Humanities Conference” on the theme, “Designing Pedagogy for Medical Humanities” held on 10th– 12th September 2020 at Sri Siddhartha Institute of Medical Sciences & Research Centre, Bengaluru

3. **Awards & honours received**

- a) Selected as NABH Assessor for Blood Banks by Blood Bank Division of Quality Council of India.
- b) Covid Warrior award (For blood donation services in Covid) -Helping Hands Rishikesh- October 2020
- c) Covid Warrior award (For blood donation services in Covid) -Blood volunteers Haridwar- January 2021

**Dr. Daljit Kaur**  
**Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Participated as a Speaker for the topic ‘Intrauterine Transfusion and Maternal Red cell alloimmunization’ in the 45th Annual National Conference ‘TRANSCON - 2020’ held (Virtual) at Chennai in February 2021.

c) **Awards & honours received**

Successfully completed the first year of fellowship for Medical Education-FAIMER (Foundation for Advancement of International Medical Education and Research).

Selected as NABH Assessor for Blood Banks by Blood Bank Division of Quality Council of India.

**Dr. Ashish Jain**  
**Assistant Professor**

1. **Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

a) Resource faculty in JG Jolly online teaching program conducted by SGPGI and delivered presentation on Reagents used in Immunohematology on 27 November 2020

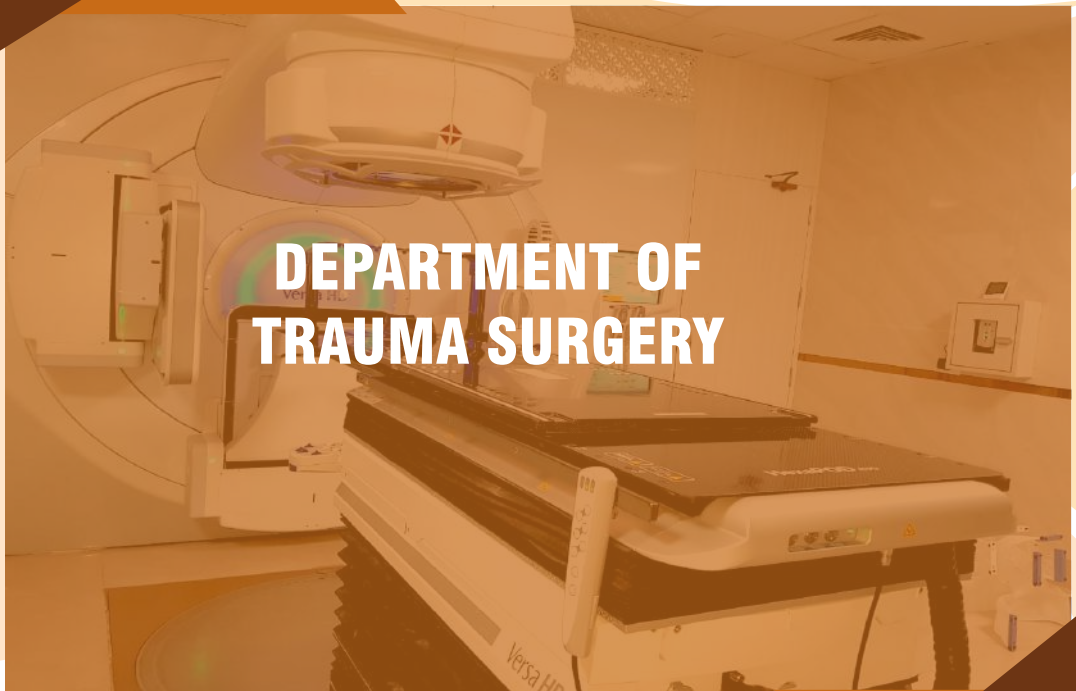
b) Presented poster in Transcon 2021 on topic “Quality Analysis of Buffy Coat Pool Platelet Concentrates; Experience of tertiary care center in North India on 27 February 2021

c) Resource faculty in 11 Annual CME “Rakt Pravah” of IMA Blood Bank of Dehradun and delivered guest lecture on Platelet Transfusion in Clinical Practice on 14 March 2021.

2. **Awards & honours received**

a) Awarded degree of Post Graduate Diploma in Medical Law & Ethics, a distance learning program of National Law School of India University

b) Awarded online certification for successfully completing Basic Course in Biomedical Research in SWAYAM Portal of Government of India jointly conducted by National Institute of Epidemiology -ICMR, Chennai, Tamil Nadu, India



## 8.44 TRAUMA SURGERY

### Our Mission

To render timely care of international standard to trauma victims

### Our Vision

a) To create an excellent academic and educational milieu for didactic teaching, interactive training and path breaking research.

b) To provide a platform for social awareness, we will consistently participate in integration of polytrauma victims in society.

c) We at the Trauma Centre, AIIMS Rishikesh work with the objectives of providing all patients with world class trauma care.

Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Md. QuamarAzam	Professor
2	Dr. Ajay Kumar	Assistant Professor
3	Dr. Bhaskar Sarkar	
4	Dr. Madhur Uniyal	

### I) Departmental activities :

#### 1. Academic Postgraduate

Day	Academic activities	Moderator
Monday (09:30- 10:30)	Weekly Census and Important Case Discussion by M.Ch. as per schedule, based on curriculum	Faculty Trauma Surgery
Wednesday (16:00 -17:00)	Topic presentation by SR Ortho Trauma as per scheduled	Faculty Ortho Trauma
Wednesday (09:30- 10:30)	Topic presentation by M.Ch. as per schedule, based on curriculum	Faculty Trauma Surgery
Thursday (16:00 -17:00)	Journal club by SR Ortho Trauma - recent articles (previous 3 years) from journal with I.F. more than 2	Faculty Ortho Trauma
Friday (08:3 to 09:30)	<ul style="list-style-type: none"> <li>1st Friday :Thesis update by M.Ch. students Seminar</li> <li>2nd Friday :Thesis update by M.Ch. students Seminar</li> <li>3rd Friday :Teaching Training with Nursing staff &amp; Protocol discussion</li> <li>4th Friday : Mortality &amp; Morbidity &amp; Protocol update</li> </ul>	Dr. Md. Quamar Azam
Saturday (08:30- 09:30)	<ul style="list-style-type: none"> <li>Pre-op &amp; Post-op follow up of Ortho Trauma</li> <li>Publication update</li> </ul>	Faculty Ortho Trauma
Saturday (01- 02:00 pm)	Journal club by M.Ch. - recent articles (previous 3 years) from journal with I.F. more than 2 under the ACTION project every fortnight	Faculty Trauma Surgery
Last Working Day	<ul style="list-style-type: none"> <li>M.Ch. monthly assessment</li> <li>PG Module Assessment/ Interactions</li> </ul>	Faculty Trauma Surgery

**Undergraduate**

- a) Didactic lectures on topics related to Orthopaedic Surgery and Trauma Surgery
- b) Daily bed-side teaching of students during their clinical postings in the department
- c) Demonstration of clinical methods during OPD
- d) Online classes on various topics related to trauma and orthopaedics during COVID 19 pandemic

**2. OPD Services**

- a) Ortho Trauma OPD in Ortho OPD on Tuesdays and Thursdays
- b) Trauma Surgery OPD on Everyday

**3. Special Clinics**

- a) Amputation Clinic (Monday 11am -12pm)
- b) Spine Trauma Clinic (Friday 2pm-4pm)
- c) Pelvi-acetabular Trauma Clinic (Tuesday 2pm-4pm)

**6. CME/ workshop/ conference/training organized by department**

S.N.	DATE	WORKSHOP/CME/CONFERENCE/TRAINING	REMARKS
1	17.10.2020	World Trauma Day, 2020	Organizing Secretary: Dr. Bhaskar Sarkar Organizing Chairman : Prof. Md. Quamar Azam
2	2020-2021	3 ATLS Course, 1 ATLS Instructor Course and 2 ATCN Course	Prof. Md. Quamar Azam Dr. Amulya Rattan Dr Ajay Kumar

**7. New initiative of department**

- a) Started Two New Wards for Trauma Victims in Trauma Centre
- b) Started HDU for Trauma Victims in Trauma Emergency Department
- c) Starting to use the Mini-OT in ED for procedures like Closed reduction of fractures, Dressing of Open wounds, suturing, K-wiring for small bone fractures etc. under moderate sedation
- d) Started our own Website <http://www.aiimsrishikeshtrauma.org/> after permission of our Hon'ble Director sir and it is also linked with our institute's website.
- e) Started ACTION project for academic collaboration with international faculty
- f) Started Two 24X7X365 days Trauma OT for Trauma Victims

- d) Shoulder Specialty Clinic (Tuesday 2pm-5pm)

**4. IPD Services**

- a) Trauma Ward: D3= 29 beds D1= 28 beds
- b) ICU(Level3 – D1) = 14 beds
- c) HDU Trauma Ward: 6 beds in ED

**5. Health awareness/ educational activities organized by department**

- a) Trauma Blood Donation Camp : Organized on Occasion of World Trauma Day 2020 for Awareness of Blood Donation
- b) Panel discussion, participated by clinicians, administrators and bureaucrats alike, as part of Trauma Preparedness Workshop
- c) Mock-drilling of mass-casualty situations with Nursing officers and residents
- d) Mock-drilling of ATLS protocols for Nursing officers and residents

- g) Trauma Toy bank was new initiative started by our department which gain lot of appreciation.
- h) Started "Coffee with consultant" theme based learning program which gave better interaction with other departments.
- i) Started Simulation training of nurses in USG
- j) Started using the Trauma Surgery Ward in ED as High-Dependency Unit with a number of critically ill patients on ventilator being managed by Trauma Surgery and Critical Care Unit
- k) Regularising the ATLS and ATCN courses and conduct it every month (withheld in view of covid pandemic)
- l) Amputation clinic started on every Monday

**8. Any other activities / achievement by Department**

- a) Won bidding to host ATLS Region XVI 2020 meeting at AIIMS Rishikesh
- b) Got permission to start :
  - MCh in Sports Injury program under department of Trauma surgery
  - PDCC Course in Trauma Orthopaedics

**9. Future plan**

- a) Multiple academic programmes of international-level curriculum are in the lane
- b) Making the ICU and HDU functional in Trauma Centre
- c) About to start our own journal and Trauma Bulletin
- d) We are also working on Sports Injury Center and Spinal Injury Center
- e) Establish the Trauma Center as AO Trauma and AO Spine center
- f) To prepare cadaveric/Simulation Training Lab of the department
- g) Working to start state of art Hybrid OT in Trauma Centre
- h) Creating a dedicated team of health care professionals who are ready to provide state of the art health care with passion
- i) Outreach programs to spread awareness among general population for prevention of trauma
- j) Satellite centers in different parts of Uttarakhand to decentralize quality healthcare to different parts of the state
- k) Collaboration with other engineering institute to develop patient tracking tool.
- l) Working with apex governing body to develop Trauma registry of international standard.

**II) Faculty activities :**

**Prof. Md. Quamar Azam**  
**Professor and Head, Trauma Centre**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Organised AO Trauma Hybrid Course on 12/12/2020

- b) Participated World Trauma Day 2020 which involved various activities to bring awareness of blood donation
- c) Participated in ACTION project under the guidance of Director sir and Prof Azam Sir "A Tri- National E- Learning Platform"

**Dr. Bhaskar Sarkar**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Organized World Trauma Day 2021 which involved various activities to bring awareness of blood donation
- b) Participated in ACTION project under the guidance of Director sir and Prof Azam Sir "A Tri- National E- Learning Platform"

**Dr Ajay Kumar**  
**Assistant Professor.**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Started ACTION (Academic Co-operation for Trauma-care in India-through Online Network ) project under the guidance of Director sir and Prof Azam Sir "A Tri-National E- Learning Platform" in Collaboration with NHS, United Kingdom for academic enhancement in Trauma Care.
- b) Become ATLS instructor and organise successful ATLS programme in Feb 2021
- c) Participated in ATLS organised by our Department.
- d) Participated in World Trauma Day 2020 which involved various activities to bring awareness of blood donation

**2. Awards & honours received**

- a) Awarded as ATLS instructor

**Dr Madhur Uniyal**  
**Assistant Professor**

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Advanced Trauma Life Support (ATLS) Course Director since 2021
- b) Non Covid Emergency Incharge with effect from 19-04-2021
- c) Additional Medical Superintendent and Spokesperson Rifleman Jaswant Singh Rawat 500 bedded Covid Care Hospital established by DRDO and Uttarakhand Government at IDPL Rishikesh inaugurated on 26th May 2021
- d) Trauma 2020 Virtual Conference organized by AIIMS Delhi as Judge in Resident Paper Award Session on 4th December, 2020
- e) Uttarakhand Police Trauma Training January 2020 in AIIMS Rishikesh as Organizing Secretary
- f) Nodal Officer for State of Uttarakhand during COVID Pandemic
- g) Participated in World Trauma Day 2020 which involved various activities to bring awareness of blood donation.

**2. Awards & honours received**

- a) Best Teacher Award AIIMS Rishikesh Sept 2020
  - b) Certificate of appreciation for services in COVID 19 management by Municipal Corporation of Rishikesh
  - c) Certificate of appreciation for services in COVID 19 management by IMA
  - d) Certificate of appreciation for services in COVID 19 management by Rotary Club Central
  - e) Certificate of appreciation for services in COVID 19 management by Lion's Club International
  - f) Corona Warrior by Lion's Club International
-



# DEPARTMENT OF UROLOGY



Inauguration of Advanced Urology Center-03



Renal transplant inspection of AIIMS Rishikesh-02



International Conference with experts



Mch Exam Virtually with experts photos-02



Mch Exam Virtually with experts photos-1

## 8.45 UROLOGY

### Vision

Our core values are excellence, compassion, respect, and delivery, with learning and constant improvement in standards. Collaboration and partnership are also central to our approach in delivering our fundamental activities of patient care, teaching and research. We will take pride in the quality of care we provide, putting patients at the heart of what we do and recognizing different needs, encouraging a spirit of support, respect and teamwork, ensuring that we act with integrity, going the extra mile and following through on our commitments, establishing systems and processes that are sustainable. We aim to deliver, learn and continuously improve.

### Mission:

- To inspire hope and contribute to the health and well-being by providing the best care to every patient through integrated clinical practice, education and research.
- To excel in specialized urological care supported by comprehensive research and education.
- To develop, apply, evaluate and share new technology.
- To attract the best qualified medical, scientific and support staff.

### Department has following faculty members –

Sl.No.	Name of Faculty	Designation
1	Dr. Kim Jacob Mammen	Professor
2	Dr. Arup Kumar Mandal	Professor
3	Dr. Ankur Mittal	Associate Professor
4	Dr. Sunil Kumar	Assistant Professor
5	Dr. Vikas Kumar Panwar	Assistant Professor
6	Dr. Shiv Charan Navriya	Assistant Professor
6	Dr. Shanky Singh	Assistant Professor

### I) Departmental activities :

#### 1. Academic Undergraduate

- Academic lectures for MBBS students 2017. (Annexure-I)
- Academic and Clinical Posting of Batch 2016, 2018 in department of Urology. (Annexure-II)

#### Post graduate

MS [General Surgery]

- Clinical Rotation for two months
- Supervised OPD and Inpatient responsibilities
- Topic Presentations for Seminars
- Bed side clinics & teaching rounds
- Emergency on-call responsibilities under supervision
- Supervised surgical Training in OT

#### M.Ch [Urology]

- Supervised OPD and Inpatient responsibilities
- Topic Presentations for Seminars
- Bed Side clinics & teaching rounds

- Emergency on-call responsibilities under supervision
- Supervised Surgical Training in OT
- Facilitating in various research activities (Publications and awards)
- Facilitating presentations in National /International conferences.

### 2. OPD Services

Consultants	Day of Week
Dr. Arup Kumar Mandal	Monday, Wednesday, Friday
Dr. Ankur Mittal	Tuesday, Thursday, Saturday
Dr. Sunil Kumar	Monday, Wednesday, Friday
Dr. Vikas Kumar Panwar	Tuesday, Thursday, Saturday
Dr. Shiv Charan Navriya	Monday, Wednesday, Friday
Dr. Shanky Singh	Tuesday, Thursday, Saturday

**3. IPD Services**

No of beds	20
Average bed occupancy	100%
Patients Admission	Approx. 50-60
patients admitted in IPD per month (Total = 663)	

**4. Diagnostic services:**

Uroflowmetry	418
Urodynamics	32
ESWL	15

Image guided Interventions(Retrograde Urethrogram, Micturating Cystogram, Prostatic biopsy, Nephrostogram)	270
Total	735

**5. Major/Minor OT Services**

No of Major OT (Routine + Emergency)	418
No of Minor OT	88

**6. Special Clinics**

Day of Week/ time	Specialty Clinic	Consultant in charge	Consult, if you have following issues...
Tuesday 2-4 pm	Female Pelvic Medicine and Neurourology Clinic	Dr. Ankur Mittal	Urinary incontinence, pelvic organ prolapse, lower urinary tract symptoms, Urogenocological fistulae
Thursday 2-4 pm	Men's health Clinic	Dr. Arup Kumar Mandal Dr. Vikas Kumar Panwar	Infertility, erectile dysfunction, premature ejaculation, prostatitis
Monday 2-4 PM	Renal Transplantation & vascular access	Dr. Arup Kumar Mandal Dr. Sunil Kumar Dr. Shiv Charan Navariya	Renal failure dialysis access and renal transplant
Tuesday 2-4 PM	Renal Transplantation & vascular access	Dr. Ankur Mittal Dr. Vikas Kumar Panwar Dr. Shanky Singh	Renal failure dialysis access and renal transplant

**7. Health awareness/ educational activities organized by department**

1. Health awareness talk on Doordarshan Uttarakhand by Dr Ankur Mittal on carcinoma prostate on 26th Feb 2021.
2. Health awareness talk on Doordarshan Uttarakhand by Dr Shiv Charan Navariya on Renal stone disease on 12th Jan 2021.
3. Awareness on Renal stone disease in various newspapers on 13th October 2020.
4. Awareness on Urooncology in various newspapers on 5 November 2020.
5. Awareness on Renal transplantation in leading newspapers on 9 December 2020.
6. Awareness on Extracorporeal shockwave lithotripsy for renal stone disease in various newspapers on 29th Jan 2021.

**8. CME / workshop / conference / training organized by department**

Carcinoma Prostate in 2020: Evolution Over a Decade Webinar held on August

23rd, 2020 Organized by All India Institute of Medical Sciences, Rishikesh in association with Robotic Urology Forum and Uttarakhand Urology Society.

**9. New initiative of department**

1. Expansion of Robotic Surgery department of Urology (approximately 300 robotic surgeries)
2. Speciality Clinics reinforcement (Female pelvic medicine, Neuro-urology)
3. Speciality clinic on Renal transplantation and vascular access initiated.
4. Functionality of Advanced Urology center in the department on 26th January 2021.
5. Functionality of Lithotripsy center in the department.
6. Functionality of Image guided intervention center in the department.
7. Functionality of Videourodynamic lab in the department.
8. BSc Urology technology degree course initiation.

**9. Setting up of Departmental library.****10. Other activities / achievement by Department (1st April 2020 to 31st March 2021)**

- a) Better Urooncology care to patients.
  1. Better Stone care to patients.
  2. Robust virtual teaching program in Covid 19 pandemic
  3. Various module based learning with external experts on board.
  4. Multi-institutional collaborative research projects planned with Institutes of national importance.
  5. Renal transplant and organ retrieval approval by state appropriate authority to AIIMS Rishikesh on 8th January 2021.
  6. Ambulatory Urodynamics Services for patients of neurourology and functional urology domain.
  7. Submitted a six year integrated MCh Urology course after undergraduation to academic council for approval.

**11. Future plan**

- a) Working on initiation of Organ Retrieval programme.
- b) Developing AIIMS Rishikesh as (SOTTO).
- c) Working on initiation of renal transplantation.
- d) Working on ensuring a robust advanced Urology Centre (DRF centre, ESWL facility and UDS facility)
- e) To Start Robotic Fellowship in Urooncology.
- f) To initiate six year integrated MCh Urology course for undergraduates after academic council approval.
- g) Initiating BSc Nursing in Urological domain in AIIMS Rishikesh.

**Dr. Arup Kumar Mandal  
Professor****1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Webinar on "Carcinoma Prostate in 2020: Evolution Over a Decade", organised by All India Institute of Medical Sciences Rishikesh, in association with Robotic

Urology Forum and Uttarakhand Urology Society, August 23, 2020. Convener

- b) USI-ISU (Urological Society of India – Indian School of Urology) Webinar on: "Image guided interventions in Urology: Are we ready to take on the intervention radiologists?" Expert comments, November 1, 2020 (1700 to 2030 hrs).
- c) NZUSICON 2020 (30th Annual Conference of North Zone Chapter of Urological Society of India, January 22 – 24, 2021, held on a unique virtual platform with 3D animation): Chaired scientific session on Recent Updates in Female Urology, January 24th (1350 – 1450 hrs).
- d) USICON 2021 (54th Annual Conference of Urological Society of India, February 12-14, 2021 held on virtual 3D platform): Chaired Scientific session on "Suction in stone management a gimmick or reality" (point counter point session, Residents Forum), February 14 (1200 – 1300 hrs)

**II) Faculty activities:****Dr. Ankur mittal  
Associate professor & Head****1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

1. Invited as a panelist in Cipla – Advisory board on Enzalutamide webcast on 24th May 2020.
2. USI-ISU (Urological Society of India – Indian School of Urology) Webinar on: "TURBT Unravelling": Delivered talk on multiple superficial bladder tumors (9th June 2020)
3. Urological Society of India – Youth conclave webinar on: "Urooncology": participated as a Speaker in Robotic Radical Cysto Prostatectomy (Semi live video), (14th June 2020).
4. North zone chapter of Urology society of India webinar on: "Urology post graduate teaching session -3": participated as a moderated, 5th July 2020.
5. USI-ISU (Urological Society of India – Indian School of Urology) Webinar on: "Neurovesical dysfunction" participated as a panelist (10th July 2020)

6. Robotic urology forum (RUF) webinar on: "Robotic radical cystectomy and urinary diversion": delivered talk on patient positioning and instrumentation in RARC (17th July 2020)
  7. Department of biochemistry AIIMS Rishikesh organized a session for MBBS 1st year : "Anticancer drugs": participated as moderator on 1st September 2020.
  8. USI-ISU (Urological Society of India – Indian School of Urology) Webinar on: "Uro-oncology": delivered talk on Flare phenomena (17th September 2020).
  9. All India Institute of medical sciences (AIIMS New Delhi) webinar on: "Uro-oncology": delivered talk on Advances in chemotherapy in NMIBC (19th September 2020)
  10. Department of biochemistry AIIMS Rishikesh organized a session : "Prostate Cancer - Genetics & Biology" participated as invited resource faculty on 23rd September 2020.
  11. North zone USI (NZUSI) webinar on: "Best of EAU uro-oncology": delivered talk on Renal cell carcinoma (26th September 2020)
  12. Uro-oncology webinar organized by BL Kapoor, New Delhi : "Hormone sensitive prostate cancer": invited as a guest speaker (30th September 2020)
  13. Genito Urinary Module for PDCC in Cross Sectional body imaging organized on virtual platform by Department of Radiology AIIMS Rishikesh: invited as mentor / moderator for these session, October 2020.
  14. Moderated a Live Robotic websurg on Robotic VEIL organized by Kokilaben Dhirubhai Ambani Hospital, Mumbai on 10th October 2020.
  15. Delivered a talk on UTI in women: myths and mysteries, organized by UPRSS on 31st October 2020
  16. Moderated a session on Stress urinary incontinence organized by Urological Society of India – Indian School of Urology on 5th December 2020
  17. Cancer research and statistic foundation with RGCI Delhi organized webinar : "Treatment and management of renal cell carcinoma in new millennium 2021 and beyond." participated as chairperson on 15th January 2021.
  18. NZUSICON 2020 (30th Annual Conference of North Zone Chapter of Urological Society of India, January 22 – 24, 2021, held on a unique virtual platform with 3D animation): participated as convener session on Female Urology, January 24th 2021
  19. NZUSICON 2020 (30th Annual Conference of North Zone Chapter of Urological Society of India, January 22 – 24, 2021, held on a unique virtual platform with 3D animation): delivered a talk on Surgical treatment of Female urethral stricture: a video, January 24th 2021
  20. NZUSICON 2020 (30th Annual Conference of North Zone Chapter of Urological Society of India, January 22 – 24, 2021, held on a unique virtual platform with 3D animation): delivered a talk on Basics of Trans rectal Ultrasound, January 24th 2021
  21. Invited as a panelist in ZyduScadila – Advisory board on Enzalutamide webcast on 4th Feb 2020.
  22. USICON 2021 (54th Annual Conference of Urological Society of India, February 12-14, 2021 held on virtual 3D platform): participated in Debate (Pyeloplasty the best way to do – Robotic), February 14 2021.
1. **Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**
    - a) Carcinoma Prostate in 2020: Evolution over a Decade International Webinar held on August 23rd, 2020 Organized by All India Institute of Medical Sciences, Rishikesh in association with Robotic Urology Forum and Uttarakhand Urology Society. Convener
    - b) Apollo hospital Kolkata in collaboration with guys hospital London organized international webinar on: " Prostate cancer grand rounds": participated as panelist, 21st November 2020.
  3. **Awards & honours received**  
Renal Transplant observership in SGPGI Lucknow from 15th March to 20th March 2021.

**Dr. Sunil Kumar**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Resource faculty in webinar on 'Behavioural therapy for overactive bladder' on 18th May 2020

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Resource faculty in webinar on 'Case based scenario: 66 years of Renal Transplantation: Trials and triumphs. A tribute to Prof. Peter Morris' on 13th June 2020

**Dr. Vikas Kumar Pnawar**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Panellist in Live session- Renal cell carcinoma in NZUSICON 2020
- b) National faculty in online webinar- 'Image guided interventions in Urology, Topic- Indications of renal biopsy, organised by Urological society of India
- c) Participated as Panellist in online webinar- Carcinoma prostate in 2020: evolution over a decade ,topic- Castrate resistant prostate cancer organised by AIIMS Rishikesh in association with Robotic Urology Forum and UKUS
- d) National faculty in online webinar- Diagnostic modalities in Ca prostate, Do we have too many or too less: Topic- Advancements in cross sectional imaging of prostate organised by USI-ISU
- e) Participated as Panellist in Online webinar- 'PCNL REBOOT' organised by Uttarakhand Urological society

**2. Awards & honours received**

Awarded Smriti Patrika for excellent public service during the covid 19 pandemic and in the lockdown period by All India

Institute of Medical Sciences Rishikesh on date 28-03-2021

**Dr. Shiv Charan Navriya**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

- a) Invited as speaker and delivered scientific talk on "Oligometastatic Prostate Cancer – Challenges in Management" webinar organized by Uttarakhand Urology Society [UKUS] on 5th June 2020.
- b) Participated as panellist in webinar on "Carcinoma Prostate in 2020: Evolution over a decade" organised by Department of Urology, AIIMS Rishikesh.
- c) Delivered a scientific talk on "surgical management of complicated UTI" webinar organised by Department of Urology, AIIMS Patna.

**2. Participated in International CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Invited as speaker and delivered scientific talk on "Kidney Preservation Strategies for Renal Transplantation" at the Webinar organised by Global Nephrologists Forum held on October 15, 2020.

**Dr. Shanky Singh**  
Assistant Professor

**1. Participated in National CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)**

Carcinoma Prostate in 2020: Evolution over a Decade Webinar held on August 23rd, 2020 Organized by All India Institute of Medical Sciences, Rishikesh in association with Robotic Urology Forum and Uttarakhand Urology Society.

# RESEARCH SECTION



## 9 Research Section

All India Institute of Medical Sciences, Rishikesh was established by an act of Parliament with mission of achieving excellence in patient care, teaching and training and research. Medical research is becoming increasingly important given ever-growing burden of diseases and urgent need to find new ways to improve health of people. Research is a major thrust area at institute with Faculty, scientists, and postgraduates students all being engaged in clinical and basic research. Research Section at AIIMS was established to promote a vibrant research

culture in institute, train faculty, students and scientists in research methodology, and facilitate world-class research at institute. Research cell is nodal facilitator point for supporting research at AIIMS. One of administrative functions is to coordinate activities of intramural/extramural research projects funded by various national/international agencies. It is accountable for efficient administration, management of research funds, appointment of research staff, payment and purchase of equipment etc.

### Research Cell has following members & staffs – Research Review Board (Intramural/Extramural)

S. No.	Name of Faculty	Designation
1	Dr. Sriparna Basu	Professor
2	Dr. Shailendra Handu	Professor
3	Dr. Pratima Gupta	Professor
4	Dr. Puneet Dhar	Professor
5	Dr. Girish Sindhwani	Professor
6	Dr. Debarati Chattopadhyay	Associate Professor
7	Dr. Ranjeeta Kumari	Additional Professor
8	Dr. Vasantha Kalyani	Associate Professor
9	Dr. Shailesh Vasantrya Parate	Associate Professor
10	Dr. Prashant Pranesh Joshi	Assistant Professor
11	Dr. Amit Kumar	Assistant Professor
12	Dr. Yogesh Arvind Bahurupi	Assistant Professor
13	Dr. Ashwini A Mahadule	Assistant Professor
14	Dr. Amit Sehrawat	Assistant Professor
15	Mrs. K Rajarajeshwari	Assistant Professor /Lecturer
16	Dr. Sheetanshu Kumar	Assistant Professor
17	Dr. MayankPriyadarshini	Assistant Professor
18	Dr. Sonal Saran	Assistant Professor
19	Dr. Mayank Mishra	Additional Professor
20	Dr. Mritunjai Kumar	Assistant Professor
21	Dr. Navin Kumar	Assistant Professor
22	Dr. RajlaxmiMundra	Assistant Professor
23	Dr. Itish Patnaik	Assistant Professor

### Research Review Board (MD/MS/DM/Mch/MPH/MSc) Thesis

S.No.	Name of Faculty	Designation
1	Dr. Manoj Gupta	Professor
2	Dr. Farhanul Huda	Additional Professor
3	Dr. Anisa Atif Mirza	Additional Professor
4	Dr. Minakshi Dhar	Additional Professor
5	Dr. Nilotpal Chowdhary	Additional Professor
6	Dr. Ashi Chugh	Additional Professor
7	Dr. Puneet Dhamija	Additional Professor
8	Dr. Arun Goel	Additional Professor
9	Dr. Deepa M Joseph	Associate Professor



10	Dr. Vishal Dhiman	Associate Professor
11	Dr. Ashok Singh	Associate Professor
12	Dr. Neeti Gupta	Associate Professor
13	Dr. Pradeep Agarwal	Associate Professor
14	Dr. Santosh Kumar	Associate Professor
15	Dr. Vijay Krishnan	Assistant Professor
16	Dr. Vikas Kumar Panwar	Assistant Professor
17	Dr. Ashish Jain	Assistant Professor
18	Dr. Gourav Kaushal	Assistant Professor
19	Dr. Nirjhar Raj Rakesh	Assistant Professor
20	Dr. Prakhar Sharma	Assistant Professor
21	Dr. Manish Kumar Gupta	Assistant Professor
22	Dr. Enono Yhoshu	Assistant Professor
23	Dr. Amrita Gaurav	Assistant Professor
24	Dr. Poonam Singh	Assistant Professor
25	Dr. Jitender Chaturvedi	Assistant Professor
26	Dr. Amit Kumar Tyagi	Assistant Professor
27	Dr. Mahendra Singh	Assistant Professor
28	Dr. Kiran Meena	Assistant Professor
29	Dr. Mridul Dhar	Assistant Professor
30	Dr. Rupinder Deol	Assistant Professor
31	Dr. Gitanjali Khorwal	Assistant Professor
32	Dr. Pooja Bhadoria	Assistant Professor
33	Mrs Xavier Belsiyal	Assistant Professor
34	Dr Meenakshi Khapre	Assistant Professor

#### Research Review Board (Undergraduate)

S. No.	Name of Faculty	Designation
1	Dr. Puneet Dhar	Professor
2	Dr. Gita Negi	Additional Professor
3	Dr. Ajeet Singh Bhadoria	Assistant Professor
4	Dr. Lokesh Kumar Saini	Assistant Professor
5	Dr. Mohit Bhatia	Assistant Professor
6	Dr. Bela Goyal	Assistant Professor
7	Dr. Rakesh Sharma	Assistant Professor
8	Dr. Shazia Hasan	Assistant Professor
9	Dr. Bhavna Gupta	Assistant Professor
10	Dr. Smita Sinha	Assistant Professor

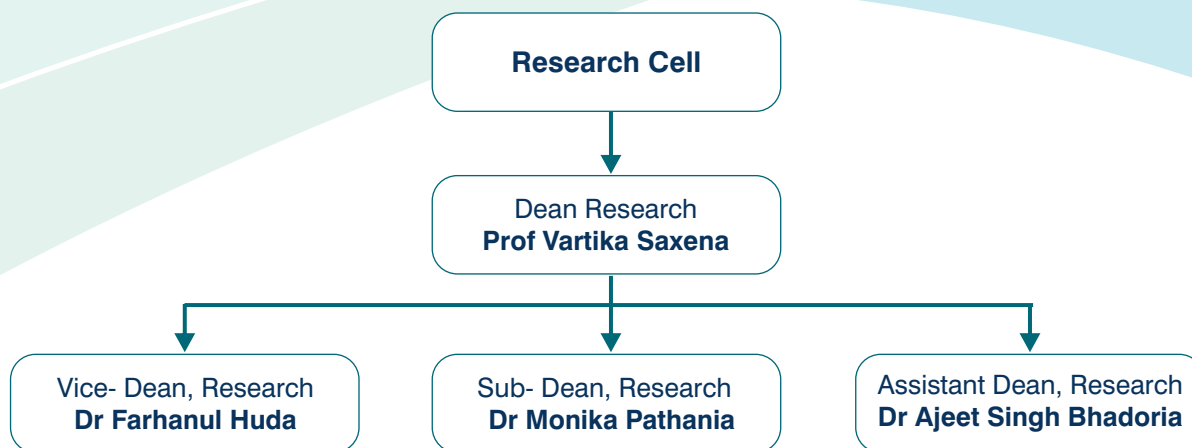
#### Mission

Research is a major thrust area at AIIMS Rishikesh Faculty, Scientists, Postgraduates and Undergraduate students are all engaged in clinical and basic science research. The research environment is high spirited at the institute.

The Research Cell at AIIMS Rishikesh was established to promote a vigorous research culture in the institute, train faculty, students and scientists in research methodology, and facilitate world class research at the institute.

The Research Cell is the nodal facilitator point for supporting research at AIIMS Rishikesh. Deanery Research comprises of Dean Research, Vice- Dean Research, Sub- Dean Research and Assistant-Dean Research who coordinate all the activities of intramural / extramural research projects funded by Institute itself or various national/international agencies like ICMR, DST, DBT, Ministry of Health & F.W., WHO etc. Its Main aim is to, Advance and translate research leading to the discovery of knowledge to improve population health throughout the world.

## Organogram



### List of Projects details

Sl. No.	Category	No. of projects (2019-2020)	No. of projects (Year 2020-2021 till 31st March 2021)
1.	Intramural projects (Non-Funded)	148	241
2.	Intramural projects (Funded)	50	84
3	Extramural Projects	08	24
4	Short term Student(STS) projects	03	24
5	Total grant Intramural (Disbursed)	3,07,10,609/-	
6	Total grant Extramural (Received)	3,27,88,766/-	

### New initiative of department

- a) Research Review Board meetings (Intramural / Extramural / Thesis / UG) are conducted every Monday to avoid the delays in the initiation of the project work.
- b) Faculty members can now submit their research projects round the year.
- c) Fast track weekly Review Board meetings

### Other activity / achievement by department / cell

- a) Research proposals are reviewed by Research Review Board. Modifications / corrections
- b) are advised to Principal Investigator by Research Review Board every Monday.
- c) A total:
- d) 43 Research Review Board Meeting (Intramural/Extramural) have been conducted in the year.
- e) 29 Research Review Board Meeting (Thesis) have been conducted in the year.
- f) 10 Research Review Board Meeting (Undergraduate) have been conducted in the year.

- g) For the promotion of research work among UG students competitions and scholarships are
- h) granted to the students for their exemplary work.

### Future plan

- a) Online research proposal submission and review portal
- b) Research Day celebration and facilitation of eminent researchers involved
- c) Regular calls for research proposals

S. No	Protocol Title	Principal Investigator	Department	Funds Sanctioned
1	Effects of Cinnamon Consumption on Glycemic Status and Lipid Profile in Type 2 Diabetic Patients: Randomized Double Blinded Placebo Controlled Trial	Dr. Suresh K Sharma	College of Nursing	500,000
2	Prevalence of HPV in Esophageal Squamous Cell Cancers (ESCC) and its Impact on Staging and Management: A Prospective Cohort Study	Dr. K.S. Rajkumar	Surgical Oncology	230,500
3	Developmental Strategies to Reduce Caesarean Delivery Occurrence with the View of Health Care Professional and Beneficiaries in Uttarakhand: A Sequential Exploratory Mixed Methods Study	Mrs. Prasuna Jelly	College of Nursing	102,500
4	Predictors of Hypoglycaemic Episodes among Insulin Treated Diabetics in Uttarakhand, India	Dr. Meenakshi Khapre	Community & Family Medicine	162,975
5	Efficacy of Yoga Therapy vs. Lifestyle Modification for Management of Polycystic Ovarian Syndrome in 19-45 year Females; A Randomized Controlled Trial	Dr. Vartika Saxena	Community & Family Medicine	499,500
6	A Randomized Controlled Non-inferiority Trial to Evaluate Flap Capillary Blood Markers to Predict Flap Success	Dr. Mohd Altaf Mir	Burn & Plastoc Surgery	292,125
7	Efficacy of Dexmedetomidine as an Adjuvant to Bupivacaine in Ultrasound-guided Erector Spinae Block for Postoperative Analgesia in Spine Surgery: A Randomized Control Study	Dr. Ashutosh Kaushal	Anaesthesiology	105,000
8	Expression of T Regulatory Cells in Patients with Multiple Myeloma: A Pilot Study	Dr. Harish Chandra	Pathology	500,000
9	Comparative Evaluation of Two Automated ID/AST Systems and Commercially Available Broth Micro Dilution Kit in Assessing Colistin Susceptibility of Carbapenem Resistant Clinical Gram-negative Bacterial Isolates	Dr. Mohit Bhatia	Microbiology	410,000
10	Effectiveness of Peripheral Nerve Blocks in Acute Radicular Pain Due to Lumbar Intervertebral Disc Herniation and its Effect on Inflammatory Cytokines: A Prospective Cohort Study	Dr. Praveen Talawar	Anaesthesiology	350,660
11	Correlation of Substance P Level in Blood and CSF in Patients of Chronic Pain Syndromes: A Cross Sectional Study	Dr. Ajit Kumar	Anaesthesiology	306,000
12	A Comparative Study to Validate Efficacy of Non-invasive C12 Urea Breath Test with Gold Standard Histopathology for Diagnosis of Helicobacter Pylori	Dr. Satyavati Rana	Biochemistry	492,000

13	An Observational Study to Monitor Metabolic and other Adverse Effects of Antipsychotics with a View to Develop Diet and Activity Log for Patients Receiving Oral Atypical Antipsychotics at Psychiatry OPD AIIMS, Rishikesh	Mrs. Xavier Belsiyal	College of Nursing	151,500
14	A Study on Fungal Sensitization in Bronchial Asthma Patients Attending a Tertiary Care Hospital in Uttarakhand	Dr. Girish Sindhwani	Pulmonary Medicine	492,950
15	Genomic Mutations in Young Patients of Urothelial Bladder Cancer Attending a Tertiary Care Centre: A Cross Sectional Study	Dr. Vikas Kumar Panwar	Urology	498,150
16	Performance of Indian Diabetic Risk Score for Screening of Undiagnosed Type 2 Diabetes Mellitus in Rural Population of Dehradun	Dr. Mahendra Singh	Community & Family Medicine	30,435
17	A Pilot Study of Multiplex PCR for the Diagnosis of Gastrointestinal Infections in Cancer Patients on Chemotherapy	Dr. Deepak Sundriyal	Medical Oncology	500,000
18	Clinico-investigational Correlation and Management of Abdominal Tuberculosis in Pediatric Population: A Prospective Observational Study	Dr. Enono Yhoshu	Pediatric Surgery	210,124
19	Pregnancy Rates in Women Pregnancy Rates in Women with Unexplained Infertility Undergoing Intra-uterine-insemination with Semen Preparation by Microfluidic Sperm Sorting Method vs Density Gradient Centrifugation: A Pilot Assessment	Dr. Latika Chawla	Obstetrics & Gynaecology	235,399
20	Identification of Prevalent Allergens Via Skin Prick Test in Patients of Allergic Rhinitis in a Tertiary Care Centre	Dr. Madhu Priya	ENT	153,750
21	A Randomized Control Trial to Assess Effectiveness of Palliative Care Bundle versus Routine Care on Functional Recovery, Resilience and Quality of Life among Advanced Gall Bladder Cancer Patients at AIIMS, Rishikesh	Dr. C. Vasantha Kalyani	College of Nursing	369,000
22	A Study to Find the Prevalence of Human Leucocyte and Platelet Specific Antibodies in Multitransferred Patients Refractory to Platelet Transfusion and Evaluation of Transfusion of Crossmatched Platelets for Management of Refractoriness	Dr. Daljit Kaur	Transfusion Medicine	500,000
23	Metabolomic Profiling and Serial Changes in Patients with Isolated Chest Trauma- A Pilot Study	Dr. Madhur Uniyal	Trauma Surgery & Critical Care	500,000
24	Prospective Observational Study to Measure Adherence to Statin Therapy and its Correlation with Serum Lipid Profile in Dyslipidemia Patients	Dr. Gaurav Chikara	Pharmacology	435,625
25	Level of Inflammatory Cytokines in Patients of Obstructive Sleep Apnea and Effect of Positive Airway Pressure Therapy: A Pilot Study	Dr. Lokesh Kumar Saini	Pulmonary Medicine	346,000

26	Role of Floor Reaction Ankle-foot Orthosis on Crouch Gait in Patients with Cerebral Palsy: A Prospective Clinical Study	Dr. Osama Neyaz	PMR	101,680
27	Study to Analyze the Correlation between FOXE1 and Non Syndromic Orofacial Cleft in Children	Dr. Debarati Chattopadhyay	Burn & Plastoc Surgery	499,500
28	The Diagnostic Value of MircoRNAs (miRNAs 21, 223, 155, 126) as Serum Biomarkers in Non-small Cell Lung Cancer	Dr. Pankaj Kumar Garg	Surgical Oncology	492,000
29	Prevalence of Risk Factors of Non-communicable Diseases in a Rural population of Dehradun, Uttarakhand the World Health Organization STEPS Approach	Dr. Surekha Kishore	Community & Family Medicine	439,725
30	Exploratory Study of Surgical Challenges in Cochlear Implant Surgery Based on Temporal Bone Imaging	Dr. Amit Kumar Tyagi	ENT	93,788
31	Assessment Biomarkers in Free Flaps and is Role in Early Detection of Venous Congestion in Free Flaps	Dr. Akshay Kapoor	Burn & Plastoc Surgery	498,130
32	Alignment and Morphological Changes at the Elbow Joint in Cubitus Varus Deformity: A Clinico-radiological Study	Dr. Vivek Singh	Orthopedics	500,000
33	40% Oral Dextrose Gel for the Prevention of Transitional Hypoglycemia in Small for Gestational Age Neonates: A Randomized Controlled Trial	Dr. Poonam Singh	Neonatology	499,400
34	Ayushman Bharat Scheme: Perception and Challenges among Patients Availing Health Care Benefit at AIIMS, Rishikesh-A Pilor Study	Ms. Rakhi Mishra	College of Nursing	82,000
35	Study on Storage Lesions in Platelet Products Stored in Blood Bank	Dr. Gita Negi	Transfusion Medicine	496,000
36	Nocturnal Polyuria among Patients with Obstructive Sleep Apnea and Role of Natriuretic Peptides: Effect of Positive Airway Pressure Therapy in Short Term	Dr. Ravi Gupta	Psychiatry	500,000
37	Study of Attributes Differentiating COPD with Non-infective Rhinitis from Asthma COPD Overlap-A Cross Sectional Study	Dr. Prakhar Sharma	Pulmonary Medicine	499,840
38	Immuno-histochemical Characterization of Parenchymal Cells in Prenatal Period of Human Pineal Gland-An Observational Study	Dr. Pooja Bhadoria	Anatomy	400,000
39	Prognostic Role of Mid-Range Proadenomedullin in Patients undergoing Emergency Laparotomy for Intestinal Perforation: A Pilot Study	Dr. Deepak Singla	Anaesthesiology	461,250
40	To Study the Role of Vacuum Assisted Biopsy of Breast in BIRADS-4 Lesions with Low Malignant Potential	Dr. Bina Ravi	IBCC	500,000
41	Analysis of Endometrial Pathologies using Dynamic Contrast Enhanced MR and Diffusion Weighted Imaging (DW) with Histopathological Correlation	Dr. Poonam Sherwani	Pediatric Radiotherapy	471,250

42	Vitamin D and Mammographic Breast Density Correlation in Patients with benign and Malignant Breast Lesions	Dr. Anjum Syed	Radiodiagnosis & Imaging	494,460
43	A Study on Autoimmune Mechanisms in Bronchial Asthma Cases	Dr. Deepjyoti Kalita	Microbiology	500,000
44	Regional Profiling of Head and Neck Squamous Cell Carcinoma in Relation to Human Papilloma Virus Infection and Tobacco use Along with their Associated Protein and miRNA Alterations	Dr. Sanjeev Kishore	Pathology	500,000
45	Effect of 'AUM' Chanting on Biophysiological Parameters, Respiratory Function, Pain, Anxiety and Happiness in Head and Neck Cancer Patients	Dr. S.P. Agarwal	Surgical Oncology	210,228
46	A Study to Identify New Prognostic and Predictive Biomarkers in Oral Cancer Patients with Early Recurrence	Dr. S.P. Agarwal	Surgical Oncology	492,000
47	Characterization of Cannabis Withdrawal in Terms of Neurotransmitter Levels in Patients of Chronic Cannabis Dependence: An Exploratory Study	Dr. Ashish Bhute	Forensic Medicine & Toxicology	500,000
48	Factors Affecting the Community Based Rehabilitation of Hansen Disease Patient	Dr. Meenakshi Khapre	Community & Family Medicine	89,278
49	Estimation of Post-mortem Interval using Muscle Protein Degradation: A Cross-sectional Study	Dr. Raviprakash Meshram	Forensic Medicine & Toxicology	500,000
50	Curcumin for COVID-19 Pre Exposure Prophylaxis: A Randomised Controlled Trial	Dr. Rohit Wallia	Cardiology	500,000
51	In-vitro Evaluation of Cytotoxic Activity of Enantiomers of Lenalidomide and Pomalidomide Against Multiple Myeloma Cell Lines	Dr. Puneet Dhamija	Pharmacology	235,000
52	A Prospective Diagnostic Study for Detection of Covid-19 in Self Samples of RTPCR Covid-19 Positive Patients and their Close Contacts	Dr. Amit Kumar	ENT	250,000
53	Fabrication of 3D Hand Therapy Splints using 3D Scanning Designing, Finite Element Analysis and Additive Manufacturing	Dr. Vishal Mago	Burn & Plastic Surgery	492,000
54	A Correlative Analysis of PD-L1 and Her-2-neu Expression with Age in Patients with Carcinoma Urinary Bladder: A Prospective Study	Dr. Ankur Mittal	Urology	499,000
55	Evaluation of Pancreatic Size and Exocrine Function in Children with Type 1 Diabetes	Dr. Kriti Joshi	Endocrinology	489,000
56	A Comparative Longitudinal Cross-over Study to Determine the Effects of Wearing Personal Protective Equipment on Cognitive, Physiological and Psychological Parameters While Doing COVID-19 Ward Duties in Healthcare Workers at AIIMS Rishikesh	Dr. Latika Mohan	Physiology	60,000
57	Identification of SARS-CoV-2 in Female Genital Tract and Breast Milk in Confirmed Cases of COVID-19: A Hospital based Cross Sectional Study	Dr. Kavita Khoiwal	Obstetrics & Gynaecology	500,000

58	Design and Evaluation of Cytokine Filter for Removal of Cytokines from Blood: An Experimental Study	Dr. Rohit Walia	Cardiology	500,000
59	Comparative Evaluation of Hematologic and Biochemical Biomarker Abnormalities Associated with Perioperative Management of COVID Positive and Negative Cancer Patients: A Pilot Study	Dr. Bhavna Gupta	Anaesthesiology	500,000
60	Single Nucleotide Polymorphisms of DNA Repair Genes and Cytokines as Biomarkers to Assess Acute Radiation Toxicity and Treatment Outcome in Locally Advanced Head and Neck Cancer	Dr. Bela Goyal	Biochemistry	473,000
61	Efficacy of Sudarshan Kriya Yoga (SKY) based 12 weeks' Online Breath and Meditation Workshop on Change in Burnout and Ballistocardiography (BCG) Assessments among Medical Professionals at a Tertiary Care Hospital during COVID-19 Pandemic: A Single Arm Trial	Dr. Monika Pathania	General Medicine	348,500
62	Study of Immunoeexpression of Autophagy Markers: MAP1LC3A and MAP1LC3B in Cervical Cancer and its Clinicopathological Correlation	Dr. Prashant Durgapal	Pathology	500,000
63	Safety and Efficacy of Nicorandil in Peripheral Vascular Disease: An Exploratory Randomized Controlled Trial	Dr. Raja Lahiri	CTVS	485,000
64	Physiological and Psychological Stress Associated with Wearing PPE in COVID Lab: An Exploratory Study	Dr. Ashwini Mahadule	Physiology	308,632
65	Hindi Translation, Cross-cultural Adaption and Multicentre Validation of the Zurich Chronic Middle Ear Inventory (ZCMEI-21-Hin)	Dr. Amit Kumar	ENT	30,000
66	Clinical Correlation of Serum Brain Natriuretic Peptide and sST2 Level with Qp: Qs Ratio in Atrial Septal Defect and Ventricular Septal Defect	Dr. Yash Shrivastav	Pediatrics	430,000
67	Profile of Gastro Panel Markers among Patients with Dyspepsia	Dr. Satyavati Rana	Biochemistry	500,000
68	Comparative Evaluation of the Expression of Autophagy Markers (LC3A, LC3B) in Oral Squamous Cell Carcinoma and Oral Premalignant Lesions and Correlation with Clinicopathologic Features	Dr. Sanjeev Kishore	Pathology	499,600
69	Assessment of Physical, Social and Psychological Wellbeing of COVID Recovered Patients from AIIMS Rishikesh: A Prospective Community Based Study	Dr. Santosh Kumar	Community & Family Medicine	165,553
70	Assessment of Wellbeing of Quarantined Individuals in Home and Determining Measures to Alleviate the Stressful Experience During the Period	Dr. Santosh Kumar	Community & Family Medicine	61,500
71	Effect of Valences Image Vignette on Neural Processes in Frontal Brain Regions in Three Type of Treatment Response in Depression Patients using NIRS	Dr. Jitendra Rohilla	Psychiatry	93,000

72	To Study the Association and Expression of IL-33 Levels with Clinical and Laboratory Characteristics of Systemic Lupus Erythematosus (SLE)	Dr. Venkatesh Pai	Pathology & Lab Medicine	500000
73	Role of Contrast Enhanced CT Abdomen (CECT Abdomen) in Evaluation of Undifferentiated Abdominal Pain in Geriatric Population Attending Emergency Department	Dr. Vempalli Nagasubramanyam	Emergency Medicine	243,000
74	A Randomized Comparative Study between Robotic Assisted Gait Training and Conventional Gait Training in Managing Subacute Hemiplegic Patients Due to Stroke	Dr. Raj Kumar Yadav	PMR	174,250
75	Assessment of Tumor Infiltrating Lymphocytes, Tumor Associated Macrophages and Natural Killer Cells as Prognostic Biomarkers in Oral Squamous Cell Carcinoma	Dr. Rajkumar K.S.	Surgical Oncology	305,587
76	Use of PRP (Platelet Rich Plasma) on Nerve Anastomosis in Brachial Plexus Injury Patients: A Randomized Control Trial	Dr. Akshay Kapoor	Burn & Plastic Surgery	374,500
77	Impact of COVID-19 Pandemic on the Outcome of Children with Clubfoot: A Prospective Observational Study	Dr. Vivek Singh	Orthopedics	50,000
78	Evaluation of Blood Interleukin, Neurolobin and Copeptin Levels as Potential Biomarkers for Children with Febrile Seizure: A Prospective Observational Study	Dr. Indar Kumar Sharawat	Pediatrics	488,640
79	Phase 2 Single Arm Study to Evaluate Safety and Efficacy of Neoadjuvant Short Course Radiotherapy along with Chemotherapy Followed by Surgery in Resectable Carcinoma of Esophagus	Dr. Deepa M. Joseph	Radiation Oncology	464,875
80	Expression of Epithelial Mesenchymal Transition Markers in Oral Squamous Cell Carcinoma: Immunohistochemistry based Cross Sectional Study	Dr. Dharma Ram Poonia	Surgical Oncology	492,000
81	To Study the Correlation between Metabolic Response by Positron-emission Tomography-computed Tomography (PETCT) and the Pathological Response of Resected Specimen after Neoadjuvant Chemo-radiotherapy in Patients with Carcinoma Esophagus: A Prospective Observation Study	Dr. Nirjhar Raj	Surgical Gastroenterology	500,000
82	Study of Multiplex panel of Cytokines, Chemokines and growth factors in Saliva as diagnostic Biomarkers in Patients with Oral Squamous Cell Carcinoma	Ashi Chug	Dentistry	500,000
83	Adjuvant Testosterone Therapy in Chronic Heart Failure: A Randomized Open Label Clinical Trial	Dr. Minakshi Dhar	General Medicine	383,350
84	Efficacy and safety of Ivermectin prophylaxis for COVID-19 infection in health care personnel: A randomized controlled trial	Dr. Manisha Bisht	Pharmacology	119,900
				<b>30,710,609</b>



Sr.No.	Protocol Title	Principal Investigator	Department
1	Correlation of Clinical Pain Scores with Cerebral Hemodynamics in Neonates	Dr. Poonam Singh	Neonatology
2	Study of Knowledge and Practices Regarding Sleep Disorders among Undergraduate Final Year Medical Students and Faculty Members	Dr. Ravi Gupta	Psychiatry
3	Effect of Simvastatin in Enhancing Bone Healing in Tooth Extraction Sockets: A Randomized Controlled Trial	Dr. Ashi Chug	Dentistry
4	Evaluation of Platelet Rich Plasma as Regenerative Medicine in Comparison to Conservative Therapy in Management of Female Stress Urinary Incontinence: A Randomized Control Pilot Trial	Dr. Neetu Kochhar	Obstetrics & Gynaecology
5	Safety Assessment of Off-label Prescriptions in Pediatric Patients at Tertiary Care Centre	Dr. Puneet Dhamija	Pharmacology
6	Monitoring of Adverse Drug Reactions and Drug-Drug Interactions Evolved during Medical Emergency	Dr. Puneet Dhamija	Pharmacology
7	Safety Assessment of Prescriptions in Geriatric Patients at Tertiary Care Centre	Dr. Puneet Dhamija	Pharmacology
8	Initiating Materiovigilance: Comparison of Different Strategies	Dr. Puneet Dhamija	Pharmacology
9	Adverse Drug Reactions Related to Drugs used during Pregnancy at Tertiary Care Centre	Dr. Puneet Dhamija	Pharmacology
10	Adult Vaccination: Monitoring in Tertiary Care Setting	Dr. Puneet Dhamija	Pharmacology
11	Volumetric Analysis of Nasolabial Fold using 3D Photography: A Histomorphological Study	Dr. Vishal Mago	Burn & Plastoc Surgery
12	Comparative Study to See the Effects of Different Dosage of Intracuff Dexamethasone on Incidence and Severity of Post-operative Sore Throat	Dr. Bhavna Gupta	Anaesthesiology
13	Cortical Hemodynamic Activity and Pain Perception During Insertion of Feeding Tubes in Preterm Neonates: A Randomized Controlled Cross-over trial	Dr. Sriparna Basu	Neonatology
14	A Randomized Double Blinded Study Comparing Block Characteristics of Mixture of Lignocaine and Ropivacaine versus Sequential Lignocaine Followed by Ropivacaine in Patients Undergoing Upper Limb Surgery under Supra-clavicular Brachial Plexus Nerve Block	Dr. Mridul Dhar	Anaesthesiology
15	To Study the Prevalence of Methotrexate Intolerance in Rheumatoid Arthritis and To Develop A Methotrexate Intolerance Score: MISA Study	Dr. Venkatesh S Pai	General Medicine
16	Factors Associated with Non-compliance among Cancer Patients at a Tertiary Care Center in North India	Dr. Deepak Sundriyal	Medical Oncology

17	Objective Assessment and Follow up of Nasal Symmetry by 3D Imaging in Patients of Cleft Lip undergoing Primary or Secondary Rhinoplasty	Dr. Akshay Kapoor	Burn & Plastoc Surgery
18	Clinical, Radiological and Biochemical Profile in Patients with Headache Disorders: An Ambispective Study from a Tertiary Care Centre in the Himalayan Region of India	Dr. Ashutosh Tiwari	Neurology
19	To Evaluate the Yield Max for Different Loads on Ear Lobule Models using FEA	Dr. Madhubari Vathulya	Burn & Plastoc Surgery
20	Study of the Burden and Outcomes of Sympathetic Crashing Acute Pulmonary Edema (SCAPE) Patients in a North Indian Academic Emergency Department	Dr. Subodh Kumar	Emergency Medicine
21	KAP Study on Errors in Clinical Laboratory among Laboratory Technicians and Attendants	Dr. Manisha Naitхани	Biochemistry
22	Craniotomy for Bacterial Brain Abscess, how Far is Aspiration Alone Justifiable: Prospective Comparative Study	Dr. Jitender Chaturvedi	Neurosurgery
23	Targeted Pharmacovigilance for Biosimilars	Dr. Puneet Dhamija	Pharmacology
24	Monitoring of Adverse Drug Reactions in Department of Neurology of a Tertiary Care Hospital	Dr. Puneet Dhamija	Pharmacology
25	Post Marketing Vaccine Safety Surveillance: Adverse Events Following Immunisation (AEFI) and Barriers to Report (AEFI)	Dr. Puneet Dhamija	Pharmacology
26	A Feasibility Study of Delivery Room Skin to Skin Contact in Preterm Neonates in Tertiary Care Hospital	Dr. Chetan Khare	Neonatology
27	An Exploratory Survey: Insight of Nursing Unit Culture among Nursing Officers	Dr. Vasantha Kalyani. C	College of Nursing
28	Comparison of Efficacy of Triclofos and Promethazine for Sedation during Electroencephalography in Children; A Single Blind Randomized Controlled Trial	Dr. Prateek Kumar Panda	Pediatrics
29	Comparison of Efficacy of Sodium Valproate and Oxacarbazepine Monotherapy in Children with benign Childhood Occipital Epilepsy <18 Years of Age: A Single Blind Randomized Controlled Noninferiority Trial	Dr. Prateek Kumar Panda	Pediatrics
30	Use of 3d Printing in Pre Procedure Planning for Valve in Valve Procedures in Degenerative Severe Bioprosthesis Dysfunction with High Surgical Risk	Dr. Rohit Wallia	Cardiology
31	Perfenidone in Endomyocardial Fibrosis Patients	Dr. Rohit Wallia	Cardiology
32	Sleep Disorders in Patients with Psoriasis-A Prospective Study in a Tertiary Care Hospital in North India	Dr. Neerita Hazarika	Dermatology & Venereology & Laprosy
33	Assessment of Nutritional Status of Elderly Patients and its Association with Quality of Life	Dr. Minakshi Dhar	General Medicine
34	Clinical Profile and in-hospital Mortality of Elderly Patients with Acute-decompensated Heart Failure at a Tertiary Care Hospital	Dr. Minakshi Dhar	General Medicine

35	Assessment of Oral Health of Elderly Patients and its Association with Quality of Life	Dr. Minakshi Dhar	General Medicine
36	Development and Validation of a Comprehensive Acute Encephalitis Syndrome Severity Score in Children Aged Less Than or Equal to 18 years as a Predictor of Short-term Prognosis and Functional Outcome	Dr. Indar Kumar Sharawat	Pediatrics
37	To Study whether Red Cell Distribution Width is a Predictor of Pulmonary Hypertension in Patients with Chronic Obstructive Pulmonary Disease	Dr. Girish Sindhwani	Pulmonary Medicine
38	Concurrent Chemotherapy and External Radiation Therapy: An Open Label Non-Inferiority Phase III Randomized Controlled Trial of Weekly versus Three Weekly Cisplatin and Radical Radiotherapy in Locally Advance Head and Neck Squamous Cell Carcinoma	Dr. Amit Sehrawat	Medical Oncology
39	Barriers to Evidenced based Research Utilization among Nurses Working in Tertiary Care Hospital: Cross Sectional Descriptive Study	Mr. Maneesh Sharma	College of Nursing
40	Digitization of Curriculum Map on G Suite	Dr. Mrinal Barua	Anatomy
41	Survey of Actual Academic Utility of Professional Conference	Dr. Shobha S Arora	Orthopedics
42	To Assess the Mental Impact of SARS-CoV-2 (Covid-19 disease) Outbreaks among Suspects Coming to AIIMS Rishikesh, their Close Contacts, and Associated Healthcare providers-A Longitudinal Study	Dr. Prasan Kumar Panda	General Medicine
43	Ayurveda Prakruti Profiling among Hypertensive Subject-An Exploratory Cross Sectional Study	Dr. Monika Pathania	General Medicine
44	Acute Effects of Long Distance Walking Pilgrimage on Heart Rate Variability: A Pilot Study of Kanwar Yattris in Uttarakhnad	Dr. Poorvi Kulshreshtha	Physiology
45	Posterior Tibial Nerve Blocks for the Treatment of Coccydynia Pain: A Prospective Cohort Study	Dr. Praveen Talawar	Anaesthesiology
46	Socioeconomic Factors Affecting Trastuzumab Usage in Breast Cancer Patients Belonging to Hilly Regions & Adjoining Areas of Northern India	Dr. Rajesh Pasricha	Radiation Oncology
47	Comparison of Wound Complications Following Primary versus Delayed Primary Wound Closure Post Laparotomy for Perforation Peritonitis: A Prospective Randomized Trial	Dr. Farhanul Huda	General Surgery
48	Assessing Feasibility and Utility of Protocol based Antibiotic Therapy in Urological Surgeries at a Tertiary Care Center: A Step Toward Antibiotic Stewardship Programme	Dr. Balram Ji Omar	Microbiology
49	Development and Validation of a MRI based Radiological Severity Score in Children Aged Less than or Equal to 18 years with CNS Tuberculosis for Prediction of Prognosis and Functional Outcome	Dr. Indar Kumar Sharawat	Pediatrics

50	To Compare the Efficacy of Oral Risperidone and Clonidine in Children with Tics Aged 6-18 years: A Single Blind Randomized Controlled Trial	Dr. Indar Kumar Sharawat	Pediatrics
51	Prevalence and Correlates of Common Mental Disorders among Adults in a Selected Rural Area, Uttarakhand, India: A Cross-sectional Community-based Study	Mrs. Xavier Belsiyal	College of Nursing
52	A Cross Sectional Study to Assess the Knowledge of Health Care Professionals Regarding Application of JFK Cmma Recovery Scale at Tertiary Care Center	Dr. Jitender Chaturvedi	Neurosurgery
53	Evaluation of Gastrointestinal Manifestations in Children with Cerebral Palsy	Dr. Rishi Bolia	Pediatric Gastroenterology
54	Profile and Outcomes of Patients Receiving Cardiopulmonary Resuscitation in a Tertiary Care Academic Emergency Department of India	Dr. Naman Agarwal	Emergency Medicine
55	Introduction and Implementation of Structured Feedback Module for Postgraduate Students in the Department of Transfusion Medicine	Dr. Daljit Kaur	Transfusion Medicine
56	Evaluation of Hyperbaric Oxygen Therapy in Infertile Patients with Estimation of Endometrial Thickness, Uterine Artery Blood Flow and Antral Follicular Count- A Pilot Study	Dr. Neetu Kochhar	Obstetrics & Gynaecology
57	Profile and Outcomes of Airway Management in a Tertiary Care Academic Emergency Department of India	Dr. Naman Agarwal	Emergency Medicine
58	An Assessment of Heutagogical Pattern of Teaching-learning Physiology: A Case Study	Dr. Poorvi Kulshreshtha	Physiology
59	The Association of Metabolic Syndrome and Gall Stone Disease: A Prospective Observational Study	Dr. Sudhir Kumar	General Surgery
60	Relative Efficacy of Hydroxy-chloroquine Prophylaxis to Healthcare-professionals for Covid-19 Mitigation: A Pragmatic Prospective Observational Study (RE-HCP2 COVID Study)	Dr. Prasan Kumar Panda	General Medicine
61	Effectiveness of Virtual Teaching on Knowledge of Personal Protective Equipment (PPE) and Specific Instructions to Prevent Covid-19 Infection among Health Care Workers at Tertiary Care Level Institute, Uttarakhand	Dr. Rakesh Sharma	College of Nursing
62	Comparison of Wearable Remote Health Monitoring Device for Estimation of Pulse Rate, Respiratory Rate, Body Temperature and SPO2 with Cardiac Monitors among Both Healthy and Patient Groups in Facility Setting-A Diagnostic Validation Study	Dr. Mohit Tayal	Radiology
63	Compliance of Donning/Doffing PPE during COVID Pandemic in Tertiary Care Hospital, Uttarakhand India	Dr. Rajesh Kumar	College of Nursing
64	Knowledge, Attitude and Practice Actions among Health Care Professionals About COVID-19-Nationwide Online Survey	Dr. Aroop Mohanty	Microbiology

65	Comparative Analysis of Global Infection Prevention and Control Guidelines in Healthcare Settings in View of COVID-19 Pandemic-A Review	Dr. Puneet Kumar Gupta	Microbiology
66	Rationale use of Face Mask in the Hospital Setting During COVID 19 Pandemic, AIIMS Rishikesh, Uttarakhand	Dr. Meenakshi Khapre	Community & Family Medicine
67	Development and Validation of canKAP-Q1 Instrument: A Knowledge, Attitude and Practice Study about Cancer Amongst Medical and Nursing Students	Dr. Dharna Ram Poonia	Surgical Oncology
68	Knowledge and Practice of Nursing Officers Regarding Standard Precautions in a Tertiary Healthcare Center	Dr. Rakesh Sharma	College of Nursing
69	Barriers Faced by Healthcare Workers in use of PPE During COVID Pandemic in Tertiary Care Hospital Uttarakhand, India: A Qualitative Study	Dr. Maneesh Sharma	College of Nursing
70	Assessment of Effectiveness and Quality of Video Modules used for Training Health Care Workers at Tertiary Care Level Institute, Uttarakhand	Dr. Ashish Bhute	Forensic Medicine & Toxicology
71	Expectations from Hospital Infection Control for Preparedness in View of Pandemic Situation	Dr. Latika Mohan	Physiology
72	Factors of Psychological Distress among Health Care Workers Exposed to (suspected) Coronavirus Disease 2019 in AIIMS Rishikesh	Dr. Annidya Das	Psychiatry
73	Using Simulation Based Training for Preparedness of Front Line Health Care Workers in Airway Management of Suspected or Confirmed COVID 19 Patients	Dr. Ankita Kabi	Emergency Medicine
74	Knowledge, Attitude & Practice of Cleaning & Disinfection among Housekeeping Body and Build an Indigenous Blood and Tissue Irradiator for the Purpose	Dr. Himanshu Narula	Microbiology
75	Role of Convalescent Plasma in Treatment of Covid-19 Patients	Prof Ravi Kant	Director & CEO
76	Safety and Efficacy of Antiviral Therapy Alone or in Combination in Symptomatic Patients of COVID-19 Infection: A Randomised Controlled Trial (SEV-Covid Trial)	Dr. Prasan Kumar Panda	General Medicine
77	Evaluation of Functional Outcomes of Robotic Assisted Gait Training in Patients with Paraplegia	Dr. Pankaj Kandwal	Orthopedics
78	Evaluation of Cardiac Abnormalities in Children with Cerebral Palsy Aged up to 18 Years	Dr. Yash Shrivastav	Pediatrics
79	Prevalence of Needle Stick Injury and its Psychosocial Determinants among Dental Students of Uttarakhand	Dr. Vartika Saxena	Ayush
80	Knowledge Attitude and Practise Status Regarding Covid-19 of Patients Visiting AIIMS Rishikesh	Dr. Mukesh Bairwa	General Medicine
81	Application of Virtual Reality in Optimizing Surgical Outcomes and Resident Training in Percutaneous Nephrolithotomy: A Paradigm Shift	Dr. Ankur Mittal	Urology

82	A Cross-sectional Study to Assess Perception, Awareness and Mental Health Concern of COVID-19 among General Public in Selected States of India	Mrs. Malar Kodi S	College of Nursing
83	Impact of the COVID-19 Pandemic on Neurological Emergencies and Study the Neurological Manifestations of COVID-19: An Ambispective Study from a Tertiary Care Centre in the Sub-Himalayan Region of India	Dr. Niraj Kumar	Neurology
84	Clinical, Electrophysiological Spectrum and Predictors of Dysautonomia and Successful Extubation in Guillain Barre Syndrome: A Prospective Cohort Study	Dr. Mritunjai Kumar	Neurology
85	Awareness of Methods of Controlling Spread of COVID-19 Infection, among College Going Students (18-25)-An Online Survey	Dr. Vartika Saxena	Community & Family Medicine
86	Qualitative Assessment of Sustainability and Effectiveness of Online Virtual Classroom Teaching during Covid 19 Pandemic	Dr. Vikas Kumar Panwar	Urology
87	Study of Antibody Responses to SARS CoV-2	Dr. Deepjyoti Kalita	Microbiology
88	Effectiveness of Selected Instructional Module on Knowledge and Practice Regarding Covid-19 Prevention among Security Staffs Working at AIIMS Rishikesh: A Pre-experimental Study	Dr. Rakesh Sharma	College of Nursing
89	Health Care Worker's Safety Preparedness for COVID-19 Pandemic in Northern India: A Cross-sectional Survey	Dr. Suresh K Sharma	College of Nursing
90	Workforce Development in Preparedness to Combat Covid-19 Pandemic: An Analysis & Experience at Tertiary Health Care Centre	Dr. Shalinee Rao	Pathology
91	Safety and Efficacy of Long Acting Insulins (Degludec and Glargine) among Type 2 Diabetic Asian Population: A Systematic Review and Meta-analysis	Dr. Ravi Kant	General Medicine
92	Prevalence and Predictors of Depression in Type 2 Diabetes Mellitus: A Hospital Based Study	Dr. Ravi Kant	General Medicine
93	A Study on Utilization of MCP Cards among Registered Pregnant Women: A Retrospective Analytical Study	Dr. Ravi Kant	General Medicine
94	Effect of Home Confinement on Sleep Pattern, Mood, Anxiety and Stress	Dr. Ravi Gupta	Psychiatry
95	Role of Yoga in de Stressing Health Care Personnel during COVID 19 Pandemic: A Randomised Control Trial from a Tertiary Care Centre in North India	Prof Ravi Kant	Director & CEO
96	Melatonin for COVID 19 Prophylaxis in High Risk Elderly, Diabetes, Obesity, Cardiovascular Disease, Cancer Patients and Treatment of Patients with COVID 19 Related Infection (Melatonin Immune Boost COVID 19 Study)	Dr. Rohit Walia	Cardiology

97	Characteristics of Patients Referred to Consultation Liaison Psychiatry during COVID-19 Lockdown in AIIMS, Rishikesh: A Retrospective Chart Review	Dr. Jitendra Rohilla	Psychiatry
98	A Retrospective Study to Assess the Effectiveness of ECG Identification and Rhythm Management Training for Preparedness to Combat COVID-19	Dr. Minakshi Dhar	General Medicine
99	Effect of Lockdown on Physical and Psychological Health of Geriatric Patients: Survey based on Questionnaire using Telemedicine/Google Form	Dr. Minakshi Dhar	General Medicine
100	Status of Satisfaction of the users of Telemedicine Services at AIIMS Rishikesh	Dr. Minakshi Dhar	General Medicine
101	Evaluation of Cardiac Safety of Hydroxychloroquin for Pre COVID 19 Exposure Prophylaxis: Smart Remote Continuous Ambulatory Electrocardiographic Study	Dr. Rohit Walia	Cardiology
102	To Evaluate the Effectiveness and Safety of Nintedanib for Endomyocardial Fibrosis	Dr. Rohit Walia	Cardiology
103	Longitudinal Study on Psychological Impact of COVID-19 Pandemic on Health Care Workers Involved in Cancer Care	Dr. Dharma Ram Poonia	Surgical Oncology
104	Assessment of Awareness among Pathologists Regarding Safe Lab Practices during COVID 19 Pandemic: A Prospective Survey Study	Dr. Monika Singh	Pathology
105	Assessment of Maternal Mental Health and its Correlation with Knowledge, Attitude and Practices Towards COVID-19 among Pregnant Women of Uttarakhand during the COVID-19 Outbreak: A Cross Sectional Study	Dr. Amrita Gaurav	Obstetrics & Gynaecology
106	Impact of the COVID-19 Pandemic on Individual Hand Hygiene Infection Control Practices among Healthcare Workers at AIIMS Rishikesh (ITCHI)	Dr. Prakhar Sharma	Pulmonary Medicine
107	Mental Health Status of Police Personnel as the First Line Field Warriors in Fight Against COVID-19 in the State of Uttarakhand India	Dr. Vishal Dhiman	Psychiatry
108	A Study of Change in Pattern of Smoking and Associated Factors during COVID-19 Pandemic	Dr. Jitendra Rohilla	Psychiatry
109	To Evaluate the Incidence of New Onset Diabetes in Acute Coronary Syndrome Patients on Statins and Evaluate the Dose Related Risk	Dr. Rohit Walia	Cardiology
110	Preoperative Prediction of Residual Disease in Patients with Advanced Ovarian Malignancy using HE4 and CA 125	Dr. Rajlaxmi Mundhra	Obstetrics & Gynaecology
111	A Prospective Observational Study to Compare Management Outcomes of Immediate versus Interval Hysterectomy after Uterine Artery Embolization in Placenta Accreta Spectrum	Dr. Om Kumari	Obstetrics & Gynaecology
112	Oncology Practices during COVID-19 Pandemic Amidst Nationwide Lockdown: Survey from a Cancer Research Centre	Dr. Deepak Sundriyal	Medical Oncology

113	Knowledge and Apprehension of COVID 19 Score Correlation among Health Care Workers in a Tertiary Care Hospital: A Cross-sectional Study	Prof. U.B. Mishra	Hospital Administration
114	Anxiety, Depression and Quality of Life (QOL) Related to COVID-19 among Frontline Health Care Professionals: A Nation-wide Survey	Dr. Suresh K Sharma	College of Nursing
115	Effect of COVID-19 Pandemic on Wellbeing Status of Adults (> 18 Year) in India: A Cross Sectional Survey	Dr. Santosh Kumar	Community & Family Medicine
116	Clinical Profile, Predisposing Factors, Neuroimaging Findings, and Outcome of Cerebral Venous Sinus Thrombosis: An Ambispective Study from a Tertiary Care Centre in the Himalayan Region of India	Dr. Aushutosh Tiwari	Neurology
117	Preparedness to Combat COVID-19 via Structured Online Training Programme On Airway Management	Dr. Bhavna Gupta	Anaesthesiology
118	A Study of Psychosocial Impact of COVID 10 in LGBT Community	Dr. Jitendra Rohilla	Psychiatry
119	Perceived Impact of Covid 19 Pandemic on Nursing Students' Learning, Psychological Status and Coping Strategies used in Selected Institutions of Nursing, India	Ms. Prasuna Jelly	College of Nursing
120	An Open Label Multi-centre Randomized Control Trial for Reinitiating Intravesical BCG Therapy vs Resumption in Patients of Non Muscle Invasive Bladder Cancer with Interruption of Therapy Due to the COVID-19 (ICON Study)	Dr. Tushar Aditya Narain	Urology
121	Effectiveness of Online and In-person Structured Training Program on Ventilatory Management of Critically Ill Patients & Adjuncts for COVID Preparedness	Dr. Gaurav Jain	Anaesthesiology
122	A Novel Way to Determine Fetal Laterality and Fetal Situs with a Single Transverse Sweep of Fetal Thorax: A Pilot Study	Dr. Yash Shrivastav	Pediatric
123	Awareness and Attitude Regarding Eye Donation among Health Care Practitioners: An Institutional based Cross Sectional Study at AIIMS Rishikesh	Dr. Neeti Gupta	Ophthalmology
124	Prevalence of Dental Anxiety among Undergraduate and Postgraduate Medical and Nursing Students in AIIMS Rishikesh	Dr. Rebecca Chowdhry	Dentistry
125	Diagnostic Performance Evaluation of Immunochromatographic Assay for Detection of SARS-CoV2 Antigen	Dr. Madhur Uniyal	Trauma Surgery & Critical Care
126	A Pioneer Situational Attempt to Analyse Conduction of Medical Post Graduate Practical Examination via Video Conferencing Platform during COVID-19 Pandemic Periof: An Observational Study	Dr. Sanjeev Kumar Mittal	Ophthalmology
127	A Cross-sectional Descriptive Study to Describe the Preparedness of Trauma Emergency of Combat COVID-19 at AIIMS Rishikesh	Chandu Raj B	Trauma Emergency



128	A Qualitative Descriptive Study to Derive the Factors Influencing the Practice of Emergency Nurses in Managing Emerging Infectious Disease During COVID-19	Arun Varghese	College of Nursing
129	Role of Yoga in Preventing COVID-19 Infection: A Randomised Controlled Trial from a Tertiary Centre in North India	Prof. Bina Ravi	IBCC
130	Radiographic Comparison of Crestal Bone Loss Around Unloaded Implants Placed in Different Regions of Maxilla and Mandible: A Prospective Clinical Study	Dr. Ashutosh Dixit	Dentistry
131	Alternative Strategy Adopted for Final Professional Postgraduate Examination in Pathology Amidst Covid-19 Nationwide lockdown: An Experience on Novel Method of Assessment	Dr. Shalinee Rao	Pathology
132	Simulation & Task Trainers as an Aid in Practical Assessment of Final Post Graduate Course Certificate Examination: An Experience from a Tertiary Care Institute, India during COVID-19 Pandemic Lockdown	Dr. Rajesh Kathrotia	Physiology
133	An Introspection into Inadequacies and Lacunae in Faculty Development Program: Concerns of Medical Educationists	Dr. Shalinee Rao	Pathology
134	Teaching and Learning Clinical and Practical Skills during COVID 19 Pandemic	Dr. Shalinee Rao	Pathology
135	Status of Sleep Medicine Practice and Sleep Laboratory Dynamics during COVID-19 Pandemic of India: A Questionnaire-based Online Survey	Dr. Lokesh Kumar Saini	Pulmonary Medicine
136	Status of Transmission Dynamics in the Contacts of Confirmed COVID-19 Cases Detected in a Tertiary Care Hospital of Uttarakhand	Dr. Mahendra Singh	Community & Family Medicine
137	Transition to Online Teaching for Medical Undergraduates during COVID-19 Pandemic	Dr. Manisha Naithani	Biochemistry
138	Online Assessment of Medical Undergraduates during COVID-19 Pandemic	Dr. Manisha Naithani	Biochemistry
139	Comparison of Aerosol Boxes for Intubation in COVID-19 Patients: A Simulation-based Crossover Study	Dr. Ankit Agarwal	Anaesthesiology
140	A Nationwide Observational Study to Assess the Perceived Impact of COVID-19 on Various Surgical Residency Programmes in India	Dr. Tushar Aditya Narain	Urology
141	A Descriptive Study on Knowledge, Attitude and Practices on Antibiotics usage among Nurses	Ms. Rakhi Mishra	College of Nursing
142	SWOT Analysis of Virtual OPD under Telemedicine Department during COVID-19 Pandemic	Dr. Yogesh Bahurupi	Community & Family Medicine
143	Gastrointestinal and Hepatic Involvement in Patients with COVID-19 Infection at a Tertiary Care Center in Northern India: An Observational Prospective Study	Dr. Rohit Gupta	Gastroenterology
144	Does HIV/HBsAg/HCV Infection Affects Progress of Labour: A Retrospective Analysis	Dr. Amrita Gaurav	Obstetrics & Gynaecology

145	Hospital Cornea Retrieval Programme (HCRP) at AIIMS Rishikesh: A Retrospective Study	Dr. Neeti Gupta	Ophthalmology
146	Perceptions of Interns and Post Graduate Residents about Research Training during UG Curriculum: A Cross-sectional Study	Dr. Ajeet Bhadoria	Community & Family Medicine
147	Challenges Faced by the Patients with Cancer Attending a Tertiary Care Teaching Hospital during COVID-19 Pandemic: The Patients Perspective	Dr. Rajesh Pasricha	Radiation Oncology
148	To Study the Disease Profile of COVID-19 in Patients at AIIMS, Rishikesh with Focus on the Demographical, Clinical, Laboratory, Treatment and Outcome Variables: A Longitudinal Study (also known as 'DPC19-AIIMS Rishikesh' Study)	Dr. Prasan Kumar Panda	General Medicine
149	Development and Validation of a Clinical Risk Score to Predict the Illness Severity in Hospitalized Patients with COVID-19: A Pilot Study	Dr. Mukesh Bairwa	General Medicine
150	Patients Perception of Timing of Elective Surgery During Covid 19 Pandemic: A Survey on Outpatients	Dr. Harindra Sandhu	General Surgery
151	A Pilot Study to Assess Arousal to Ejaculation Latency Time, Erection to Ejaculation Latency Time and Intravaginal Ejaculation Latency Time	Dr. Jitendra Rohilla	Psychiatry
152	Comparison of Pattern of Infarction amongst Patients of Tuberculous and Cryptococcal Meningitis: A Retrospective Record Based Study	Dr. Mritunjai Kumar	Neurology
153	A Cross Sectional Study to Assess Psychological Status of COVID-19 Pandemic among Pregnant Mother in Uttarakhand	Ms. Prasuna Jelly	College of Nursing
154	Capacity Building of Primary Care Physician Working at Remote Uttarakhand: An Integrated Tertiary Care Approach during COVID-19 Pandemic	Dr. Santosh Kumar	Community & Family Medicine
155	A Study of Perception of Patients Undergoing Surgery during COVID-19 Pandemic among Surgery Outpatients: A Survey	Dr. Farhanul Huda	General Surgery
156	A Systematic Review of Online Surveys on Mental Health during the COVID-19 Pandemic for Assessing Adherence to Standard Guidelines on Reporting Quality	Dr. Binaya Kumar Bastia	Forensic Medicine & Toxicology
157	A Qualitative Study to Assess Lived Experience of Patients with COVID-19 Admitted at AIIMS Rishikesh, Uttarakhand	Kamlesh Chandra Bairwa	Assistant Nursing Superintendent
158	A Survey on Effectiveness of Ophthalmology Webinars in COVID-19 Era	Dr. Devesh Kumawat	Ophthalmology
159	A Study to Evaluate Disease Progression Due to Delay in Surgery during COVID-19 Pandemic	Dr. Farhanul Huda	General Surgery
160	COVID-19: Well being and HRQOL in Cancer Patients and Survivors	Dr. Manoj Gupta	Radiation Oncology

161	Correlation of Histological Endometrial Dating with Fertility Status: A Medical Record based Study	Dr. Kavita Khoiwal	Obstetrics & Gynaecology
162	Etiologies and Characteristics of Optic Disc Edema at a Tertiary Eye Care Centre in India	Dr. Ramanuj Samanta	Ophthalmology
163	Spectrum of Surgical Disease Presenting to a Tertiary Care Hospital during COVID-19 Lockdown and their Outcome: An Indian Experience	Dr. Sudhir Kumar	General Surgery
164	Knowledge, Attitude and Practice of Health Care Professionals towards COVID-19 Dead Body Care in a Tertiary Health Care Setting: A Cross Sectional Study	Girraj Saini	Senior Nursing Officer
165	Image Severity Index as a Prognostic Marker for Supratentorial Brain Tumors	Dr. Rajnish Kumar Arora	Neurosurgery
166	Effect of COVID-19 Positivity on Pregnancy Characteristics and Pregnancy on Infectivity Potential of SARS-CoV-2: An Observational Study	Dr. Kavita Khoiwal	Obstetrics & Gynaecology
167	Lignocaine Nebulization for Patients with COVID-19 Respiratory Infection: An Exploratory Randomized Double Blinded Controlled Trial	Dr. Praveen Talawar	Anaesthesiology
168	A Cross-sectional Study to Assess Resilience and Perceived Social Support among Cancer Patients	Mrs. Ruchika Rani	College of Nursing
169	Assessment of Fatigue Level and its Correlation with Clinical and Biochemical Parameters in Cancers Patients: Correlational Prospective Study	Dr. Vasantha Kalyani. C	College of Nursing
170	Online Learning during Covid-19 Pandemic among MPH Students of School of Public Health, AIIMS Rishikesh, Uttarakhand	Dr. Meenakshi Khapre	Community & Family Medicine
171	Evaluation of Safety and Efficacy of Percutaneous Catheter Drainage in Acute Infected Necrotizing Pancreatitis by Proactive and Early Protocol-ESCAPE Study	Dr. Ashok Kumar	Gastroenterology
172	Evaluation of Role of Red Cell Distribution Width as Predictive Parameter for Guiding Treatment Modality in Acute Pancreatitis: A Health Record based Study from a Tertiary Care Institution of Northern India	Dr. Deepak Rajput	General Surgery
173	Awareness of Oral Hygiene Habits among Patients Undergoing Fixed Orthodontic Treatment in Department of Dentistry, AIIMS Rishikesh	Dr. Rebecca Chowdhry	Dentistry
174	An Interventional Study on Impact of Training and Implementation of Structured Shift handover Template on Practice of Nursing Shift Handover: A Quality Improvement Project	Shrikant Desai	Senior Nursing Officer
175	A Prospective Evaluation of Bladder Dysfunction by Urodynamics in Diabetic Patients with Lower Urinary Tract Symptoms	Dr. Sunil Kumar	Urology
176	Predictors of Mortality and Outcome of Treatment in Acute Necrotizing Pancreatitis: A Retrospective Analysis	Dr. Navin Kumar	General Surgery

177	Comparison of Ultrasound Guided Dorsalis Pedis Artery versus Posterior Tibial Artery Cannulation in Adult Patients Undergoing Surgery Under General Anaesthesia: A Randomized Controlled Study	Dr. Ashutosh Kaushal	Anaesthesiology
178	Knowledge, Attitude, Practice & Experience of Healthcare Professionals on Oral Care of Pregnant Woman throughout Pregnancy: A Cross Sectional Study	Dr. Suresh K Sharma	College of Nursing
179	The Impact of COVID-19 on Resident Training Programme: A Resident's Perspective	Dr. Pankaj Kandwal	Orthopedics
180	Epidemiology of Carcinoma Gallbladder	Dr. Amit Gupta	General Surgery
181	Perception of Online Learning among Health Science Students: A Mixed Method Study	Rupinder Deol	College of Nursing
182	Comparative Evaluation of Hematologic and Biochemical Biomarker Variations in COVID Positive/suspect Surgical Patients: An Observational Study	Dr. Ajit Kumar	Anaesthesiology
183	To Study Vascular Endothelial Dysfunction as a Marker for Severe COVID-19 Related Disease	Dr. Rohit Walia	Cardiology
184	A Record Based Retrospective Study of Epidemiology, Prognostic Markers and Treatment Outcomes of Metastatic Gallbladder Carcinoma: A Single-center Study	Dr. Deepa M Joseph	Radiation Oncology
185	A Retrospective Study of Interstitial Cells of Cajal and VIPergic Neurons in Anal Sphincters of Archived Specimens of Abdominopeineal Resection	Dr. Farhanul Huda	General Surgery
186	Evaluation of Autonomic and Peripheral Neuropathy amongst People Suffering from Carpal Tunnel Syndrome and those Engaged in Repetitive Tasks	Dr. Poorvi Kulshreshtha	Physiology
187	Assessment of Knowledge, Attitudes and Practices of at Risk Individuals for Developing Chronic Kidney Disease: A Cross Sectional Study	Dr. Gaurav Shekhar Sharma	Nephrology
188	Clinical Spectrum and Short-term Outcomes of Community Acquired vs. Hospital Acquired Acute Kidney Injury	Dr. Gaurav Shekhar Sharma	Nephrology
189	The Role of D-dimer in Differentiating Hyper-troponinemia in Patients with COVID-19 from NSTEMI	Dr. Bhanu Duggal	Cardiology
190	Audit of Routine Histopathological Examination of Gallbladder after Elective Cholecystectomy for Symptomatic Cholelithiasis: A Retrospective Study	Dr. Amit Gupta	General Surgery
191	A Record Based Retrospective Study of Epidemiology, Prognostic Markers and Treatment Outcomes of Head and Neck Sarcomas: A Single-center Study	Dr. Deepa M Joseph	Radiation Oncology
192	Clinicopathological Spectrum of Colorectal Malignancy: A Hospital Based Retrospective Study	Dr. Farhanul Huda	General Surgery

193	Effect of COVID 19 on Postgraduate Resident's Stress Level and their Attitude toward Anaesthesiology as a Career Option in India: A Cross Sectional Study	Dr. Ashutosh Kaushal	Anaesthesiology
194	Distribution and Determinants of Submandibular Gland Involvement in Oral Cavity Squamous Cell Carcinoma	Dr. Pankaj Kumar Garg	Surgical Oncology
195	Clinical and Laboratory Profile of Children with Neuromuscular Disorders: A Prospective Observational Study	Dr. Indar Kumar Sharawat	Pediatrics
196	Clinical and Laboratory Profile of Children with Neurodegenerative Diseases Aged 1 Months-18 Year: A Prospective Observational Study	Dr. Indar Kumar Sharawat	Pediatrics
197	Clinical and Laboratory Profile of Children with Neurometabolic Diseases Aged 1 months-18 years: A Prospective Observational Study	Dr. Indar Kumar Sharawat	Pediatrics
198	Spectrum of Perforation Peritonitis: A Hospital Based Retrospective Study	Dr. Farhanul Huda	General Surgery
199	Histomorphological Spectrum of Ovarian Malignancies in Uttarakhand: An Experience from a Tertiary Care Center in North India	Dr. Prashant Durgapal	Pathology
200	Prevalence of Orthorexia Nervosa among Medical and Nursing Students in Selected Institutes at Uttarakhand: A Cross-sectional Survey	Dr. Suresh K Sharma	College of Nursing
201	A Cross-sectional Study to Assess Stress, Anxiety and Depression among Suspected COVID-19 Patients Attending COVID-19 Screening OPD at AIIMS Rishikesh, Uttarakhand	Mr. Kamlesh Bairwa	Nursing Officer
202	A Randomized Controlled Trial to Evaluate the Efficacy of Topical Pharyngeal Anaesthesia Using 5 vs 10 Sprays of 10% Lignocaine During Flexible Bronchoscopy (Clinical Trials. Gov Identifier: NCT03869528)	Dr. Mayank Mishra	Pulmonary Medicine
203	Machine Learning based Model to Predict the Risk of Neurological Deficit in Patients with Spinal Tuberculosis	Dr. Pankaj Kandwal	Orthopedics
204	Utility of Lung Ultrasound Score for Severity Categorization and CLUE Protocol for Disposition of COVID 19 Patients Presenting to Emergency Department: A Retrospective Study	Dr. Ankita Kabi	Emergency Medicine
205	Role of Single Breat Count (SBC) to Predict Progression of Disease among Mild/asymptomatic COVID-19 Patients: A Retrospective Observational Study	Dr. Poonam Arora	Emergency Medicine
206	Determinants of Hospital Admission and Progression of Disease for Adult Patients with COVID-19 Advised Home or Facility Isolation	Dr. Naman Agarwal	Emergency Medicine
207	A Retrospective Audit of Indications and Outcomes of Angioembolization in Urology Practice at a Tertiary Care Center	Dr. Shiv Charan Navriya	Urology

208	Comparison of Infrared Assistance with Non-assisted Access for Intravenous Injection of Radiopharmaceuticals: A Non-randomized Study	Dr. Vandana Kumar Dhingra	Nuclear Medicine
209	To Evaluate Effectiveness of Sensitization Programme Occupational Health Hazards in Healthcare Workers in a Tertiary Care Setting: A Retrospective Analysis	Dr. Vandana Kumar Dhingra	Nuclear Medicine
210	Effect of COVID-19 Specific Critical Care Nursing Program on Knowledge and Skills of Nursing Officers in an Apex Level Hospital of Uttarakhand: A Quasi Experimental Design	Vandana	ANS
211	The Role of Optical Coherence Tomography in Predicting Visual Outcome Following Resection of Craniopharyngioma	Dr. Saravanan S	Neurosurgery
212	Cancer in the Eclipse of COVID-19: A Doctor's Perception	Dr. Meenakshi Khapre	Community & Family Medicine
213	Nebulised Heparin to Reduce COVID-19 Induced Acute Lung Injury	Dr. Bhavna Gupta	Anesthesiology
214	Change in Tear Film and Ocular Surface with Mask use in Health Care Workers during COVID-19 Pandemic: An Observational Pilot Study	Dr. Devesh Kumawat	Ophthalmology
215	Challenges in Academic Research among OPD PhD Scholars in Times of COVID-19 Pandemic: A Mixed Method Study	Dr. Ashwini A Madadule	Physiology
216	Identification of LGR-5 and Aurora 5 Protein Expression using Immunohistochemistry in the Surgically Resected Specimens of Patients with Colorectal Cancer: Exploratory Pilot Study	Dr. Dharma Ram Poonia	Surgical Oncology
217	Effect of Flipped Classroom in Infection Prevention and Control Training of Undergraduate Students during COVID-19 Pandemic	Dr. Amber Prasad	Microbiology
218	Stage Migration in Head and Neck Cancers Due to Extranodal Extension: A Record Based Study	Dr. Deepa M Joseph	Radiation Oncology
219	Association of Indirect Immunofluorescence Assay Pattern and Autoantibodies in High Risk Disease Groups from Garhwal Region of Uttarakhand, India	Dr. Deepjyoti Kalita	Microbiology
220	Toxoplasma Gondii Infection in the Foot-hills of Himalayas: A Retrospective Study from a Tertiary Care Center in Northern India	Dr. Deepjyoti Kalita	Microbiology
221	Urodynamics in the Evaluation of Lower Urinary Tract Symptoms in Young Adult Males: A Systematic Review	Dr. Ankur Mittal	Urology
222	Management Modalities of Primary Bladder Neck Obstruction in Young Adult Males: A Systematic Review and Meta-analysis	Dr. Ankur Mittal	Urology
223	Updating the Clinical Spectrum & Management of Ureterovaginal Fistula: A Systematic Review and Meta-analysis	Dr. Ankur Mittal	Urology

224	Post-operative Outcome of Geriatric Patients Undergoing Emergency General Surgery Procedures: A Retrospective Study	Dr. Chezhan. S	General Surgery
225	Risk Factors of Surgical Site Infection in Elective Laparotomy: A Hospital Based Observational Retrospective Study	Dr. Sruthi Shasheendran	General Surgery
226	Epidemiology of Traumatic Spinal Cord Injury in Himalayan Ranges and Sub-Himalayan Planes: A Retrospective Hospital Data Based Study	Dr. Osama Neyaz	PMR
227	Correlation of Prostate-imaging Reporting and Data Scoring System Scoring on Multiparametric Prostate Magnetic Resonance Imaging with Histopathological Outcomes in Transrectal Ultrasound Guided Prostate Biopsy	Dr. Shanky Singh	Urology
228	An Experimental Study to Assess the Effect of Posture on Parasympathetic System Reactivity	Dr. Poorvi Kulshreshtha	Physiology
229	Sleep Quality and Sleep Hygiene in Preclinical Medical Students to Tertiary Care Center Amidst COVID-19 Pandemic: A Cross Sectional Study	Dr. Ashwini A Madadule	Physiology
230	Assessment of Infant and Young Child Feeding Practices in Rural Areas of Dehradun, Uttarakhand	Dr. Vartika Saxena	Community & Family Medicine
231	Arterial Blood Gas Parameters as a Predictor of Mortality in COVID ARDS Patients Initiated on Non-invasive Mechanical Ventilation: A Retrospective Analysis	Dr. Bhavna Gupta	Anaesthesiology
232	Assessment of Epidemiological Characteristics and Cost of Quarantine and Isolation for COVID-19 among Health Workers in a Tertiary Care Hospital at AIIMS Rishikesh: A Record Based Study	Dr. Ranjeeta Kumari	Community & Family Medicine
233	Sero-prevalence of Antibodies Against SARS COV-2 among Health Care Workers and Patients at Tertiary Care Hospital of Uttarakhand: A Retrospective Study Analysis of Hospital Records	Amit Kumar Saini	Senior Nursing Officer
234	Psychosocial Impact of the COVID-19 Pandemic and Lockdown on Non-COVID Neurosurgical Patients: A Descriptive Cross-sectional Survey	Dr. Rajnish K Arora	Neurosurgery
235	Risk Factors for Mortality in COVID-19 Patients who Received Mechanical Ventilation in a Tertiary Care Center: A Retrospective Study	Dr. Poonam Arora	Emergency Medicine
236	A Cross Sectional Study on Assessment of Proportion of Depression and its Correlates among Women of Reproductive Age Attending Peripheral Health Centers under AIIMS Rishikesh, Uttarakhand	Dr. Bhavna Jain	Community & Family Medicine
237	Retrospective Comparison of Left Ventricular Ejection Fraction Estimated using <sup>99m</sup> Tc-Sestamibi Quantitative Gated SPECT and Echocardiography Indexed to body Habitus	Dr. Tejasvini Singhal	Nuclear Medicine

238	Developing of the Clinical and Soft Electronic Data for Birth Defects in a Tertiary Care Center of North Zone of Uttarakhand	Dr. Prashant Kumar Verma	Pediatrics	
239	A Look Back on Health Care Associated Urinary and Blood Stream Infection in Critical Care Unit a Retrospective Study from July 2018 to Oct 2020	Dr. Amber Prasad	Microbiology	
240	Validation of the IMPACT-III Instrument to Assess the Quality of Life of Indian Children with Inflammatory Bowel Disease	Dr. Rishi Bolia	Pediatrics	
241	Student's Perception on Effectiveness of Online Anatomy Classes to Traditional Teaching during COVID-19 Pandemic: An Institutional Study	Dr. Rashmi Malhotra	Anatomy	
SI No.	Principal Investigator	Department	Project Title	Funding Agency Name
1	Dr. Debarati Chatopadhyaya	Burn & Plastic Surgery	Assessment of TEWL (Trans Epidermal Water Loss) in foot of Diabetic patients as a predictor of occurrence of Diabetic Foot Ulcer	Indian University USA
2	Dr. Amit Shehrawat	Medical Oncology Haemetology	"Network of Oncology Clinical Trials in India-NOCI"	Biotechnology Industry Research Assistance Council
4	Dr. Madhubari Vathulya	Burn & Plastic Surgery	Computational modelling for hindi syllables (kavyarg, chavarg and ushma consonants) to aid speech therapy in cleft patients	UCOST
5	Dr. Latika Mohan	Physiology	High altitude adaptation in Bhotias of Uttrakhand-A pilot study	UCOST
6	Dr. Suresh Sharma	Principal Of Nursing	"Glycaemic control in adult patients with diabetes mellites Type-II, receiving care through nures-led diabetic follow-up clinic versus conventional care: A randomized controlled trial"	UCOST
7	Dr. Anissa Atif Mirza	Biochemistry	To evaluate Metallo-epigenetic correlations and unveil molecular signatures in patients of Urothelial Carcinoma of bladder with supportive in-vitro methodologies	ICMR
8	Dr. Ravi Gupta	Psychiatry	Comparison between waketime, daytime sleepiness and obesity among adolescents following structured sleep schedule vs. at-will sleep schedule	UCOST



	Dr. Pankaj Kandwal	Orthopaedics		Role of multimodal, interdisciplinary, patient centred and pragmatic model to provide enhanced optimal perioperative care for patients undergoing spinal surgeries"	UCOST
9					
10	Dr. Prateek Kumar Panda	Paediatrics		Comarison of the efficacy of Han Arm Bimanual Intensive Therapy (HABIT) versus modified constraint induced movement therapy (mCIMT) in children with hemiparetic cerebral palsy aged 5-8 years: a open labeled randomized controlled trail"	ICMR
11	Dr. Indar Kumar Sharawat	Paediatric Neurology		"To evaluate the efficacy of oral coenzyme Q supplementaion in children with migraine age 6-18 years: A randomized double blind, placebo-controlled trail"	ICMR
12	Dr. Vartika Saxena	CFM		Assessment of Risk factors for covid- 19 among health care worker: A case-control study in a tertiary care hospital in Uttarakhand	WHO
13	Dr. Shalinee Rao	Pathology		Patterns of care and survival studies (POCSS) on Gall Bladder Cancer (GBC) in Hospital Based Cancer Registries under ICMR-National Cancer Registry Programme (NCRP)	ICMR
14	Dr. Anisha Mirza	Biochemistry		"Efficacy of customized protocols of holistic traditional complementary alternative medicine HTCAM to implement for assessment and improvements of immuno, metabolic, clinical and psychosocial outcomes in suspected isolated cases of SARS Cov-2 for COVID-19."	DST, Satyam
15	Dr. Neeraj Kumar	Neurology		HTA of National Stroke Care Registry Programme: Development of Hospital Based Stroke Registries in different regions of India	ICMR
16	Dr. Ruchi Dua	Pulmonary Medicine		A pilot study to see Effect of Gayatri mantra and Pranakarshan Pranayama in teams of inflammatory Markers in Hospitalized Covid-19 patients	DST, Satyam
17	Dr. Shazia Hasan	Pharmacology		Effect of yoga on immunity in doctors during COVID 19 pandemic	DST, Satyam
18	Dr. Monika Pathania	Genreal Medicine		Efficacy of m Health aided 12-week Rhythmic-Yoga Breathing Intervention on change in Burnout and professional Quality of Life among Health care Providers at a Tertiary Care Hospital during COVID-19 Pandemic: A Randomized Waitlist-Controlled Trial	DST, Satyam
19	Dr. Jitender Rohilla	Psychiatry			DST-SATYAM

20	Dr. Prateek Kumar Panda	General Surgery	To evaluate the efficacy of oral Folinic acid supplementation in children with autism spectrum Disorders (ASDs) A Randomised Double Blind,	ICMR
21	Dr. Amit Gupta	General Surgery	Study fo expression of malecular markers by Quantitative real time polymerase chain reaction (RT-Qpcr) and their correlation with risk stratification in patients of corcinoma prostate	UCOST

### Student STS Project (Summar Research Project) List 2020

Sr. No.	Type of Project	Protocol Title	Principal Investigator	Department Remark
1	STS Project	To Assess Patient Knowledge Attitude and Belief about Cancer: An Institute Based Study	Ms Vidya	MBBS-2017Approved
2	STS Project	Psychology of a Global Pandemic: COVID-19	Oshin Puri	MBBS-2018Approved
3	STS Project	Assessing the Psychological Impact of COVID-19 Pandemic on Frontline Healthcare Workersin Tertiary Healthcare Facility in Northern India	Prateek Jain	MBBS-2018Approved
4	STS Project	Correlation between Adiposity Index and Depression in Individuals with Type 2 Diabetes Mellitus in a Tertiary Care Centre of Uttarakhand, India: A Time Bound Pilot Study	Bhagchand Bardwal	MBBSApproved
5	STS Project	Physiological Response on Heart Rate Variability and Galvanic Skin Resistance during Musicaland Non-musical Relaxation in Medical Students	Ravi Seervi	MBBC-2019 Batch Approved
6	STS Project	Is Pursuing Undergraduate Medical Education in India a Mental Challenge for a Student? A Cross Sectional Study	Rishabh Patel	MBBC-2019 Batch Approved

## 10 RESEARCH PUBLICATION

### 10.1 Department of Anaesthesiology

#### National Publication

1. Tandon S, **Agarwal S**, Challa R. Spring cranioplasty in a patient of Apert syndrome: Anesthetic challenges. *Indian Anaesth Forum* 2020;21:160-1
2. Pathak S, Singh S, **Agrawal S**. Meningomyelocele with kyphoscoliosis: Ventilatory challenges for anesthesiologist. *J Pediatr Neurosci* 2020;15:343-4.
3. Sharma SK, Thakur K, Mudgal SK, **Payal YS**. Acute postoperative pain experiences and satisfaction with its management among patients with elective surgery: An observational study. *Indian J Anaesth* 2020; 64:57-62.
4. **Jain G, Gupta B, Gupta P**, Rao S. Online training for sensitisation on airway and ventilatory management as preparedness to combat COVID situation. *Indian J Anaesth*. 2020 Oct;64(10):919-920.
5. **Gupta B, Jain G**, Mishra P, Pathak S. Preparedness to combat COVID-19 via structured online training program regarding specific airway management: A prospective observational study. *Indian J Anaesth*. 2020 Sep;64(9):796-799.
6. Dhama H, Sharma SK, Sharma R, Mudgal SK, **Jain G**. Effect of Ethyl Chloride Spray versus Ice Pack Application on Pain Perception in Patients Undergoing Radial Arterial Puncture: A Randomised Controlled Trial. *Journal of Clinical and Diagnostic Research*. 2020, 14(11): LC20-LC23
7. Panda S, **Jain G**, Sama S, Krishna V. Post-operative ischaemic stroke after transpulmonary embolism: A diagnostic challenge. *Curr Med Res Pract* 2020;10 : 297-9
8. Ghosh D, **Jain G**, Agarwal A, Govil N. Effect of ultrasound-guided-pressure-controlled ventilation on intraoperative blood gas and ventilatory parameters during thoracic surgery. *Indian J Anaesth*. 2020 Dec;64(12):1047-1053.
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### 10.4 Department of Burns & Plastic Surgery

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### 10.5 Department of Community & Family Medicine

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### 10.6 Department of CTVS

#### National Publication

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## 10.7 Department of Cardiology

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### Dr Yash Shrivastava Assistant Professor

### International Publication

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### National Publication/International

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## 10.8 Department of Dermatology, Venereology and Leprology

## National Publication

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### 10.16 Department of Integrated Breast Clinic

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### 10.22 Department of Nuclear Medicine

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### 10.23 Department of Nephrology

#### National Publication

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## 10.24 Department of Ophthalmology

## National Publications

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### 10.25 Department of Nursing College

#### National Publication

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## 10.28 Department of Otorhinolaryngology & Head-Neck Surgery (ENT)

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## 10.29 Department of Paediatrics

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### 10.30 Department of Paediatric Surgery

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### 10.35 Department of Pulmonary Medicine

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### 10.37 Department of Radiodiagnosis

#### National Publication

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#### International Publication

1. Agrawal S, Anthony M, L, Paul P, Singh D, Agarwal A, Mehan A, Singh A, Joshi P, P, Kumar A, **Syed A**, Ravi B, Rao S, Chowdhury N: Accuracy of Breast Fine-Needle Aspiration Biopsy Using the International Academy of Cytology Yokohama System in Clinico-Radiologically Indeterminate Lesions: Initial Findings Demonstrating Value in Lesions of Low Suspicion of Malignancy. *Acta Cytologica* 2021. doi: 10.1159/000515914
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### 10.41 Department of Transfusion Medicine & Blood Bank

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1. **Negi G**, Malhotra S, Meinia SK, **Kaur D**, Rai D. Adding further evidence for clinically significant anti-Le<sup>b</sup> antibody in a voluntary blood donor. *Asian J Transfus Sci*. 2020;14(2):198-199.
2. Mandal S, Malhotra S, **Negi G**, Tiwari A, Mitra S, Basu S, Singh P. Severe hemolytic disease of the fetus and newborn due to anti-E and anti-Jka. *Immunohematology*. 2020;36(2):60-63.
3. Maji M, Mandal S, Bhat NK, **Negi G**, Agarwal S. Prevalence of anemia among pediatric critical care survivors and impact of restrictive transfusion strategy on it: A study from North India. *Iraqi J Hematol* 2020; 9:97-100.
4. Chennamsetty EP, **Kaur D**, **Negi G** et.al. Blood transfusion in autoimmune haemolytic anaemia. *International Journal of Science & Healthcare Research*. 2020; 5(2): 258-262.
5. Agarwal S, **Kaur D**, Davood UB, Jindal S, **Negi G**. Cold agglutinin disease: a transfusion perspective. *International Journal of Science & Healthcare Research*. 2020; 5(3): 95-99.
6. Kaur P, Jindal S, **Negi G** et.al. Acquired hemophilia: an overview. *International Journal of Science & Healthcare Research*. 2020; 5(4): 369-375.
7. Bhatia R, Chakraborty A, Durgapal P, Walia R, **Kaur D**. Yellowish intertriginous plaques in a young girl: a clue to homozygous familial hypercholesterolemia. *Postgrad Med J*. 2020 ;96(1141):718.
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ence from a tertiary care center of Northern India. *Immunohaematology* 2020;36(3):93-98.

9. **Jain A**, Chowdhury N. Comparison of the accuracy of capillary hemoglobin estimation and venous hemoglobin estimation by two models of HemoCue against automated cell counter hemoglobin measurement. *Asian Journal of Transfusion Science*. 2020;14(1):49.

10. **Jain A**, Anthony ML, Gupta AK, Jain S, Meinia SK, Chowdhury N. Platelet indices show marked systematic bias on storage under ideal conditions: An important preanalytical factor affecting the interpretation of platelet indices. *Asian Journal of Transfusion Science*. 2020;14(2):208

#### 10.42 Department of Trauma Surgery

##### National Publication

1. Dubey S, Mohindru S, **Azam MQ**, **Sarkar B**. Orthopaedic and trauma management in covid-19 era: common problems and their probable solution in literature, a narrative review. *Journal of Clinical Orthopaedics*. 2020 Jul;5(2).
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3. Katiyar K, **Kumar A**, et al. An unusual mechanism of hook impalement injury- A case report. *Trauma Case Reports*, 2020-08-01, Volume 28, Article 100332
4. Katiyar K, **Kumar A**, et al. A successful off-pump cardiac repair following blunt cardiac rupture – A case report. *Trauma Case Reports*, 2020-10-01, Volume 29, Article 100344

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2. Dubey S, **Azam MQ**, Nongdamba H, **Sarkar B**, Agrahari H. Orthopaedic trauma during ongoing COVID 19 pandemic: Challenges and lessons learnt in a level I trauma center. *International Journal of Orthopaedics Sciences*. 2020;6:355-358.
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## 10.43 Department of Urology

## National Publication

1. Narain TA, Gautam G, Seth A, **Panwar VK**, Rawal S, Dhar P, Talwar HS, Singh A, Jaipuria J, **Mittal A**. Uro-oncology in times of COVID-19: The available evidence and recommendations in the Indian scenario. *Indian Journal of Cancer*. 2020;57(2):129.
2. Ranjan SK, **Mittal A**, **Kumar S**, Mammen KJ, **Navariya SC**, Bhirud DP. Epistaxis presenting as sentinel feature of metastatic renal cell carcinoma: A case report and review of literature. *J Family Med Prim Care* 2020;9:3766-9
3. Bhirud DP, **Mittal A**, Mavuduru RS, **Kumar S**, Ranjan S. Female Distal Urethral Primary Urothelial Carcinoma: Rare Entity and Management. *Indian J Surg*. 2020; 83:582–584.
4. Talwar HS, **Mittal A**, Panwar VP, Narain TA, Metastatic Ewing's sarcoma of the adrenal gland in a young Indian male: a rare fate. *Indian Journal of surgery*. 2020; 83: 767–769.
5. Manshahia PS, Bisht M, **Mittal A**, Bhatia M, Handu SS. A prospective, follow up study to assess guidelines compliance in uncomplicated urinary tract infection. *J Family Med Prim Care* 2020;9:4292-7.
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## International Publication

1. Sharma G, Sharma AP, Mavuduru RS, Bora GS, Devana SK, Singh SK, **Mandal AK**. Safety and efficacy of bipolar versus monopolar transurethral resection of bladder tumor: a systematic review and meta-analysis. *World J Urol*. 2021;39 (2):377-387.



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14. Anthony ML, Durgapal P, Joshi P, **Mittal A**, Sahai R, Kishore S, Singh A. Diagnostic pitfall of a rare variant of angiomyolipoma, epithelioidangiomyolipoma - a case report. *Pan African Medical Journal.* 2020;37(210). 10.11604/pamj.2020.37.210.26269
15. **Navriya SC**, **Kumar S**, Bhirud DP, Kandari A, **Panwar VK**, MammenKJ. Robot assisted laparoscopic appendiceal onlay ureteroplasty for complex right upper ureteric stricture. *Int. J. Urol.* 2020;S1(27) :<https://doi.org/10.1111/iju.14397>.
16. **Navriya SC**, Ranjan SK, **Kumar S**, Kandari AK, Narain TA, Mammen KJ. Strategies to Deliver Urology Services in the Times of COVID-19 Pandemic Based on Current Literature. *Clin Surg.* 2020; 5: 2907
17. Talwar HS, **Panwar VK**. New safe haven for maggots: a report of penile wound myiasis. *BMJ Case Rep* 2020;13: e237762.
18. Talwar HS, **Panwar VK**. Adenocarcinoma of the urinary bladder with inferior vena cava thrombus. *BMJ Case Reports.* 2020;13(11).
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# JOURNAL OF MEDICAL EVIDENCE



# 11 JOURNAL OF MEDICAL EVIDENCE

Official publication of the AIIMS Rishikesh

Editors- Dr. Samiran Nundy, Dr. Ravi Kant and Dr. Ajeet Bhadoria

## About the Journal

The Journal of Medical Evidence is a peer reviewed journal published by Wolters Kluwer, from the AIIMS Rishikesh. It is a non-for profit publication that does not charge any submission, processing or publication fee or restrict publication rights for its authors. The final accepted version of submissions to this journal may be archived and downloaded at <http://www.journaljme.org/>. We encourage submission of a variety of manuscripts, including original research papers, editorials, review articles, systematic reviews, case reports, brief communication, letters to the editor, speaking for myself, medicine and society, obituaries, clinical images, journal scans, how to do it and also have a student section, nurses section, and one on people we admire. Accomplishing medical research requires a lot of zealous efforts. The authors and

the reviewers are the two most important pillars of a scientific journal. Editors strongly desire submission of multiple articles across India and abroad, get prompt acceptance of an invitation by the reviewers, get a timely evaluation as per instructions of the journal, with the submission of detailed, constructive remarks and well-justified comments from the reviewers. We are thankful to reviewers on board, who invested their time and expertise and critically analyzed the manuscripts, raised queries and wrote comments to improve the quality of the manuscript. We sincerely hope that this journal will pass all the milestones of its infancy very successfully and soon we shall be able to get this precious journal indexed in reputed indexing agencies and welcome manuscript submissions at <https://review.jow.medknow.com/JME>.

## Editorial Board and Working Group of Journal of Medical Evidence –

S.No.	Name	
1	Samiran Nundy	Editor-in-Chief
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3	Ajeet Singh Bhadoria	Managing Editor
4	Patrick Kamath	Editorial Board (International)
5	Mithun Sinha	Editorial Board (International)
6	Ashwathanarayana	Editorial Board (International)
7	KamaramAbbasi	Editorial Board (International)
8	Sabyasachi Sen	Editorial Board (International)
9	Amit Goyal	Editorial Board (International)
10	ProkarDasgupta	Editorial Board (International)
11	SanjanaDayal	Editorial Board (International)
12	Damodar RKumbala	Editorial Board (International)
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15	Neeta Singh	Editorial Board (From India)
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26	Suresh K Sharma	Editorial Working Group
27	Jayanti Pant	Editorial Working Group
28	SriparnaBasu	Editorial Working Group
29	Shailendra SHandu	Editorial Working Group
30	Vijay Krishnan	Editorial Working Group

**Mission**

The primary goal of the journal is to be a high-quality academic journal with a national and international readership, and to be indexed in the most popular indexing systems. In order to accomplish this, we have a rigorous, but quick, peer review process that is used to ensure high-quality articles are published and provided in a meticulously designed format. To gauge the performance of our editorial team, we calculate the average acceptance and rejection rates, as well as the average time it takes for editors to make a decision. These metrics help us determine whether our editors are following the

peer review timeline outlined in the journal's policies, and whether the manuscript acceptance/rejection rates are in accordance with our targets. We hope that this journal will draw attention to the problems in our health care system and inspire our colleagues to investigate scientifically and offer up workable and sustainable solutions. The main objective is to promote a flow of ideas and information as an unfettered free exchange. This publication reflects the work solely of the authors but does not necessarily reflect the beliefs or views of the publishing institute or the editorial board

**Organogram****1. Departmental activities:****Weekly meetings-**

The Editor in chief and editors are perceived as part of an automated system, but efforts, core selection of editors, and editing of the articles require an untiring effort and demands a high level of dedication, perseverance, sincerity, and commitment. We hold weekly meetings held via online platforms, every Saturday under the chairmanship of Editor-in-chief Prof Nundy.

**Launch of first issue-**

On the afternoon of Independence Day, August 15, 2020, the All India Institute of Medical Sciences (AIIMS) Rishikesh held a launch ceremony, when the first issue of the "Journal of Medical Evidence" was officially released by our honourable Chief Guest, Prof Vinod Paul, member, NITI

Aayog. The Honoured Guests from AIIMS Rishikesh included Prof Samiran Nundy, President, Padma Shri awardee Prof Ravi Kant, Director, Prof Manoj Gupta, Dean Academics and Editorial Board members of the JME.

Prof Vinod Paul, addressed the gathering via a virtual platform. He applauded the release of the medical journal from the institute. An impressive start to the inauguration was given by Prof Nundy sir, who spoke of it being the most beautiful institute he had seen in the world. He pointed out that there is enough evidence to show that an institute with cutting edge research and publishing high quality papers can gain visibility and can improve its ranking in the world. The institute's own journal will play a critical role. There is a lot of evidence that publications and research also improve patient care by adopting evidence based practice.

Volume 1 Issue-1 (May-Aug 2020) published 18 manuscripts distributed in 11 sections. In 'How to Do It' section we published living donor liver transplantation and published two manuscripts submitted by MBBS students in Student Section.

Volume 1 Issue 2 (Sept-Dec 2020) published 29 manuscripts in 18 sections. It included "Interview with Environmentalists: Shri Sunderlal Bahuguna" and "Medical Education in India" by Dr. Muthu Krishna Mani. We also published a thought provoking write up from Dr NareshTrehan on 'Re-imagining private healthcare in India'. Stronger government health sub-system is the way to advance universal health coverage in India was an advocacy piece from Dr Chandrakant Lahariya, WHO Country Office. This issue also included manuscripts in Nurses' Section & a Journal Scan.

## 2. New initiative

Ahead of print section- We have also introduced ahead of print section, which

will include all accepted articles. Articles published online under the Ahead of Print model are considered published and can be cited and quoted using the DOI as the reference source.

## 3. Future plans

- a) The journal's goal is to publish high-quality research on a variety of topics in modern medicine. We expect to receive an even larger number of submissions. The standard of the journal will be maintained by the dedicated editorial team by adopting practises like blind peer review and timely maintenance of the manuscript flow from the time of submission to final decision.
- b) Process of indexing of the journal has been initiated. We have also increased the number of original and review
- c) articles and encourage authors to submit case reports which have an immediate relevance to clinical care.
- d) Inauguration of the JME Office located in the Central Library

# EXAMINATION SECTION



## 12 EXAMINATION SECTION

### Mission

Examination Section formulates standard operating procedures for various examinations, conducts and analyses all examinations in a fair and unbiased manner. The compilation and declaration of results is done in consultation with the Competent Authority. Besides this, examination section keeps all records pertaining to examinations also.

### ACTIVITIES OF EXAMINATION SECTION AND ITS VARIOUS COMMITTEES

#### DUTIES

- Conducting all the internal and professional examination throughout year in a fair manner
- Conducting Entrance examinations for academic courses biannually.

- Keeping confidential records of each examination.
- Preparation of question banks for MBBS and other courses for future use

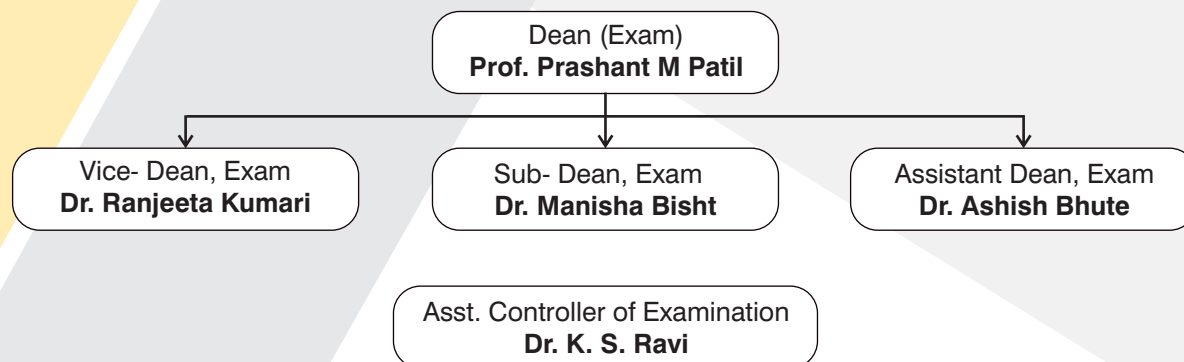
### EXAMINATION COMMITTEES

During each professional examination formation of Sub-committees.

Chief Examination Superintendent (CES)- overall In-charge of particular professional examination.

- Invigilators: Appointed for Dean examination
- Tabulation committee- to tabulate the marks and prepare the final result (including mark sheets)
- Unfair means committee- to take prompt and appropriate action into any unfair means during examinations

### Organogram



### l) Department has following members & staffs –

S.No.	Name of Member/staff	Designation
1	Farzana Yakub	JAO
2	Dinesh Bhatt	JAO
3	Sandeep Sharma	JAA
4	Arvind Kumar Gola	JAA
5	Rajesh Gaur	JAA
6	Sandeep Pundir	MRC
7	Vivek Pratap	MRC
8	Kuldeep Singh	MRC
9	Rakhi Ratan	LDC
10	Anita Anthwal	Attendant
11	Purna Nand Bhatt	Attendant



**I) Departmental activities :**  
Examinations conducted for MBBS from 1st April 2020 to 31st March 2021

Sl. No.	Date	Batch	Name of Examination	App- eared	Pass	Fail	Detained/ Absent	Distinction (at Least in One Subject)
1	Oct. 2020	2017	2nd MBBS Supplementary Examination	16	07	06	a) 02 (Absent in Pathology and 01 absent in all subjects) b) 02 (Detained in Microbiology & Pharmacology) c) 01 (Detained in Microbiology, Pharmacology & FMT)	00
2	Oct.2020	2016	3rd MBBS Supplementary Examination	08	08	00	01 (Detained in Psychiatry)	00
3	Oct. 2020	2015	4th MBBS Supplementary Examination	11	11	00	00	00
4	Jan. 2021	2016	4th MBBS Professional Examination	101	97	04	00	08 in Medicine 08 in Paediatrics 02 in Surgery 35 in Obs. & Gyn. 09 in Over all
5	Feb. 2021	2019	1st MBBS Professional Examination	101	100	01	00	04 (Anatomy) 16 (Physiology) 30 (Biochemistry) 14 (Over All)
6	Mar.- April 2021	2017	3rd MBBS Professional Examination	94	92	02	00	33 (Ophthalmology) 26 (Orthopaedics) 32 (ENT) 65 (Dermatology) 06 (Psychiatry) 02 (Over all)

## Examinations conducted for Nursing courses from 1st April 2020 to 31st March 2021

S. No	Date	BATCH	Name of Examination	APP- EARED	PASS	FAIL	DETAINED/ ABSENT	DISTINCTION (AT LEAST IN ONE SUBJECT)
1	Feb. 2021	2019	B.Sc. (Hons) Nursing 1st year Professional Exam	100	100	00	00	05 (Nutrition & Biochemistry) 09 (Nursing Foundation-I Theory) 07 (Nursing Foundation-II Theory) 06 (Over All)
2	Feb. 2021	2018	B.Sc. (Hons) Nursing 2nd year Professional Exam	98	97	01	01	absent in all subjects 07 (Microbiology) 01 (Pharmacology) 05 (Medical Surgical Nursing-I Theory) 02 (Over All)
3	Jan. 2021	2017	B.Sc. (Hons) Nursing 3rd year Professional Exam	57	57	00	00	06 (Medical Surgical Nursing II theory) 06 (Child Health Nursing theory) 11 (Mental Health Nursing theory) 40 (Obs. Gynae. Including Midwifery theory) (Over All)
10	July 2020	2016	B.Sc. (Hons) Nursing 4th year Professional Exam	36	36	00	00	15 (Communication & Educational Technology) 07 (Nursing Research & Statistics) 02 (Nursing Management) 05 (Over All)
5	July 2020	2019	M.Sc. Nursing 1st year Professional Exam	15	15	00	02 detained in Advance Nursing Practice	02 (Advance Nursing Practice) 01 (Nursing Research & Statistics) 04 (Clinical Speciality)
6	July 2020	2018	M.Sc. Nursing 2nd year Professional Exam	08	08	00	00	01 (Nursing Management) 01 (Clinical Speciality Theory) 05 (Over All)
7	Sept. 2020	2016	B.Sc. (Hons) Nursing 4th year Supplementary Exam	20	20	00	00	05 (Communication & Educational Technology) 03 (Nursing Research & Statistics) 05 (Nursing Management) 04 (Over All)
08	Sept. 2020	2019	M.Sc. Nursing 1st year Supplementary Exam	02	02	00	00	00
09	July 2020	2019	Post Basic Diploma in Operating Room NURSING	02	02	00	00	00

**EXIT EXAMINATIONS CONDUCTED OF PLASTER TECHNICIAN, HIGH ALTITUDE MEDICINE, FELLOWSHIP COURSES AND PDCC FROM 1st APRIL 2020 TO 31st MARCH 2021**

S. No.	DATE	BATCH	NAME OF EXAMINATION	Subject	APP-EARED	PASS	FAIL	DETAINED/ ABSENT	DISTINCTION (AT LEAST IN ONE SUBJECT)
01	June 2020	July 2019	PDCC	<ul style="list-style-type: none"> <li>• Neuro-anesthesia</li> <li>• Breast Imaging</li> <li>• Critical care Medicine</li> <li>• Female Pelvic Medicine &amp; Reconstruction</li> <li>• Gastro-radiology</li> <li>• Haemato-Oncology</li> <li>• Microbiology</li> <li>• Interventional Pain Medicine</li> <li>• Maternal &amp; Foetal Medicine</li> <li>• Onco-Pathology</li> <li>• Vascular Radiology</li> </ul>	21	21	00	00	00
02	Nov.2020	July2019	Diploma in Plaster Technician		01	01	00	00	00
03	Dec.2020	2020	PDCC	<ul style="list-style-type: none"> <li>• Breast Imaging</li> <li>• Cardiac Anaesthesia</li> <li>• Critical care Medicine</li> <li>• Cross Sectional Body Imaging</li> <li>• Female Pelvic Medicine &amp; Reconstruction</li> <li>• Gastro-radiology</li> <li>• Geriatric Medicine</li> <li>• Interventional Pain Medicine</li> <li>• Onco-anaesthesia</li> <li>• Maternal &amp; Foetal Medicine</li> <li>• Onco-Pathology</li> <li>• Paediatric Anaesthesia</li> <li>• Paediatric Gastroenterology</li> <li>• Vascular Radiology</li> </ul>	26	26	00	00	00
04	Dec.2020	2020	Fellowship in Sports Injuries & Arthroscopy		01	01	00	00	00
04	Dec.2020	2020	Fellowship in Trauma Rehabilitation		01	01	00	00	00
05	Nov.2020	Jan.2020	Certificate Course in High Altitude Medicine		05	05	00	00	00

## EXIT EXAMINATIONS CONDUCTED FOR PG (MD/MS), DM/M.Ch. &amp; MPH FROM 1st APRIL 2020 TO 31st MARCH 2021

S. No	DATE	BATCH	NAME OF EXAMINATION	Subjects	APPEARED	PASS	FAIL	DETAINED / ABSENT	DISTINCTION (AT LEAST IN ONE SUBJECT)
01	Apr-May 2020	July 2017	Post Graduate (MD/MS)	<ul style="list-style-type: none"> <li>• Anaesthesiology</li> <li>• Biochemistry</li> <li>• Community &amp; Family Medicine</li> <li>• Dermatology, Venereology &amp; Leprosy</li> <li>• E.N.T.</li> <li>• Forensic Medicine &amp; Toxicology</li> <li>• General Medicine</li> <li>• General Surgery</li> <li>• Microbiology</li> <li>• Nuclear Medicine</li> <li>• Transfusion Medicine</li> <li>• Obs. &amp; Gyn.</li> <li>• Ophthalmology</li> <li>• Orthopaedics</li> <li>• Paediatrics</li> <li>• Pathology</li> <li>• Pharmacology</li> <li>• Radio-diagnosis</li> <li>• Psychiatry</li> <li>• Radiation Oncology</li> </ul>	95	95	00	00	01 (Obs. & Gyn.)
02	Dec. 2020	Jan. 2018	Post Graduate (MD/MS)	<ul style="list-style-type: none"> <li>• Anaesthesiology</li> <li>• Anatomy</li> <li>• Community &amp; Family Medicine</li> <li>• Dentistry</li> <li>• Dermatology, Venereology &amp; Leprosy</li> <li>• E.N.T.</li> <li>• Forensic Medicine &amp; Toxicology</li> <li>• General Medicine</li> <li>• General Surgery</li> <li>• Microbiology</li> <li>• Obs. &amp; Gyn.</li> <li>• Ophthalmology</li> <li>• Paediatrics</li> <li>• Pathology</li> <li>• Orthopaedics</li> </ul>	86	86	00	00	00

03	Dec. 2020	Jan. 2018	DM/M.Ch.	<ul style="list-style-type: none"> <li>• Pharmacology</li> <li>• Physiology</li> <li>• Radio-diagnosis</li> <li>• Psychiatry</li> <li>• Radiation Oncology</li> <li>• Transfusion Medicine</li> </ul>	09	09	00	00	00
				<ul style="list-style-type: none"> <li>• DM Cardiology</li> <li>• DM Neuro-Anaesthesia &amp; Critical Care</li> <li>• DM Pulmonary &amp; Critical Care, Sleep Medicine</li> <li>• M.Ch. Neurosurgery</li> <li>• M.Ch. Plastic &amp; Reconstructive Surgery</li> <li>• M.Ch. Trauma Surgery &amp; Critical Care</li> <li>• M.Ch. Urology</li> </ul>					
04	July 2020	2018	MPH		03	03	00	00	00
05	Dec. 2020	Jan. 2019	MPH		09	09	00	00	00

**EXAMINATIONS CONDUCTED FOR ENTRANCE EXAMINATION FROM 1st APRIL 2020 TO 31st MARCH 2021**

S.NO.	NAME OF EXAMINATION	WRITTEN EXAMINATION DATE	APPEARED CANDIDATES
1	<ul style="list-style-type: none"> <li>• Advanced Echocardiography (03 candidates appeared)</li> <li>• Diploma in Plaster Technician (02 candidates appeared)</li> <li>• MBA (HCA) &amp; MHA Dual Degree (04 candidates appeared)</li> <li>• Master in Hospital Administration (01 candidate appeared)</li> <li>• M.Sc. Courses (19 candidates appeared)</li> </ul>	18/07/2020	29
2	Entrance exam of DM/M.Ch., PDCC & Fellowship	19/07/2020	84
3	Entrance Exam of MPH	21/12/2020	65
3	Entrance Exam of Plaster Technician	24/12/2020	01
4	Nursing Tutor/Clinical Instructor on tenure basis	4/2/2021	76
5	PG NEET Diploma course	15/2/2021	108
6	M.Ch. orthopaedics entrance exam	26/2/2021	29
7	PDCC entrance exam	15/3/2021	29
8	Skill Test for the Post of Stenographer (on direct recruitment basis)	21/02/2021	22

**WORKSHOP / CONFERENCE / TRAINING ORGANIZED BY DEPARTMENT / SECTION**

1. Orientation training of Tagging of questions for nominated faculty in the subjects of Anatomy, Physiology and Biochemistry was conducted on 19/08/2020 for tagging of questions in question bank of MBBS.
2. Orientation training of Tagging of questions for nominated faculty in the subjects of Microbiology, Pathology, Pharmacology and Forensic Medicine & Toxicology was conducted on 02/09/2020 for tagging of questions in question bank of MBBS.

**New initiative by department/section**

Online Examination of MD/MS, DM/M.Ch., MBBS, B.Sc. (Hons.) Nursing, M.Sc. Nursing, MPH, through video conferencing during COVID 19 Pandemic

**Other activity/achievement by department/section**

1. Processes preparation for online enrollment card and admit card
2. Initiated automatic SMS service to intimate examiners regarding status of remuneration to their respective bank account.
3. Tagging of questions in the MBBS question bank for subjects of Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Pharmacology and Forensic Medicine & Toxicology was done.

**Future plan of department/section**

1. Conducting training of all faculty on Assessment methods for various exams for faculty development
2. Development of Manual of Assessment at AIIMS, Rishikesh.
3. Compilation of Question bank in a systematic manner for MBBS and BSc Nursing courses with coding of each clinical vignette for ease in retrieval.
4. Back up of all examination's question papers and question banks to be kept in hard disk and cloud.
5. Training of all staff on handling Excel, google drive, working on email while using google drive options.
6. Development of automated portal system for receiving questions from external and internal examiners.

7. Streamlining of all internal processes involved in the conduct of an exam which involves preliminary checking of question papers for its appropriateness, preparation of checklist of tasks to be done, compilation of all letters to be sent for an exam, compilation of all note sheets, checklist of work and items to be arranged for the day of exam, Revision of OMR sheet, Responsibilities of support staff, invigilators, chief invigilators, examination superintendent, format of remuneration etc.
8. Training of examination support staff regarding various processes during conduct of an examination.

**II) Member's activities :****E-Office**

- a) COVID-19 Sensitization Training attended by all staff
- b) Dr. Ranjeeta Kumari invited for attending Item Writing Workshop, conducted by National Board of Examination at New Delhi, 12 March 2021.
- c) Prof. Prashant M. Patil, Dr. Ranjeeta Kumari, Dr Manisha Bisht- conducted Orientation training for tagging of questions at AIIMS, Rishikesh.

# ENGINEERING SECTION



Air Rescue



Heliport Inauguration



Air Rescue



LELA Machine



Heliport Inauguration



Auditorium



DG Set



Lawn Tennis





Heliport Inauguration



Jan Aushadhi Kendra



Jan Aushadhi Kendra



Laundry





**Type VIII Quarter**



**Heliport Test Landing**



**Faculty Cabins**



**Type V & Type VI**

## 13 ENGINEERING SECTION



AIIMS Rishikesh is located at the bank of river Ganga at altitude of 372 meters above sea level nestled in beautiful hilly terrain. Rishikesh lies in foothill of Himalayas and comes under Zone – IV which is considered to be the high seismic zone and requires lot of engineering precautions to be taken during pre-construction and post construction stage. Rishikesh - has a pleasant climate for many months of the year. In the months of summer, temperature in Rishikesh varies from 35 degrees to 45 degrees Celsius. The temperature ranges from 10 degrees to 30 degrees Celsius in the months of winter. The weather of Rishikesh often becomes unpredictable. There is frequent precipitation that takes place. The annual mean rainfall in Rishikesh is about 2136.7 mm.

Engineering section headed by Superintending Engineer AIIMS Shri B S Rawat with supporting members Executive Engineer (Civil) Shri Ajay Kumar, Executive Engineer (E) Shri Indrajeet Singh and followed by AEs and JEs with Technicians.

Area of AIIMS Campus is 101 acre whereas total built up area of campus is 207340 sqm, comprising of 165000 sqm of non-Residential areas and 42340 sqm of Residential areas. About 99% work of phase -1 work has been completed.

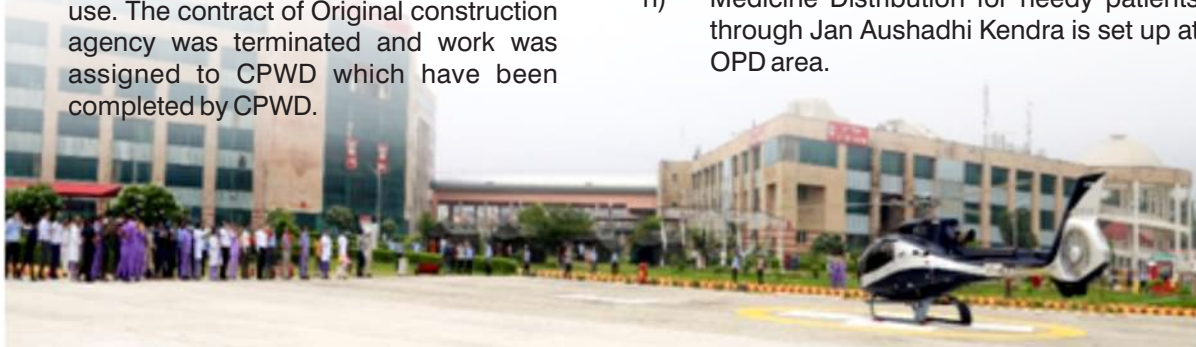
### A. Infrastructure development in Institute

During year, 2020-21, various construction works has been completed which added following facilities at AIIMS Rishikesh.

### B. Details of phase wise work completed in Institute

- a) 25 nos. MOT at Hospital building and Trauma Center have been completed and all are in public use.
- b) Trauma center and Nursing College are in use. The contract of Original construction agency was terminated and work was assigned to CPWD which have been completed by CPWD.

- c) Helipad constructed and successful landing has been done and inauguration done by Chief Minister of Uttarakhand.
- d) Type-VIII Quarter construction completed and is in use.
- e) 2250 KVA DG set installation for HVAC system is completed. Testing and commissioning is under progress.
- f) Two Lawn Tennis Court constructed as per international standard.
- g) In house Laundry Made functional.
- h) Medicine Distribution for needy patients through Jan Aushadhi Kendra is set up at OPD area.



**C. Ongoing work in Institute:**

Sr. No	Name of work	Approx. Estimated cost	Remarks
1.	Construction of Auditorium Building	24.00 Cr.	Work has been entrusted to CPWD and is likely to be completed by 30.11.2020
2.	72nos. Type-V quarters & 27 Type-VI quarters	81.35 Cr.	Work has been entrusted to CPWD and likely to be completed by 31.12.2020
3	Construction of VRDL lab at AIIMS Rishikesh	0.61 Cr.	Construction in progress and is likely to be hand over 30.09.2021.
4	Construction of MRU lab at AIIMS Rishikesh	0.92 Cr.	Construction in progress and is likely to be hand over 30.08.2021.
5	Construction of IVF lab at AIIMS Rishikesh	1.20 Cr.	Construction in progress and is likely to be hand over 05.05.2021.
6	Supply and installation of 4 No. lift at AIIMS Rishikesh	2.38 Cr.	Work in progress and likely to be hand over by 10.08.2021.
7	SITC of cooling tower for HVAC system	0.50 Cr.	Work in progress and likely to be hand over by 30.08.2021.
8	Construction of Molecular lab at AIIMS Rishikesh	0.98 Cr.	Work in progress and likely to be hand over by 15.09.2021.

**D. Future plans:**

Sl. No.	Name of Work	Approx. Estimated Cost	Remarks
1.	Construction of Academic Block	97.61 Cr	Administrative approval received. Work assigned to CPWD. Further Action to call tender and Execution of work is being taken up by CPWD.
2.	Construction of Transplant Center	97.61 Cr	Administrative approval received. Work assigned to CPWD. Further Action to call tender and Execution of work is being taken up by CPWD.
3.	Construction of Advance Oncology	97.00 Cr	Administrative approval received. Estimate is being processed by CPWD.
4.	Construction of sports cum Shopping Complex	35.00 Cr	Work will be entrusted to CPWD.
5.	Construction of Cardio Neuro Centre	220.00 Cr	Administrative approval received. Work assigned to CPWD. Further Action to call tender and Execution of work is being taken up by CPWD.
6.	Construction of 2nd block of oncology with two bunkers at ground floor	22.00 Cr	Estimate are being processed
7.	Construction of multistoried parking	20.00 Cr	Estimate are being processed
8.	Construction of 600 Nos SR JR Transit accommodations for SR's	95.00 Cr	Administrative approval received. Work assigned to CPWD. Further Action to call tender and Execution of work is being taken up by CPWD.
9	Construction of Working women hostel.	95.00 Cr.	Administrative approval received. Work assigned to CPWD. Further Action to call tender and Execution of work is being taken up by CPWD.

# CORPORATE SOCIAL OUTREACH CELL



Nodal officer investigating people in health camp Ranipokhari under Covid-19 Community Task Force



Mask Distribution



Mask Distribution in School



Vacination awarness programme in Raiwala



Awarness camp

## 14. CORPORATE SOCIAL OUTREACH CELL

AIIMS Rishikesh has a mandate of providing primary care and outreach medical services to the community at large scale. The Institution ensures equitable access to these health care services. Besides providing facility based medical care, the institution promotes participation of all departments to actively engage in providing outreach health care services. These services include Promotive, Preventive as well as Curative care. These outreach programs play a critical role in improving and extending the reach of health care through activities such as health education, awareness, patients management, basic health screening, and facilitating access to services in AIIMS Rishikesh. These activities can directly and indirectly improve health outcomes of individuals and communities. Social outreach cell of the Institute has been continuously participating in outreach services in remote and hard to reach area of

Uttarakhand. Outreach cell is frequently getting request from NGO, different stakeholders from society and others village organization to provide health services in form of health camp and awareness programme in most needy area of Community. In order to coordinate between different departments for organizing these outreach activities, Nodal officer and outreach staff have regular planning, meetings, discussion and inter sectoral coordination with others departments and faculty of the institute. We have an extensive program of social outreach activity, including on-campus and off-campus social awareness workshops, competitions and donation drives. The three main goals of an outreach program are to improve learning, promoting civic engagement for health & wellbeing, and strengthening communities through addressing their societal needs.

### Department/Cell has following members & staffs –

Sl.No.	Name of Member/staff	Designation
1	Dr. Santosh Kumar	Associate Professor CFM Nodal Officer & Sub-Dean
2	Mr. Harish Thapliyal	Public Relation Officer
3	Mr. Pradeep Chand Pandey	Law Officer
4	Miss. Sandhya Bangwal	MRC
5	Mr. Pankaj Uniyal	COVID-19 field supervisor
6	Mr. Trilok Singh	Office Attendant

### Mission:

The objective of the Social outreach cell is to improve the health status of the people in rural underserved and inaccessible areas through high-quality preventive, promotive, curative healthcare services at their door steps. The outreach program involves working closely with the district and village level healthcare administration and also with the ASHA, Anganwadi workers and ANMs on the ground. A concerted effort was made to involve the community in delivering these services and that is the hallmark

of a good community outreach program. Well organized and efficient fleet management systems, real-time monitoring and outcome orientation ensured continuity of service delivery. The Community Outreach Program is a platform that can be integrated with other public health, national programme and others existing community welfare Programme. Social, economic, cultural and behavioural domain of human life are also addressed by outreach cell to ensure the productive health and wellbeing of community.

### I) Departmental activity:

#### 1. Health awareness/ educational activities organized by department/Cell

S. No.	Date	Place	No. of total Students, Teachers & Peoples	Purpose	Organising Committee
1	5 Aug 20	Unnat Bharat Abhiyan, Ranipokhari	40	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
2	6 Aug 20	Ganga Nagar, Satsang Bhawan		Blood Donation camp	Rotary Club
3	17 Aug 20	Unnat Bharat Abhiyan, Ganga Bhogpur	60	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
4	8 Aug 20	Unnat Bharat Abhiyan, Thanu	42	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh

5	7-Sep-20	Unnat Bharat Abhiyan, Shyampur	55	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
6	6-Aug-20	Satsang Bhavan Ganga Nagar, Rishikesh	330	Blood Donation & Covid-19 Awareness Campaign	AIIMS Rishikesh & Rotary Club
7	13-Oct-20	Triveni Ghat to Astha Path Bairaj, Rishikesh	710	Covid-19 Awareness Programme	AIIMS Rishikesh & NGOs (Rotary Club, Loins Club ..etc)
8	23-Oct-20	Koyal Ghati Rishikesh	300	Covid-19 Rapid Antigen Test	AIIMS Rishikesh & Rotary Club
9	25-Oct-20	Tiveni Ghat Rishikesh	600	Mask Bank Established	AIIMS Rishikesh & NGOs (Rotary Club, Loins Club ..etc)
10	13-Nov-20	Sarwhara Nagar, Rishikesh	650	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
11	18-Nov-20	Chila Pauri Garhwal	150	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
12	20-Nov-20	Govt.Inter College Gangabhogpur (P.G.)	150	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
13	27-Nov-20	Govt.Inter College Shyampur Khadri	200	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
14	2-Dec-20	Labour Colony Rishikesh	700	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
15	3-Dec-20	Shri Bharat Mandir Inter College Rishikesh	300	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
16	4-Dec-20	Govt. Inter College Diuli Pauri Garhwal	160	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
17	7-Dec-20	Shri Purnanand Inter College Muni ki Reti Rishikesh	120	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
18	11-Dec-20	Govt. Inter College IDPL Rishikesh	180	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
19	14-Dec-20	Punjab Sindh Chetra Inter College Rishikesh	100	Covid-19 Awareness Mask Donation Programme	AIIMS Rishikesh
20	9-Jan-21	Unnat Bharat Abhiyan, Maa Aanandmayi Memorial School Raiwala	320	Covid Vaccine & Covid Behaviour Programme	AIIMS Rishikesh
21	10-Jan-21	Ranipokhari Dehradun	380	Covid Vaccine & Covid Behaviour Programme	AIIMS Rishikesh
22	22-Mar-21	Khadri Inter Collage	250	Post Covid effect on students	AIIMS Rishikesh
23	10-Apr-21	Shanti Nagar & Kailash Gate	150	Covid -19 & Dengue awareness programme	AIIMS Rishikesh
24	14-Apr-21	Shanti Nagar	160	Health Check-up	AIIMS Rishikesh
<b>Total No.of People</b>			<b>6107</b>		

## 2. Workshop / conference / training organized by department / Cell

We all are facing an unprecedented situation and witnessing a historic period in this Covid-19 era. An international webinar on “Psychological well-being among youth during Covid-19” was organised by the Social outreach cell, AIIMS Rishikesh in collaboration with Uttarakhand Sciences Education and Research Centre (USERC). This event aimed to address academic, personnel, emotional and social stress of youth during COVID-19 pandemic and coping strategy by eminent national and international speakers.

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## 3. Awards / honours received by department/Cell

The Nodal Officer of Social Outreach Cell Dr. Santosh Kumar has been awarded by following awards for his outstanding work during the covid-19 pandemic:

- Corona Yodha.
- The best teacher award by Uttarakhand government.
- Appreciation certificate for outreach activity.
- Corona Warrior
- Teacher of the Year

## 4. New initiative of department / Cell

AIIMS Rishikesh has established COVID-19 Community Task Force, with the aim to create awareness regarding the COVID-19 protective conception among the community. Also the problems & difficulty related to COVID-19 is addressed through an online support system operated by the Department of Community and Family Medicine, AIIMS, Rishikesh.

Mask bank was started by AIIMS Rishikesh Covid-19 Community Task Force on the auspicious occasion of Vijay Dashami on 25-10-2020 at Triveni Ghat to provide masks to the common people, especially to those who cannot afford to purchase it due to lack of money. At present the mask bank is running with the support of AIIMS administration and social organization. Moreover, People present at Triveni Ghat during the inauguration was also educated regarding the importance of wearing masks and to be maintain two yards distance to prevent corona infection.

This was the first attempt in Uttarakhand state and now the competent public is requested to come forward and donate the mask. Further, these masks will be distributed to needy and poor people.

## 5. Other activities / achievement by Department / Cell

- a) More than 50,000 masks were distributed by social outreach cell AIIMS Rishikesh.
- b) Under Unnat Bharat Abhiyan we have adopted five villages and continuously we are providing services to the villages.
- c) Social Outreach Cell has started Covid-19 task force news letter from January 2021.

## 6. Future plans

- a) Connecting people through online platform for COVID-19 management in form of community samwad.
- b) Connecting student for their wellbeing during covid-19 pandemic through online platform.
- c) Collaboration with Ladli Foundation & Ashay Jankalyan Seva Samiti for providing online Consultation to each and every needy person of the country.
- d) Online consultation & telemedicine
- e) Doorstep, Health care approach through telephonic.
- f) Tele consultant for medical talk.





Post operative photograph of a 2 year old patient operated for Total correction of Tetralogy of Fallot (TOF)



Post operative photograph of a 6 months old patient operated for Developmental Dysplasia of Hip (DDH)



Happy family after getting treatment under RBSK

# RASHTRIYA BAL SWASTHYA KARYAKRAM (RBSK)



Meeting with concerned consultants at AIIMS to discuss issues related to RBSK implementation before renewal of RBSK MoU

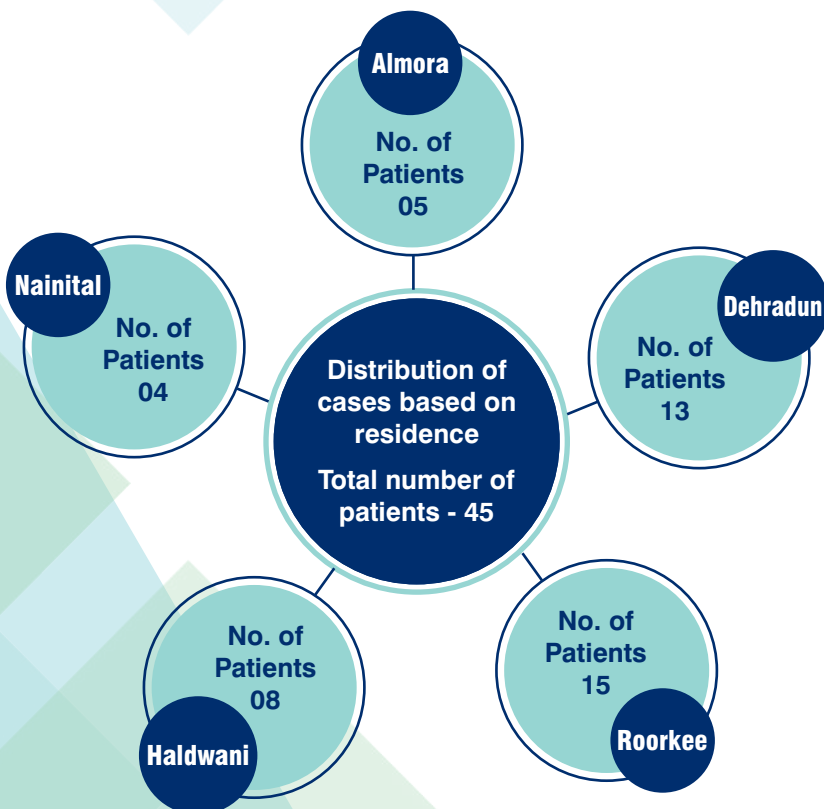
## 15 RASHTRIYA BAL SWASTHYA KARYAKRAM (RBSK)

Rashtriya Bal SwasthyaKaryakram (RBSK) is an initiative launched by Ministry of Health and Family welfare. The program envisages to reach out to children from birth to eighteen years - new born, preschool & school children, and ensures early identification and treatment of 4 D's - Defects at birth, Diseases, Deficiencies and Developmental delays along with disabilities.

Being a tertiary center AIIMS, Rishikesh conducts all surgical procedures which come under RBSK. Despite of COVID 19 total number of patients enrolled under RBSK in the current year were 45, Total number of surgeries performed under RBSK were 15. This program covers 30 Identified diseases.

S.No	Department	Diseases	Number of surgeries	Total
1	CTVS	VSD Surgical Closure	03	12
		ASD Surgical closure	01	
		Systemic Pulmonary Shunt with Graft	01	
		PDA Ligation	01	
		Total correction of TOF	03	
		Glenn shunt	02	
		Balloon Pulmonary Valvotomy	01	
2	Orthopedics	Developmental Dysplasia of Hip	02	02
5	Ophthalmology	Strabismus (Single Muscle Surgery)	01	01
<b>Total number of surgeries performed under RBSK</b>			<b>15</b>	

### Distribution of cases based on residence:



**Department has following members & staffs –**

Sl.No.	Name of Member/staff	Designation
1	Dr. Ranjeeta Kumari (Nodal Officer RBSK)	Additional Professor
2	Pooja Bangwal	Nursing Officer (Coordinator)
3	Lakshmi Rawat	Nursing Officer (Coordinator)

**I) Departmental activity :**

RBSK team efforts to give full support and benefit of program to maximum number of patients by enrolling them under RBSK. Major surgeries like Bi directional Glenn, Total correction of TOF has been operated under RBSK with the coordination of CTVS department.

Participated in conferences / workshops / trainings

Participated in 2nd AIIMS ponseti clubfoot work shop organized by orthopaedic department of AIIMS Rishikesh.

**Health awareness / educational activities organized by department**

- RBSK coordinator conduct awareness program in different departments about functioning of RBSK.
- Health education is given to family members of patients by RBSK coordinators.
- RBSK coordinators also provide updates of program to concerned departments

**New initiative by department**

- RBSK facilitates direct enrolment of patients under RBSK if patient fulfilled criteria of under treatment RBSK category.
- Enrolment under RBSK became smoother as RBSK team assisted patients in enrolment process.
- Team RBSK directly coordinated with different District Early Intervention centres regarding patient's condition & documentation.
- Pre authorization process became smoother as Uttarakhand health and family welfare society agreed for pre authorization of patients, by HOD of concerned department at AIIMS Rishikesh.
- Renewal process of RBSK MoU was initiated for next three years.

**II) Member's activities**

Pooja Bangwal	Nursing Officer (Coordinator)
Lakshmi Rawat	Nursing Officer (Coordinator)

# AYUSHMAN BHARAT YOJANA



## 16 AYUSHMAN BHARAT YOJANA

Ayushman Bharat Yojana was launched on 23rd September 2018, by the Prime Minister Shri Narendra Modi. The scheme is also called Pradhan Mantri Jan Arogya Yojana (PMJAY) or the National Health Protection Scheme (NHPS). It is also the biggest government funded healthcare scheme in the world. In his 2018, Independence Day Speech the Prime Minister announced Ayushman Bharat – National Health Protection Scheme (AB-NHPS). Under the AB-NHPS, National Health Insurance Scheme was launched as a pilot project.

The scheme under Ayushman Bharat-National Health Protection Scheme covers medical as well as hospitalization expenses of the enlisted beneficiaries. The scheme aiming for the deprived and poor families in urban and rural

parts of the country is estimated to benefit nearly 10 crore families of the country.

The AB-NHPS ensures a health cover of Rs 5 Lakh to each of the enlisted families for hospitalization in secondary and tertiary levels. To get maximum number of beneficiaries, no criterion has been fixed for the size of the family or the age of members. The scheme includes member of any age group from a nuclear family to even a large joint family.

Further, the beneficiaries can avail the services at the government hospitals or empanelled private hospitals. Every empanelled hospital has a "AyushmanMitra" to facilitate the process and to assist the beneficiary by coordinating with the due procedure.

Department has following members & staffs –

Sl.No.	Name of Member/staff	Designation
1	Dr.ArunGoel	Faculty Incharge, Ayushman
2	Dr.MadurUniyal	Faculty Co-Incharge, Ayushman
3	Archana Joshi	Junior Admin Officer
4	Ravindra Kumar	Assistant Admin Officer
5	Kamal Juyal	AyushmanMitra
6	Vijit Verma	AyushmanMitra
7	Mahesh Kothari	AyushmanMitra
8	DevendraRawat	AyushmanMitra
9	Preeti Negi	AyushmanMitra
10	ManbirRawat	AyushmanMitra
11	JyotiSemwal	AyushmanMitra
12	Naveen Joshi	AyushmanMitra
13	SushmaRawat	AyushmanMitra
14	Pooja Mishra	AyushmanMitra
15	Amit Mishra	AyushmanMitra
16	VikasRawat	AyushmanMitra
17	Danish mansoor	AyushmanMitra
18	Amandeep Negi	AyushmanMitra
19	Reena Pathak	AyushmanMitra
20	SarwanSemwal	AyushmanMitra
21	Manisha Deundi	AyushmanMitra
22	Janki Prasad Bhatt	AyushmanMitra
23	Raj Kumar	SKCC

### I) Departmental activity :

#### 1. Activity/achievement of department

As per data provided by NHA and also published in newspaper that AIIMS Rishikesh is ranked as Number 1 AIIMS among all other AIIMS for treating highest number of patients under Ayushman Bharat Yojna.

#### 2. Health awareness / educational activities organized by department

- Institute always emphasized in order to create awareness and continues sensitization among Doctors and team.
- Further for beneficiaries under Ayushman Bharat Yojna Banners, poster and notices are placed on conspicuous places at AIIMS Rishikesh

### 3. Workshop / conference / training organized by department

- a) Institute has Organized Public lecture regarding awareness of Ayushman Bharat Yojana.
- b) Institute has also organized various conferences/and discussions for sensitization among Senior Resident, Junior Resident and Nursing officer for working procedures in line with Ayushman Bharat Yojana scheme.

### 4. New initiatives of department

- a) Institute has separate registration counters for Cancer and Dialysis and Cardiac patients keeping in view of emergent situation.
- b) Institute has also started compliance with implementation of State Government Health Scheme (SGHS) introduced by State Government from January 2021.

### 5. Awards/honour received by department

- a) AIIMS Rishikesh is awarded with certificate for its Exemplary performance under Ayushman Bharat Pradhan Mantri Jan ArogyaYojna by Hon'ble Chief Minister, Uttarakhand on 29th of January. We are glad to inform you that we are ranked number one in all AIIMS as per NHA data.
- b) Appreciation in Newspapers for its medical services provided to beneficiaries of Ayushman Bharat Yojna.
- c) Ms.Preeti Negi (AyushmanMitra) photo was published in the coffee table book of Ayushman Bharat due to superior services in Ayushman Bharat.

### 6. Future plan of department

- a) To provide its services to every beneficiary of Ayushman Bharat Yojna.
- b) To emphasized on holding workshops and conferences for Doctors and Nurses at institute for better understanding of Scheme.
- c) To also emphasized for holding discussions where doctors can share their suggestion for any new package so that benefit of the same can be provided to beneficiaries.
- d) To emphasized on creating awareness and sensitization amongst patients.
- e) To develop the medical facilities which are

useful in treatment by which new procedures can also be added in package list in the interest of patients.

- f) To develop the infrastructure so that number of counters can be increased for running counters 24x7 without any hindrance.
- g) This scheme will surely improve the quality of life of the weaker sections of society who are held back drastically due to health issues that can easily be tackled with timely care and finances.

### 7. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ panellist / Quiz Master)

Training / Sensitization to Faculties, Officers, SRs, JRs, staffs has been given by its Dr. Arun Goel & Mr. Kamal Juyal

### 8. Awards & honours received

- a) AIIMS, Rishikesh Ayushman Bharat was honoured by Honorable chief Minister Uttarakhand on 29/01/2021 for their superior services in Atal Ayushman Uttarakhand Yojna. We are glad to inform you that we are ranked number one in all AIIMS as per NHA data.
- b) Ms.Preeti Negi (Ayushman Mitra) photo was published in the coffee table book of Ayushman Bharat due to superior services in Ayushman Bharat.



# QUALITY CELL



## 17 QUALITY CELL

Quality management is the act of overseeing all activities and tasks that must be accomplished to maintain a desired level of excellence in an institution. This includes the determination of a quality policy, creating and implementing quality planning and assurance, and quality control and quality improvement. Quality

management processes make the institution a better place to work. One of the key goals of any quality management system is to improve quality of services, our institution provides. Quality in such a system has three components: high accuracy, compliance with applicable standards, and high patient satisfaction

### Department/Cell has following members & staffs –

S.No.	Name of Member/staff	Designation
1	Dr. U.B. Mishra	Dean (Hospital Affairs)
2	Dr.Mrinal Barua	Vice Dean
3	Dr.Anubha Agarwal	Sub Dean
4	Dr.Mridul Dhar	Assistant Dean

### Mission

Achieve NABH Accreditation to improve quality of patient care services and patient satisfaction provided by Institute.

### 1) Departmental / Cell activities:

#### 1. Health awareness/ educational activities organized by department/Cell

- Celebrated World Quality Day on 19 November 2020 by appreciation to departments contributing in improving quality and safety of services etc. including Engineering, Infection Control Team, Nursing team, Sanitation & Biomedical Waste management team, Laundry, Dietician etc.
- Celebrated World's food day on 16 Oct 2020 to educate patients about importance of healthy food by dieticians
- Nukkad Natak & Health Talk were conducted by nursing officials on Personal Hygiene for patient's awareness.
- Health Education Program on Personal Hygiene & COVID-19 Precautions was conducted for kitchen staff by dieticians.
- Programs on hand hygiene awareness were conducted with the help of ICNs to educate patients as well as Staff

#### 2. Workshop / conference / training organized by department / cell

- Trainings pertaining to NABH guidelines were conducted.
- As preparedness of Institute, following mock drills were organised to manage emergencies-
  - Code Red Mock drill was held on 3 Sep 2020.

- Code Pink Mock drill was held on 17 Sep 2020.
- Code Blue Mock drill was held on 9 Dec 2020.

#### 3. Awards / honours received by department / Cell

- Membership of Quality Council of India (30 Aug 2020 to 31 Aug 2021).
- Kayakalp Commendation award for the year 2019-2020.

#### 4. New initiative of department/cell

- Quality team is working under guidance of Prof. U B Mishra, Dean Hospital affairs and Head department of Hospital Administration.
- Clean and Green Award" was given during "Quality Month 2020" observed by a team.
    - Oncology Ward
    - Pediatric Surgery ward
    - Medicine Ward
  - Poster Competition was held during Quality Month.
  - To improve accessibility of location of facilities for patients as well as staff, directional and information Signages were displayed in hospital.
  - Various key performance Indicators were identified and are monitored regularly to improve quality of patient care services.
  - Legal tracker is prepared and tracked regularly to update licences and legal authorisations by Institute.
  - Safety and infection control committees are constituted and meetings held regularly. Safety rounds and infection prevention initiatives are also taken



**5. Other activity/achievement of department/cell**

- a) Internal Assessment of Hospital Areas done by faculty In-charges.
- b) Medical Record Audit conducted and feedback given to departments to improve quality of medical records
- c) Quality meetings are held regularly to monitor progress of various activities.
- d) Quality and Accreditation rounds were taken in wards, OPDs, pharmacy, ORs etc. to review accreditation process
- e) Meetings regarding Safety Committee, Bio Medical waste management were held

**6. Future plan of department/cell****To achieve:**

- a) NABH Accreditation – pre entry level in initial phase
- b) Other NABH Accreditation (Hospital & Blood bank)
- c) NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC) Accreditation.

**II) Member's activities:****Prof. U.B Mishra  
Dean (Hospital Affairs)****1. Participated in CME / conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ delegates/ panellist/ Quiz Master)**

- a) Selected Member of Accreditation Committee, NABH
- b) Participated in Accreditation Committee meetings for granting accreditation to various hospitals on Video Conferencing.
- c) Resource person in institute Quality meeting.
- d) Conducted monthly NABH workshops on Quality and documentation.

**2. Awards & honours received**

Contributed for Kayakalp Commendation award 2019-2020 to AIIMS Rishikesh.

**Dr. Anubha Agarwal  
Sub-dean (Quality)****1. Participated in conferences / workshops / trainings for Quality Cell (As Guest Lecturer / resource person / chairperson / co-chairperson/ delegates/ panellist/ Quiz Master)**

- a) Resource faculty for one-day interactive workshop on Documentation requirement for patient safety and quality improvement held on 18.10.20 August 2020 by NABH, Quality Council of India
- b) Participated in 'Mind body medicine workshop' at AIIMS Rishikesh on 3-4 Feb 2020
- c) Participated in 'Evidenced based Medicine in Current Clinical Practice' on 13 May 2020 organised by EBSCO information services
- d) Participated in Quality and safety in health care virtual workshops by Quality Council of India on: leadership and culture for change during COVID-19 held on 6 August
- e) Participated in virtual workshops by Quality Council of India on Doing more with less reducing waste and improving quality held on 14 August 2020
- f) Certificate of participation in program on 'Psychological well-being among youth during Covid-19' organised by Uttarakhand Science Education and Research Centre, Department of information & Science Technology in collaboration with Social outreach cell of AIIMS Rishikesh on 26 August 2020
- g) Participated in virtual workshops by Quality Council of India on Continual quality improvement tools and techniques held on 13 September 2021
- h) Participated in virtual workshops by Quality Council of India on Improving safety post-pandemic held on 30 July 2020.
- i) Workplace assessment for safety and hygiene standards organised by Zed Division Quality Council of India on 8 August 2020
- j) Quality Council of India on 8 August 2020
- k) Participated as delegate in introductory course on research methodology and bio stats held on 24 August 2020 to 25 September 2020 by Institute of Applied Statistics, ICMR

**2. Awards & honours received for Quality Cell**

- a) Certificate of appreciation for contributing during Covid Pandemic by AIIMS Rishikesh, Ministry of Health & family Welfare
- b) Contributed for Kayakalp Commendation award 2019-2020 to AIIMS Rishikesh





# EVENTS & CELEBRATIONS



## 18 EVENTS & CELEBRATIONS

Events and celebrations form an integral part of activities in AIIMS Rishikesh. These include celebrations related to national festivals, remembering, and paying homage to great national leaders on their birthdays, faculty and student related events and other celebrations in the Institute which bring the campus together as a family.



### A. Ambedkar Jayanti

Dr. Baba Saheb Bhimrao Ambedkar’s birthday was celebrated maintaining all covid precautions. The Director, Members of administration and staff paid homage to the great social reformer and thinker. His contributions towards nation and society were remembered.



AMBEDKAR JAYANTI

## B. Radio Pyrexia 2020-21

### Radio Pyrexia

Feel the chills.....

The Radio Pyrexia was established in 2020, is a campus Radio Station inside the campus, AIIMS Rishikesh.

It was inaugurated by Director Prof. Ravi Kant sir on 25th April 2020. Prof. Ravi Kant sir emphasized that the larger participation of faculty and students will strengthen the AIIMS Rishikesh campus and make it popular among the community residing in and around Hospital Campus.

Campus Radio Station is managed by the Residents and MBBS students under the guidance of their Faculty incharges. Team members include Dr. Madhur Uniyal, Dr. Abhishek Agrawal, Dr. Rupinder Deol and later joined by Dr. Namrata Gaur (Faculty Incharge), Dr. Pragya and Dr. Gaurika (Resident incharge), Dr. Kheta Ram, Dr. Naresh, Dr. Subhrata (MBBS students).

The main thrust area of Radio Pyrexia is to broadcast student-centric community-based programs.

In addition to these programs music and songs are also introduced into it to make the program more interesting. We are very careful about the proper proportion of education, information, and entertainment in the broadcasting program. Some special programs are also introduced from time to time as per the requirement and for fun like Chai par Charcha, Pyrexia poll, Rapid-fire, Kiran Jagran (campus news), Pyrexia-

murga, Dilkibaat pyrexia kaesaath and jazbaat-e-mosque. All the health days and other important social events are being observed at radio Pyrexia. To keep in mind the social diversity of India and the campus we recently started a new segment just for regional music. Radio Pyrexia just to make everybody feel like a part of this campus started a segment on Birthday wishes where we celebrate the birthday of all the members of the campus. Starting with a team of 8 people in one year, Radio pyrexia is now a family of 20 members. This would not have been possible without the hard work and dedication of our people. We overcame challenges together to support one another in giving our best to our listeners and our stakeholders.

#### List of our segments: -

- Chai par charcha
- Pyrexia Poll
- Rapid fire
- Kiran Jagran (campus news)
- Pyrexia Murga
- Dilkibaat pyrexia kaesaath
- Jazbaat-e-mosque

#### New segments coming up

- Off beat
- Evergreen show
- Monday morning vibes with radio pyrexia



Radio Pyrexia team with dean Academics Prof. Manoj Gupta & Dr. Ruby Gupta



Faculty interviews for Saturday programme with Prof. Saurabh Varshney & Prof. Pratima Gupta

### C. Doctor's Day- 1st July 2020

Doctor's Day was celebrated on 1 July 2020 at AIIMS Rishikesh in LT-03 from 3:00 to 4:00 pm. The programme commenced with floral welcome to chief guest Hon'ble Prof. Ravi Kant (Director & CEO, AIIMS Rishikesh), Prof. Manoj Gupta (Dean Academics), Prof. (Brig.) U.B. Mishra (Dean Hospital Affairs). This was followed by Lamp Lighting and Saraswati Vandana. Prof. U. B. Mishra, Dean Hospital Affairs gave welcome speech and kindled renewed enthusiasm among Corona warriors on the auspicious occasion of Doctor's Day.



Lamp Lighting

Keynote speech of Prof. Ravi Kant, Director & CEO, AIIMS Rishikesh was followed by certificate of appreciation distribution to Health care workers who were selected on basis of 360° Feedback evaluation format.

This was preceded by small tribute to corona warriors in form of heart touching video presentation showing pre and post pandemic situation of health care workers.

#### Faculties

Dr. Deepjyoti Kalita, Dr. Prasan Kumar Panda, Dr. Madhur Uniyal, Dr. Puneet Gupta, Dr. Mukesh Chand Bairwa, Dr. Mahendra Singh, Dr. Pradeep Aggarwal, Dr. Yogesh Arvind Bahurupi, Dr. Itish Patnaik, Dr. Rajnish Kr. Arora, Dr. Sandeep Saini

#### Doctors/ Resident

Dr. Rachit Ahuja, Dr. Jitendra Shakya, Dr. Amit Mangla, Dr. Sandip Chatterjee, Dr. Debopam Chatterjee, Dr. Augustein, Dr. Mahendra Meena



Dignitaries



Welcome Address



Organizing Team



Keynote Speech by Hon'ble Prof Ravi Kant Director & CEO AIIMS Rishikesh, followed by Certificate of Appreciation distribution to Corona warriors

## *Vote of Thanks*

### **Small Tribute to Corona Warriors**

in form of Video Presentation with them song

*"Teri Mitti Mein Mil Jawa"*



**D. Independence day celebration – 15th August**

**15th  
August**

**INDEPENDENCE DAY  
CELEBRATION**



In view of Covid precautions, Independence Day was celebrated in an online event with full enthusiasm despite the event being online. Entries were obtained by students and staff online in the form of video recordings of patriotic songs, dances etc (on the Theme of “Atmanirbhar Bharat”) With the assistance of IT department and IT enabled volunteers, the entries were compiled and transmitted through an online event and telecast to entire institute to mark the patriotic fervour. The event was attendant by a small number of participants offline following social distancing protocols. Flag hoisting was done by President of Institute Professor SamiranNundy & Professor Ravikant (Director) AIIMS, Rishikesh with topper students of MBBS & Nursing batches. Dr. V.K. Paul Member of NITI Aayog, New Delhi inaugurated the institute Journal of Medical Evidence.



**e-Inauguration of Laundry**





## Combined Musical Performance

by Dr. Venkatesh, Dr. Raja, Pankaj, Manvendra & Tejas

## Online KATHAK DANCE

by Simone Sharma



## TREE PLANTATION PROGRAMME

26th  
January

REPUBLIC DAY



**E. Teachers' Day Celebrations – 5th September**

On the occasion of Teacher's Day i.e 5 September, Dr. Sarvapalli Radhakrishnan's birthday was celebrated with full Covid -19 precautions in the Institute. Following faculty members are nominated for award on this day to acknowledge their contributions by director Prof. Ravikant.

**F. Covid-19 Management**

Dr Deepjyoti Kalita - Microbiology, Dr Prasan Kumar Panda - General Medicine, Dr Binay K Bastia - Forensic Medicine, Dr Pradeep Aggarwal -Community Medicine, Dr Yogesh Arvind-Community Medicine, Dr Mahendra Singh - Community Medicine, Dr Madhur Uniyal - Trauma Surgery, Dr Puneet Kumar Gupta - Microbiology, Dr Lokesh Kumar Saini- Pulmonary Medicine, Dr Anupam Bahadur - Obs & Gynae, Prof Puneet Dhar -GI Surgery, Prof Vartika Saxena Community Medicine, Prof U B Mishra Dean Hospital Affairs, Prof Manoj Gupta - Dean Academics

**G. Teaching**

Prof Latika Mohan Physiology, Prof Brijendra Singh Anatomy, Prof Prashant M Patil Physiology, Prof Shaline Rao Pathology / CPD, Dr Arun Goel Physiology, Dr Manisha Naithani-Biochemistry, Dr Mrinal Barua-Anatomy, Dr Bela Goel - Biochemistry, Dr Jayanti Pant-Physiology

**H. Research**

Prof Vivekanandan - Biochemistry, Dr D K Tripathi - Anaesthesia, Dr Neeraj Jain-Ramalinga Fellow, Dr Naveen Kumar Singhal-Ramalinga Fellow

**I. Gandhi Jayanti – 2 October**

Gandhi Jayanti was celebrated on 02 October 2020 at AIIMS Rishikesh as 151 years of celebrating the Mahatma Gandhi Birth marked the culmination of the 'Swachhta Hi Sewa' event. An oath was taken by all faculties, officers and staff for effective contribution by oneself to keep his/her premises clean and green. "Desh ke liya jisne vilas ko thukraya tha, videshi dhage usne khed in khaadhi banaya tha, pehen ke kath ki chappal jisne satyagrahe ke raag sunaya tha, who Mahatma Gandhi kehlaya tha." Remembering the great

leader on his birth anniversary. Hon'ble Director, Prof. Ravi Kant announced total ban on use of non-recyclable plastic in AIIMS Premises.

**J. Constitution Day**

Constitution day also known as Samvidhan Divas, was celebrated at AIIMS Rishikesh on 26th November 2020. This is to commemorate the adoption of the Constitution of India. Constitution day aims to celebrate the significance of the Indian constitution. In this pandemic time, this ceremonial program was held at Mini Auditorium in 'A' block with all the precautions such as wearing masks and social distancing other safety measures in mind. The program ended with national anthem. This program was attended by faculties, officers, staff, resident and students.

**K. Republic Day Celebrations – 26th January**

Republic day was celebrated in the institute following COVID appropriate behaviour in the AIIMS square area of the campus. The celebration of the auspicious day began with words of wisdom and enthusiasm from Hon'ble Director Prof Ravi Kant. Cultural events were organized by students, faculty members, kids and staff members of the institute to commemorate the sacrifice of the martyrs and patriots of the country. The undergraduate and postgraduate students of the institute including MBBS, nursing, paramedical students and PhD scholars actively participated in the cultural fest. The cultural events were performed by students and staff and little kids of faculty consisting of breath-taking dance and musical performances and patriotic songs in honor of the martyrs. The cultural events concluded with an incredible dance performance with message of unity by lady faculty members of the institute.

**L. Vigilance Week Celebrated At AIIMS Rishikesh**

Various competitions were organized under the Vigilance Week event held at AIIMS Rishikesh. In which the institute officials and all the employees took an oath to play their role in eradicating corruption. At the conclusion, the meritorious participants were felicitated by Dean Academic, Prof. Manoj Gupta, AIIMS Rishikesh.

Vigilance Week is celebrated every year from 27 October to the next 7 days in the Indian government establishments to commemorate the birth anniversary of Sardar Ballabh Bhai Patel. The objective of the program is to create public awareness to eradicate corruption. Essays and poster competitions were organized in the program organized at AIIMS Rishikesh on the eradication of corruption.

Dean Academic, Prof. Manoj Gupta, said that to eradicate corruption, all people should work with transparency with honesty. During the program, Dean Academic also honoured the participants in speech and poster competitions.

Under the Vigilance Week program, Law Officer Pradeep Chandra Pandey presented a presentation on the Prevention of Corruption Act 1988 and RTI, Senior Administrative Officer Pankaj Singh Rana has given Vigilance Guidelines for Scrap Disposal, S.E. Anurag Singh Vigilance Guidelines for Tender and Procurement Cases, Financial Advisor, Commandant PK Mishra and Account Officer Rajeev Gupta presented lectures on topics GFR Rules and Smt. Santosh, Administrative Officer has given a lecture on Vigilance Awareness.

This program is co-ordinated by Professor Manoj Gupta Dean Academic, Prof. Brijendra Singh Officiating Medical Superintendent.

Prof. UB Mishra Dean Hospital Affairs, Financial Advisor Parvat Kumar Mishra, Prof. Suresh K. Sharma Dean College of Nursing, Law Officer Pradeep Pandey and Accounts Officer Rajiv Gupta etc. were present.

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# 19 CENTRAL FACILITATING UNIT



## 19.1 AYUSH

The vision of AYUSH department is to position AYUSH system of medicine as the preferred systems of living and practice for attaining a healthy society. It provides integrated approach of AYUSH services to the patients of Uttarakhand and surrounding states.

Department of AYUSH, AIIMS Rishikesh has started its OPD services on 1st February 2017 and also extended its services in form of Panchkarma and Naturopathy procedures from March 2018.

Department has been continuously working on basic Research and Randomized Controlled Trials (RCT) in collaboration with various allopathic department of the institute.

### Department has following faculty members / Staff

Sl.No.	Name of Faculty/Medical officer	Designation
1	Prof. Vartika Saxena	Head of Department
2	Dr. Meenaxi Jagzape	Senior Medical Officer
3	Dr. Vinteshwari Nautiyal	Medical Officer (Ayurveda)
4	Dr. Anvita Singh	Medical Officer (Yoga)
5	Dr. Ravindra Anthwal	Medical Officer (Homoeopathy)
6	Dr. Vaishali Goel	Medical Officer (Homoeopathy)

### I) Departmental Activities :-

#### 1. OPD Services:

S. No	Department Name	Total No of Patients (April 2020 to March 2021)	Average No of patients being treated per month
1	Ayurvedic	545	45.5
2	Yoga	500	41
3	Homoeopathic	500	41
<b>Total</b>		<b>1545</b>	<b>128.5</b>

#### 2. Therapy of Panchkarma and Naturopathy

S. No	Department Name
1	Panchkarma Procedures (Kati Vasti, JanuVasti, GrivaVasti, Tail Shirodhara, Takradhara, MatraVasti, Nasya (Inclusive of Abhyanga and swedana of shiragriva etc.), Udwartan, patrapindaswed and sarvangsnehan&swedan.
2	Naturopathy Procedures (Abdominal mud pack, Forehead/ facial mud pack, Steam Bath, Neck and hand massage (Local massage), Neck and Hand Massage (Local massage), Head Massager (Local massage), Foot / Leg mass v age, Foot bath, Asthma bath, Fomentation pack, Spinal spray, Spinal bath.

**During covid – 19** pandemic lockdown situation, AYUSH OPD was closed. Due to lockdown situation Department of AYUSH has been continuously providing its services through Tele - medicine OPD.

All patients are being benefitted through AYUSH consultation, general prophylactic measures & lifestyle advices.

अखिल भारतीय आयुर्विज्ञान संस्थान, ऋषिकेश  
**टेली-आयुष** AIIMS  
 दूर-संचार  
 ओ.पी.डी.  
 1800-180-4278  
 7302895044  
 सोमवार - शनिवार  
 समय : 2 P.M. - 6 P.M.  
 टेलीमेडिसिन विभाग,  
 एम्स, ऋषिकेश



### General Measures

- 1.  Drink warm water throughout the day.
- 2.  Daily practice of Yogasana, Pranayama and meditation for at least 30 minutes as advised by Ministry of AYUSH.
- 3.  Spices like Haldi (Turmeric), Jeera (Cumin), Dhaniya (Coriander) and Lahsun (Garlic) are recommended in cooking.

### Ayurvedic Immunity Promoting Measures

1.  Take Chyavanprash, 10gm (1tsf) in the morning. Diabetics should take sugar free Chyavanprash.
2.  Drink herbal tea / decoction (Kadha) made from Tulsi (Basil), Dalchini (Cinnamon), Kalimirch (Black pepper), Shunthi (Dry Ginger) and Munakka (Raisin) - once or twice a day. Add jaggery (natural sugar) and / or fresh lemon juice to your taste, if needed.
3.  Golden Milk- Half tea spoon Haldi (turmeric) powder in 150 ml hot milk - once or twice a day.



### Simple Ayurvedic Procedures

1. **Nasal application** - Apply sesame oil / coconut oil or Ghee in both the nostrils (Pratimarsh Nasya) in morning and evening.
2. **Oil pulling therapy** - Take 1 table spoon sesame or coconut oil in mouth. Do not drink. Swish in the mouth for 2 to 3 minutes and spit it off followed by warm water rinse. This can be done once or twice a day.

### During dry cough / sore throat

1. Steam inhalation with fresh Pudina (Mint) leaves or Ajwain (Caraway seeds) can be practiced once in a day.
2. Lavang (Clove) powder mixed with natural sugar / honey can be taken 2-3 times a day in case of cough or throat irritation.
3. These measures generally treat normal dry cough and sore throat. However, it is best to consult doctors if these symptoms persist.



The Ayush Ministry of has suggested that you should take Arsenicum Album-30, a homeopathic drug for three days before infecting the corona virus.

ISSUED IN PUBLIC INTEREST


#CORONAVIRUS

The Ayush Ministry of India has suggested that you should take Arsenicum Album-30, a homeopathic drug for three days before infecting the corona virus. Please forward this message to all.

Dr. Sanjay Gupta  
Homeopathy Consultant  
PH-IMC (UK)


PLEASE SHARE






Ministry of Health & Family Welfare  
Government of India

**NOVEL CORONAVIRUS DISEASE (COVID-19)**








# Don't Panic & Stay Home

**Together we will fight COVID-19**



For information related to COVID-19  
Call the State helpline numbers or Ministry of Health and Family Welfare, Government of India's 24x7 helpline numbers  
1075 (Toll Free) or 011-23978046, Email at [ncov2019@gov.in](mailto:ncov2019@gov.in), [ncov2019@gmail.com](mailto:ncov2019@gmail.com)

 [mohfw.gov.in](http://mohfw.gov.in)
 [@MoHFWIndia](https://www.facebook.com/MoHFWIndia)
 [@MoHFW\\_INDIA](https://twitter.com/MoHFW_INDIA)
 [mohfwindia](https://www.youtube.com/mohfwindia)
 [@mohfwindia](https://www.instagram.com/mohfwindia)

### 3. Health awareness / Educational activities organized by the Department

**Herbal Garden :** Signage of herbal garden has been fixed. Few medicinal plants were planted in herbal garden with name plate



### 4. World Environment day

World Environment day was celebrated by AYUSH Department on 5th June 2020. In which various types of plants like Aawla, Hibiscus, Hersingar, Neem and Giloy was planted by Dr. Ajeet Bhadoriya, Dr. Meenaxi Jagzape and other staff of AYUSH.



### International Yoga Day 2020

was celebrated as per protocol of Ministry of AYUSH by AIIMS Rishikesh on 21st June 2020. Due to COVID-19 outbreak this year, AYUSH Ministry's theme of Yoga was "Gharghar me Yog" (Yoga from home). So, social distancing was maintained during the whole event of Yoga day.

On this occasion Hon'ble Director, Prof Ravi Kant (chief guest), Prof. Manoj Gupta (Dean Academics) and Prof. Vartika Saxena (HoD, AYUSH) officially inaugurated the event by lamp lighting.





## An Online Poster Competition

was organized in different groups and selected participants were awarded by Prof. Ravi Kant (Hon'ble Director) and Prof. Manoj Gupta (Dean Academic).



On this occasion

## “Musical Yoga”

was performed by Yoga Ph.D. Scholars, Mr. Rupesh and Mr. Gaurav.



**Vaishwik Bharatiya Vaigyanik (VAIBHAV) Summit** was a collaborative initiative undertaken by Science and Technology (S&T) and Academic Organizations of India to enable deliberations on thought process, practices and Research and Development (R&D) culture with a problem-solving approach for well-defined objectives, organized by GOI during 2nd – 31st October 2020.

AIIMS Rishikesh participated as a Champion Institute together with NIMHANS (Bengaluru) for panel discussions on the horizontal theme of ‘Holistic Health’ categorized under the vertical theme of ‘Health, Medical Sciences and Biomedical Devices’. The panelists included eminent researchers from overseas and India who they elaborated on the objectives of the webinar to develop a policy document for strengthening existing system and infrastructure for research of mind body medicine, AYUSH and other traditional medicines and to draw a road map for research collaboration with Indian Institutes.

This initiative aimed at bringing out the comprehensive roadmap to leverage the expertise and knowledge of global Indian researcher for solving emerging challenges. By bringing the Indian overseas and resident academicians/scientists together for a month-long deliberation through panel discussions, a structure of association will be evolved. The aim of summit was to reflect in-depth on the collaboration and cooperation instruments with academia and scientists in India. The goal was to create an ecosystem of knowledge and innovation in the country through global outreach.

**5. Kayakalp Visit**

On 20th November 2021 Kaya-Kalp team visited AYUSH herbal garden. They got information about different Medicinal plant & their uses. They also inspected the services given in AYUSH.



सचिव  
 भारत सरकार  
 आयुर्वेद, योग व प्राकृतिक चिकित्सा  
 युवाजी, सिद्ध, सोवा रिष्या एवं होम्योपैथी (आयुष) मंत्रालय  
 आदुष मदन, 'डी' ब्लॉक, जीपीओ कॉम्प्लेक्स,  
 आई.एन.ए. नई दिल्ली-110023  
 SECRETARY  
 GOVERNMENT OF INDIA  
 MINISTRY OF AYURVEDA, YOGA & NATUROPATHY  
 YUNAJI, SIDDHA, SOVA-REPIA AND HOMIOPATHY (AYUSH)  
 AYUSH BHAWAN, B-BLOCK, GPO COMPLEX  
 INA, NEW DELHI-110023  
 Tel: 011-24651950, Fax: 011-24651937  
 E-mail: secayush@gov.in

D.O. No. 2347/Secy/ 2021  
 Dated 22<sup>nd</sup> March, 2021

Dear Dr. Ms. Saxena,

I thankfully acknowledge the receipt of your letter No. #AYUSH/RISH/720 dated 08<sup>th</sup> March, 2021 along with a book entitled "Fundamentals of AYUSH-An Introductory Course on AYUSH for Health Professionals"

Please accept my compliments for such an informative work. I am sure that the book will be helpful in providing insights into integrative healthcare model.

With regards,

Yours sincerely,

*(Signature)*  
**(Rajesh Kotecha)**

**Dr. Vartika Saxena,**  
 Dean Research,  
 Professor & Head, Department of Community & Family Medicine,  
 Head, Department of AYUSH,  
 AIIMS Rishikesh,  
 Uttarakhand

## 19.2 TELE-MEDICINE

Telemedicine has been functional in AIIMS Rishikesh since 2018 under two specialities-tele-education and tele-consultation.

### Tele-education

Tele-education is an e-learning system which comprises all forms of electronically supported learning and teaching systems. Tele-education services are being functional in AIIMS Rishikesh since October 2018 with its station at Department of Community and Family Medicine, AIIMS Rishikesh. The remote centres located at SGPGIMS Lucknow, AIIMS Delhi and PGIMER Chand garh. Department involved in tele-education are Microbiology, Cardiology, Radiotherapy, Medical Genetics, Medical Oncology, Surgical Oncology, Surgical Gastroenterology, Nursing Skill Development, Trauma Surgery & Emergency Medicine, Palliative care, and Orthopaedics etc.

### Tele-consultation

Tele-consultations are synchronous or asynchronous consultation using information and communication technology to omit geographical and functional distance. These services are functioning in AIIMS Rishikesh as Hub and Spoke Model. AIIMS Rishikesh acts as Hub centre providing services to NTPC (National Thermal Power Cooperation) Joshimath and ShivanandDharmarthChikitsalaya, Shivanand Ashram, GaneshpurUttarkashi. MoU was entered between AIIMS Rishikesh and these spoke centres for providing tele-consultation services for their employees since 2018.

### Virtual OPD (e- Dhanvantari)

In view of COVID-19 pandemic, nationwide lockdown was declared by Honourable Prime Minister Shri Narendra Modi, from 22nd March 2020. In view of this, tele-consultation services (Virtual OPD) were started for all citizens in need which include Allopathic as well as AYUSH consultations. These services aim to provide healthcare services to patients at their home.

### Objectives of Virtual OPD (e- Dhanvantari)

1. To minimise physical contact amid of COVID 19 pandemic situation, unless emergency
2. To save the trouble of physical travel for regular OPD visits, especially to senior citizens in view of non-availability of transportation services.
3. To provide continuum of care for all its beneficiaries

**e-Sanjeevani:** AIIMS Rishikesh is also collaborating with e-Sanjeevani OPD and providing tele-consultation. Speciality from AIIMS Rishikesh presently providing services under e-Sanjeevani are Psychiatry, Dermatology, Ophthalmology, Surgical Oncology and Radiotherapy.

AIIMS Rishikesh is supporting Government of Uttarakhand for e-Sanjeevani OPD

### Department has following faculty/members –

Sl. No.	Name of Faculty/Member	Designation
1	Dr. Vartika Saxena, Professor & HOD, Community & Family Medicine	Adviser
2	Dr. Manisha Bisht, Additional Professor, Pharmacology.	Committee Member
3	Dr. Rajkumar K Seenivasagan Associate Professor, Surgical Oncology.	Committee Member
4	Dr. Shailesh Parate, Associate Professor, Forensic Medicine & Toxicology	Committee Member
5	Dr. Ashok Singh, Assistant Professor, Pathology	Member Secretary
6	Dr. Yogesh Bahurupi, Assistant Professor, Community & Family Medicine	Nodal Officer

**Mission:** Telemedicine is identified as a key strategy to deliver expert speciality and super-speciality consultation and care. Telemedicine Department has been established with a vision to expand horizon of health services to reach difficult and remote areas of Uttarakhand and neighbouring states. Services offered by telemedicine unit are mainly teleconsultation and tele-education.

**Vision:** To reach and cater to healthcare needs of every individual in State of Uttarakhand and adjoining area. To serve as centre of excellence for health institutions like Primary Health Care and Medical Colleges in Uttarakhand.

**1) Departmental activities:**

**1. Health awareness/ educational activities organized by department**

Department of Medical oncology, Surgical Oncology, Trauma surgery and Orthopaedics organised the tele education sessions which was attended by the other centres.

**2. CME/ workshop/ conference/training organized by department**

Training of faculty members on eSanjeevani OPD was conducted.

**3. New initiative of department**

- a) Virtual OPD restarted at the start of second wave of COVID 19 pandemic.
- b) Decentralisation of telemedicine OPD to individual departments.

**4. Other activities / achievement by Department**

- a) Virtual OPD Consultations (1st April 2020 to 31st March 2021) = 10654
- b) E Sanjeevani Consultations (1st April 2020 to 31st March 2021) = 686

**5. Future plan**

- a) Teleconsultation MoU with NHPC, Dhauliganga and Pitthoragarh.
- b) Setting up e-ICU at AIIMS Rishikesh

## 19.3 RECRUITMENT CELL

AIIMS Rishikesh is one of SIX Apex healthcare institutes being established by Ministry of Health & Family Welfare, Government of India under Pradhan MantriSwasthya Suraksha Yojna (PMSSY). With aim of correcting regional imbalances in quality tertiary level healthcare in country and attaining self-sufficiency in graduate and postgraduate medical education and training, PMSSY planned to set up 6 new AIIMS institutions in underserved areas of country.

These institutions are being established by an Act of Parliament on lines of original All India Institute of Medical Sciences, New Delhi which imparts both undergraduate and postgraduate medical education in all its branches and related fields.

### Recruitment Cell

Recruitment Cell was formed in December 2013. Hiring process exists to evaluate efficient and best-qualified candidates for organization. Main responsibilities of the cell is to arrange interview and invite Application of eligible candidate to interview/ Exam. It is conducted throughout year in a fair

manner when required by administration. Recruitment cell also ensures storing confidential records of each selection.

In financial year 2020-2021, Recruitment cell conducted recruitment Computer based exam (CBT) & Interview for different posts in different cities of country, detailed information is attached.

Following faculty and staff had been member of recruitment cell-

1. Mr. Anshuman Gupta- DDA (Admin)
2. Dr. Balram Ji Omar- Vice Dean of examination (Recruitment)
3. Mr. Rajeev Chaudhry- Registrar
4. Staff of Recruitment Cell
  - Mr. Sandeep Sharma, AAO
  - Mr. Pankaj, JAO
  - Mr. Jay Kumar, JAO
  - Mr. Kailash Chand, JAA
  - Mr. Dharmender Kumar, JAA

S. No	Details Of Post Adverties	Mode Of Recruitment	Advt No.	No. of Adverties Post In Different Departments	Opening Date	Closing Date	Written Exam/ Interview Conducted By Recruitment Cell	Final Status
1	Deputation Basis Group (a) Posts	Deputation	2020/074 -078	5 Posts In 5 Departments	29-02-2020	13-04-2020	Interview And Documents Verification Done On 11 Feb 2021	Done
2	Senior Resident	Tenure	AIIMS/REG/30.06.2020/22	Not Mentioned	30-06-2020	17-07-2020	20 To 23 July 2020	Done
3	Reopen Assistant Administrative Officer	Direct	21/05/2016(ris)/ admn/0784	2 Posts	01-08-2020	31-08-2020	Process	Pending
4	Reopen Medio Social Worker	Direct	2017/130	3 Posts	01-08-2020	31-08-2020	Process	Pending
5	Reopen Chief Cashier	Direct	2019/002	1 Posts	01-08-2020	31-08-2020	Process	Pending
6	Reopen Deputy Medical Superintendent	Direct	2019/120	6 Posts	01-08-2020	31-08-2020	Process	Pending

7	Norcet On Direct Recruitment Basis	Direct	106/2020	300 Posts	05-08-2020	18-08-2020	Exam Conducted By Aiims Delhi On-08 Sept 2020, Document Verification Conducted By Aiims Rishikesh On 25 & 26 March 2021 (by Aiims Delhi)	Done
8	Reopen Assistant Nursing Superintendent	Direct	2019/170	16 Posts	29-08-2020	31-01-2021	Process	Pending
9	Reopen Warden (hostel Warden ) Post On Direct Recruitment Basis	Direct	2017/138	4 Posts	29-08-2020	28-09-2020	Process	Pending
10	Reopen Junior Warden (house Keepers) Post On Direct Recruitment Basis	Direct	2017/139	10 Posts	29-08-2020	28-09-2020	Process	Pending
11	Tutor/ Clinical Instructor On Tenure Basis	Tenure	Aiims/reg/12.09.2020/281	7 Posts	14.09.2020 After Reopen 12.11.2020	10-10-2020 After Reopen 10-12-2020	Tutor Sceening Exam On 04 Feb 2021 And Interview Done On 05 Feb 2021	Done
12	Reopen Engineering Posts Group (b&c) On Direct Recruitment Basis	Direct	2019/003 To 010	31 Posts In 8 Departments	15-09-2020	17-10-2020	Process	Pending
13	Deputation Basis Group (a) Posts	Deputation	2020/134-137	4 Posts In 4 Departments	08-09-2020	30-11-2020	Interview And Documents Verification Done On 11 Feb 2021	Done
14	Walk In Interview For Faculty Posts (professor) On Contractual Basis	Contractual	2020/129-133	5 Posts In 5 Departments	25-10-2020	01-10-2020	15-10-2020	Done
15	Faculty Posts On Direct/ deputation/contractual Recruitment Basis	Direct/ Deputation/ Contractual	2020/138-168	33 Posts In 15 Departments	01-12-2020	31-03-2021	Process	Pending
16	Faculty Posts On Direct/ deputation/contractual Recruitment Basis	Direct/ Deputation/ Contractual	2020/169-208	44 Posts In 19 Departments	01-12-2020	31-03-2021	Process	Pending

17	Professor-cum - Principal, College Of Nursing	Direct	2021/019	1 Post	27-03-2021	17-05-2021	Process	Pending
18	Senior Resident	Tenure	Aiims/reg/sr/158	25 Posts In 14 Departments	27-02-2021	26-03-2021	28-04-2021	Done
19	Multi-rehabilitation Worker (physiotherapist)	Direct	2017/131	4 Posts	02-09-2017	30-10-2018	1 Candidate Documents Verification Done On 02 Feb 2021	Done
20	Group Abc Posts	Deputation	2019/222-255	187 Posts In 35 Departments	26-10-2019	09-12-2019	Interview And Documents Verification Done On 11 & 12 Feb. 2021	Done
21	Stenographer	Direct	2017/146	34 Posts	02-09-2017	30-10-2018	Documents Verification & Skill Test Done On 20 & 21 Feb. 2021	Done
22	Nursing Officer (staff Nurse Grade-ii)	Direct	2019/256	372 Posts	09-11-2019	24-12-2019	Skill Test Step B 29- 31 May 2020 And Skill Test Step A&b On 28 & 29 August 2020	Done





## 19.4 INFORMATION TECHNOLOGY

The Information Technology Cell at AIIMS Rishikesh is a bunch of few professionals, who have right from the beginning provided the much-needed computer hardware, networking, software development, tendering process, training, and stand as a backbone of AIIMS Rishikesh for all its IT needs. The following are some of the work areas that the IT Cell, AIIMS Rishikesh provides:

### Work Areas:

#### Communication

ITG secures dedicated, post-scripted AIIMS Rishikesh URL email accounts for all its staff, faculty and students. ITG ensures safe and trustworthy internet & intranet communication.

#### Governance

Sensitive information & data is maintained in a secure trustworthy environment. Highest ethics in governance and watch-dog activity to prevent any eavesdropping. e-Office and e-Hospital implemented to enhance accountability and transparency.

### Department has following faculty members –

S.No.	Name of Faculty	Designation
1	Dr. Puneet Dhamija,	Member Secretary (IT)
2	Dr. Bhinyaram,	Procurement Officer
3	Dr. Gaurav Chikara	Procurement Officer (IT)
4	Sh. Rajeev Gupta	Account Officer
5	Sh. Anurag K Shukla	Nodal Officer (IT)
6	Nominee	from IIT Roorkee

### Benefits:

#### To Organization:

- Consultant/Faculty: Have easy access of patient details, history etc.
- Students: are benefited by using e-portal of Campus management in terms of access from anywhere, Time saving, Student-Teacher Collaboration, Saves natural resources, Transparency with parents Increases etc.
- Administration: is benefited by using e-governance portal which help in Faster product delivery, more accuracy, Human Resource Management etc.

#### To Citizen:

- Patients: Patients are benefited by user friendly e-portal, which help them to do online registration, get diagnostic reports,

#### Infrastructure/Networking

A setup of computers and network is constantly planned for various buildings like college, hostels and hospital to ensure security and functionality This has allowed a very effective internet & intranet with the available NKN and Airtel lines.

#### Audio visual

The audio-visual support for all the Conferences, Workshops, Meeting, Seminar, Lectures is being carried out by IT

#### Research & Development (R & D)

We apply innovation in our work and use cutting edge technology, upgrade our skills doing continuous research in our field because of continuous technology change and changing preference of users.

#### Data Management

All documents are now stored digitally mostly on cloud. This helps the data to be available for everyone in the organization regardless of their location. Managing this data and making sure is the IT department's responsibility.

make appointments. International travellers get easy access due to separate helpdesk for easy access, Senior citizens and women have separate helpdesk for easy access. Patients below poverty line and patients availing Ayushman Bharat Yojna are also benefited due to separate helpdesk.

- Job Seeker: Jobseekers are are benefited by user friendly e-portal for online recruitment by Submitting applications for different posts online.
- Vendor: Vendors can participate in the tendering process by registering them from anywhere using CPPP portal

### HOSPITAL RELATED ACTIVITIES

In house application for COVID reporting with QR code.	Provided to Microbiology for use.	Implemented
In house Web based reporting form for adverse drug reactions	For reporting of side-effects of drugs, in use	Implemented
Web application for the label printing on samples sent to MPCC Roorkee	label printing on samples sent to MPCC Roorkee	Implemented
Antimicrobial Stewardship Program: Zevac	Generating local informations about antimicrobial sensitivity and appropriate drug selection	Expansion being done
Customised Queue Management Systems	Customised applications developed for Department of Radiology, Trauma and Sample Collection Area at AIIMS, Rishikesh for real-time information of progress in queue	Implemented
E-hospital: registration, billing, discharge, laboratory, store, pharmacy etc.	Digital registration of all appointments is done. Billing and discharge cards are generated digitally	Implemented

Continuous support is being provided

Regular activity

### ADMINISTRATIVE ACTIVITIES

In-house Online Recruitment Management Portal	Developed in-house, being used for receiving the application online for Group A, B and C Posts (Faculty and Non-faculty, deputation, contractual, regular) separate instances being prepared, so far 25 applications developed for various advertisements for more than 300 posts.	Implemented
Online recruitment services desk	Resolving technical form filling and payment gateway related issues.	Regular Activity
Microsoft Teams for online class.	Installation and training being conducted for faculty and staff to shift teaching activity from Google meet to Microsoft teams.	In Progress
e-File application (File Tracking System)	User extension being done from 700 to 3000 users	In Progress
e-Leave application	Already implemented for Group A, B officers. Data preparation being done to implement it for Nursing Officer	In Progress
Smart Performance Appraisal Report Recording Online Window (SPARROW)	Procurement process being done.	In Progress

Personnel Information Management System(PIMS)	Training conducted, implementation done.	Implemented
Collaboration and Messaging Services(CAMS)	Training conducted, implementation done	Implemented
Digital Signature for faculty and staff	Procurement and implementation being done.	Regular activity
Local Purchase	Local purchase being managed by IT cell for all IT items	Regular activity
Procurement of Desktop, Laptop, Printer , Scanner and other audio visual equipment	Being managed by IT Cell	Regular activity
<b>ACADEMICS ACTIVITIES</b>		
Application for feed-back of faculty	Application being used for assessment of teaching.	Implemented
Tele-education	Connecting Institutes of National Importance & peripheral centres for delivery of health-care	Implemented
Library Resource Management Application	Unified portal for all resources available in institutional library. Can be accessed through institutional network	Implemented
Online Practical examinations	Regular support being provided by IT cell.	Regular activity
Virtual teaching session for students	Classes being conducted through Google Meet	Implemented
<b>IT RELATED ACTIVITIES</b>		
eOffice Server Management(Patch update, application upgrade, VPN and other updates)	Continuously being managed by IT cell in coordination to NDC and NIC team	Regular activity
Network, Hardware Desktop, Printer troubleshooting and support	Continuously being done by IT cell for more than 1200 Desktops, Printers, scanner and other IT equipment.	Regular activity
Network Monitoring	Regular monitoring being done	Regular activity
Video based demonstration of various software application	Regular video are being uploaded at YouTube channel of IT cell.	Regular activity
Creation of email account for student, faculty & staff @aaimsrishikesh.edu.in domain	Bulk email creation at GSuite	Regular activity
War room for COVID monitoring and management	War room prepared for real time display of Bed statistics, Manpower and ventilator etc.	Implemented
Maintenance of IT Equipment/devices	Maintenance of CCTV, Desktop, Laptop and other IT equipment/devices	Regular activity

# CENTRAL LIBRARY DIVISION



Library Web Page



Reading Room for Readers in Main Library



Dedicated e-lobby for Users

## 19.5 CENTRAL LIBRARY DIVISION

Library is the knowledge hub of the All India Institute of Medical Sciences, Rishikesh. It reflects the institutes' commitment to providing the best possible library and information services to its world class community of faculty, students and staff. It is a major resource centre for medical sciences and allied healthcare community in this part of the world and has an excellent collection of both printed and electronic material. It offers a range of services including reference and consultation, membership & circulation, document delivery, resource sharing, information alert service, user awareness programmes and ICT-enabled web services. The library is at the heart of the institute's academic, research and outreach activities.

**Department has following members –**

Sl.No.	Name of Member	Designation
1	Prof.PuneetDhar	Chairperson, Library Core Committee
2	Dr.Rashmi Malhotra	Member
3	Dr.DeepjyotiKalita	Member
4	Dr.AmulyaRatan	Member
5	Dr. Abhishek Agrawal	Member Secretary
6	Sri. Sandeep Kumar Singh	Sr. Librarian
7	Sri. Rajeev Gupta	Accounts Officer

### Mission

Library during the year continued its mission of facilitating the creation of new knowledge through the acquisition, organization, and dissemination of library material. The team of highly motivated, knowledgeable and skilled staff ably guided by the Library Core Committee and Library Advisory Committee and is committed in terms of contributing to the achievement of the Institute mission & Vision under the Leadership of Director & CEO of Institute, Padam Shri Prof. (Dr.) Ravi Kant. Library AIIMS, Rishikesh is putting its best effort to apply ICT in all possible operations and services to provide quality services to end-user of the community.

### I) Departmental activities

#### 1. Activities/achievement by Department

Basic Statics for Library Collection Development & Management –

#### Subscribed Databases

Sr. No.	Name of Database
1	BMJ Best Practice
2	BMJ Case Reports
3	BMJ Learning
4	BMJ Research to Publication
5	Clinical Key
6	Clinical Key Nursing
7	Clinical Key Student
8	E-Anatomy
9	ERMED Consortia access through NML
10	EMBASE
11	Jaypee Digital
12	Lippincott Procedures
13	Ovid
14	UpToDate

**Full-Text e-Journals Access Through Subscribed Database**

Sr. No.	Name of Database	No. of E-Journals
1	Clinical Key	700
2	Clinical Key Nursing	66
3	ERMED Consortium	243
4	Jaypee Digital	70
5	Ovid	434
6	Individual Subscribed Journals	93
		<b>1606</b>

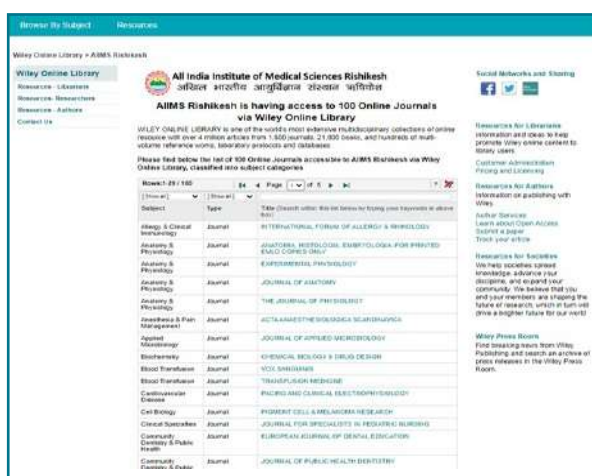
**Individual Subscribed 93 Journals**

Sr.No	Subscribed Journals Title	Publisher Details
1	Journals of Clinical Sleep Medicine	AASM
2	American journal of Homeopathic Medicine	American Institute of Homeopathy
3	Journal of Neuropsychiatry and Clinical Neurosciences	American Physiological Society
4	American Journal of Roentgenology	American Roentgen Ray Society
5	Clinical Microbiology Review	American Society for Microbiology
6	Journal of Clinical Microbiology	American Society for Microbiology
7	Pharmacological Reviews	American Society For Pharm. & Experimental Therapeutics
8	Current Alzheimer Research	Bentham Science Publishers
9	Reviews on recent clinical trials	Bentham Science Publishers
10	Journal of Refractive Surgery	HEALIO
11	Journal of Clinical Psychiatry	Physicians Postgraduate Press
12	Cancer Nursing Practice	RCNI
13	American Journal of Lifestyle Medicine	SAGE Publishing
14	American Journal Of Sports Medicine	SAGE Publishing
15	Cephalalgia	SAGE Publishing
16	Education and Health Journal	SAGE Publishing
17	Journal of Hand Surgery (European Volume)	SAGE Publishing
18	Journal of Vascular Access	SAGE Publishing
19	Multiple Sclerosis	SAGE Publishing
20	World Journal for Pediatric and Congenital Heart Surgery	SAGE Publishing
21	Journal Of Nuclear Medicine	SNMMI
22	Journal of Medical Microbiology	Society for General Microbiology, London
23	Advances in Health Professions Education	Springer
24	Aesthetic Plastic Surgery	Springer
25	Archives in Obstetrics and Gynaecology	Springer
26	Current Allergy & Asthma Reports	Springer
27	Current Pulmonology Report	Springer
28	DocumentaOphthalmologica	Springer
29	European Archives of Otorhinolaryngology	Springer
30	European Journal of Nuclear Medicine	Springer
31	European Journal of Plastic Surgery	Springer
32	Grefe's Clinical and Experimental Ophthalmology	Springer
33	Intensive Care Medicine	Springer
34	International Urogynecology Journal	Springer

35	Journal of Assisted Reproduction and Genetics	Springer
36	Journal Of Nuclear Cardiology	Springer
37	Journal of the Association for Research in Otolaryngology	Springer
38	Lung	Springer
39	Medical Science Educator	Springer
40	Neurocritical Care	Springer
41	Oral And Maxillofacial Surgery	Springer
42	Pediatric Nephrology	Springer
43	Pediatric Surgery International	Springer
44	Strahlentherapie Und Onkologie	Springer
45	Spinal Cord	Springer Nature
46	ActaOncologica	Taylor & Francis
47	Chronobiology International	Taylor & Francis
48	Cochlear Implant International	Taylor & Francis
49	Current Eye Research	Taylor & Francis
50	Gynecological Endocrinology	Taylor & Francis
51	International Journal Of Radiation Biology	Taylor & Francis
52	Medical Teacher	Taylor & Francis
53	Orbit	Taylor & Francis
54	PediatricHematology and Oncology	Taylor & Francis
55	Scandinavian Journal of Plastic & Reconstructive Surgery & Hand Surgery	Taylor & Francis
56	Strabismus	Taylor & Francis
57	Teaching and Learning in medicine	Taylor & Francis
58	European Journal of Paediatric surgery	Thieme
59	Journal of Hand and Microsurgery	Thieme
60	Journal of Reconstructive Microsurgery	Thieme
61	Seminar In Plastic Surgery	Thieme
62	Seminars In Neurology	Thieme
63	Seminars in Reproductive Medicine	Thieme
64	The Nursing Journal Of India	Trained Nurses' Association Of India
65	Academic Emergency Medicine	Wiley
66	Addiction	Wiley
67	Australasian Journal Of Dermatology	Wiley
68	Clinical & Experimental Dermatology	Wiley
69	Clinical Teacher	Wiley
70	Epilepsia	Wiley
71	Experimental Physiology	Wiley
72	Hemodialysis International	Wiley
73	International Forum of Allergy and Rhinology	Wiley
74	International Journal of Dermatology	Wiley
75	International Journal Of Nursing Practice	Wiley
76	Jddg: Journal Der Deutschen Dermatologischen Gesellschaft	Wiley
77	Journal Of Advanced Nursing	Wiley
78	Journal of Periodontics (Periodontology)	Wiley
79	Laryngoscope	Wiley

80	Medical Education	Wiley
81	Neurology And Uroynamics	Wiley
82	Periodontology 2000	Wiley
83	Photodermatology, Photoimmunology & Photomedicine	Wiley
84	Vox Sanguinis	Wiley
85	Journal of Clinical Apheresis	Wiley
86	Journal of Physiology	Wiley
87	Journal Of Specialists In Pediatric Nursing	Wiley
88	Movement Disorders In Clinical Practice	Wiley
89	Journal of Maternal-Fetal& Neonatal Medicine	Wiley
90	Prenatal Diagnosis	Wiley
91	Public Health Nursing	Wiley
92	Therapeutic Apheresis and Dialysis	Wiley
93	Transfusion Medicine	Wiley

**Subscription of National Medical Journal of India (NMJI) in Print.**



(Wiley Subscribed Journals)



(Listing of subscribed 93 Journal Titles)

**e-Books Access Through Subscribed Database**

Sr. No.	Name of Database	No. of E-books
1	Clinical Key	992
2	Clinical Key Nursing	118
3	Clinical Key Student	511
4	Jaypee Digital	3512
		<b>5133</b>

**Subscribed Research Assistive Software**

Sr. No.	Name of Software
1	Turnitin (Anti-Plagiarism Software)
2	Grammarly Premium (Digital Writing Assistance Tool)

**Membership of Network**

Sr. No.	Name of Network
1	DELNET (Developing Library Network)

**Cloud-Based Remote Access Software**

Sr. No.	Name of Software
1	Remote-Xs (Remote Access technology and User Authentication Software)



**Books (Print-Collection)**

Total no. of Books (Physical Collection)	9129
Medical Books	7604
Nursing Books	1525
Complimentary/Donated Books	1495

**Multimedia/ CD's:**

- Printed Book's CD: 510
- Clinical Key Nursing: Procedure Video 462
- Clinical Key: Procedure Video: 462
- Ovid: Procedure Video: 1000
- Jaypee Digital Database: Video 8,671 & Video Atlas : 22

**Jaypee Digital Database MCQs:**

Available MCQs by Speciality: 79,334

**Library Service:**

Library AIIMS Rishikesh aims to provide wide and efficient access to the needed information in a service-rich environment to all its users. It offers a package of high-quality, user-focused services to support the research, teaching and learning endeavours of faculty, students, and staff.

- Reference & Consultation.
- Information Alert Service
- Circulation
- Departmental Library Facility.
- OPAC (Online Public Access Catalogue)
- Newspaper Clippings
- Photocopy/Print Facility
- Document Delivery Service.

**Library Membership:**

Membership of the library for different categories of user stands as mentioned below:

- Faculties (Teaching & Non-Teaching)
- SR/JR Academics & Non-Academics
- PG Students
- Fellowship
- PDCC/DM/M.Ch. Candidates
- Ph. D/ M.Phil. Candidates
- Nursing Tutor/ Demonstrator
- M. Sc. Nursing
- B. Sc. Nursing
- B. Sc. Paramedical
- Diploma
- Certificate and other courses.
- Staff

**Digital Library:**

Central Library has taken several initiatives to provide Digital Library services to the users. It has its own homepage, provides web-based access to its collection of reading material, procures over 1606 electronic journals and 14 databases. Library is a part of the institute-wide network and has adequate computing infrastructure to cater to the needs of the users. The Wi-Fi facility in the reading area has been welcomed by the users as they can use their laptops inside the library without a cable connection to the Internet.

**Library Web-Page : (<http://14.139.54.114/>)**

- Library Homepage provides a single window to all the resources and services of the Central Library. It allows to Search/Browse the material in the library (Search Library Catalogue, OPAC)
- Check the materials borrowed by a user and their due date
- Know the New Arrivals
- Access E-Resources (books, journals, theses, databases, and multimedia products)
- Submit dissertation / thesis (e-People of AIIMS Rishikesh only)
- Locate library material (Collection organization)
- Ask the librarian, to know more.

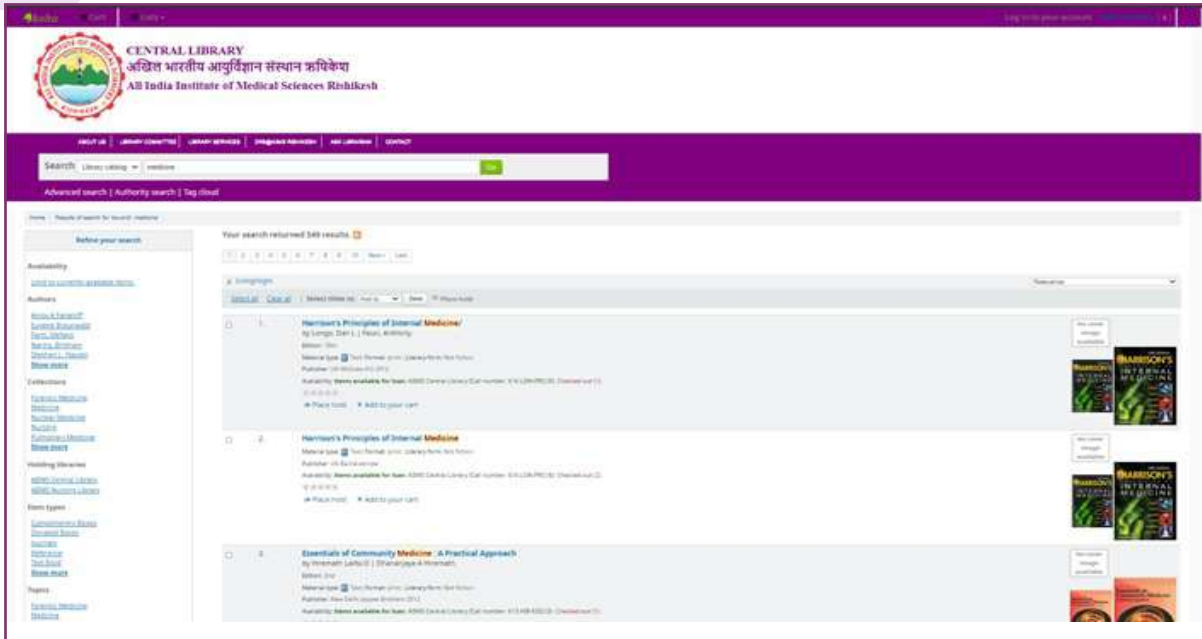


(Library web-page)

**OPAC (Online Public Access Catalogue):**

The OPAC is one of the most heavily used web crawlers powered by KOHA version 19.11 LTS of the Library and is accessible 24x7 via the library web page and other electronic devices.

Besides listing all the documents available in the library, it allows online reservation, circulation and indicates the status of a particular book. OPAC is searchable by author, title, accession number, subject and several other fields.



(Catalogue Search through KOHA Web OPAC)

**Digital Repository System @ AIIMS Rishikesh:**

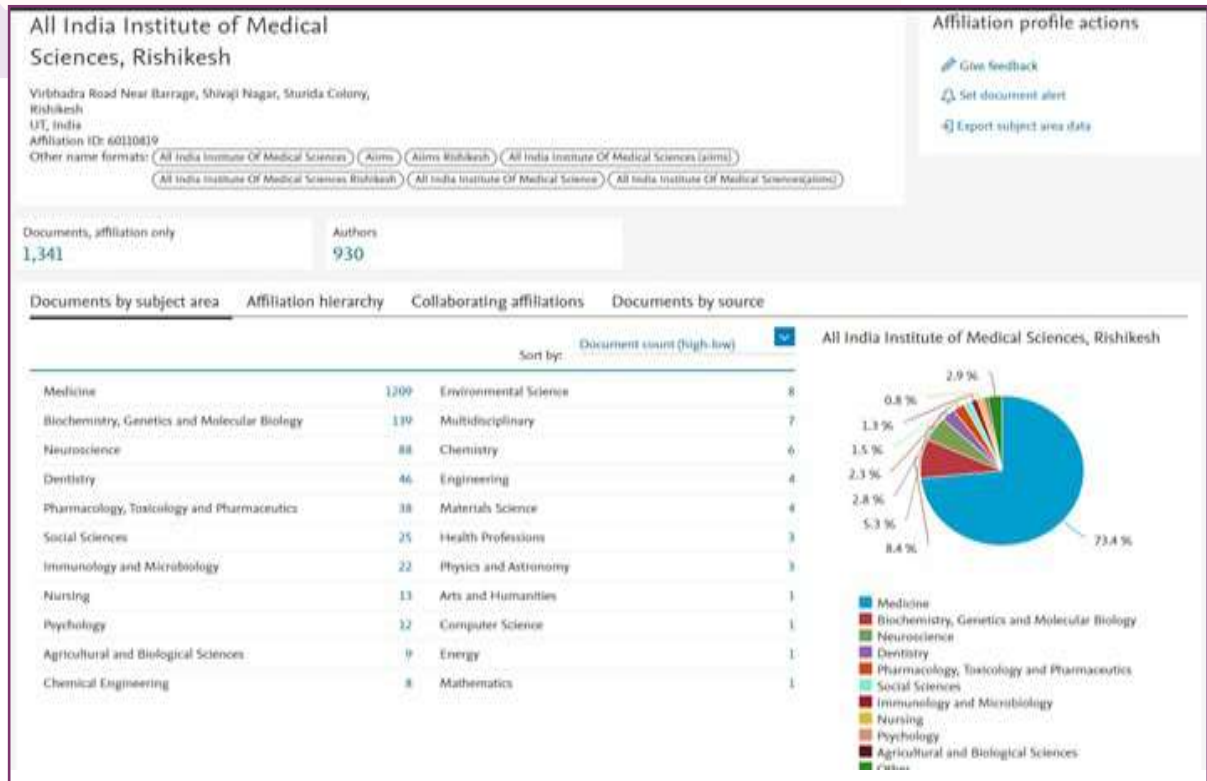
Digital Repository Service (Digital Repository @AIIMS Rishikesh), using Open Source Software – Dspace currently accessible inside the campus provided another service by the Library, in keeping with the objectives of the Open Access movement, we expect this service to facilitate the Institute researchers in self-archiving and long-term preservation of their scholarly publications, provide easy access to these publications, and improve the impact of their research. This service enables the Institute community to archive their preprints, post-prints, and other scholarly publications. Metadata include Articles, Working Papers (FULL TEXT), Book Chapters published by Faculty, Doctoral Dissertations by FPM Scholars, and Project reports of Students enrolled in various courses of AIIMS Rishikesh.



(Digital Repository System through Dspace)

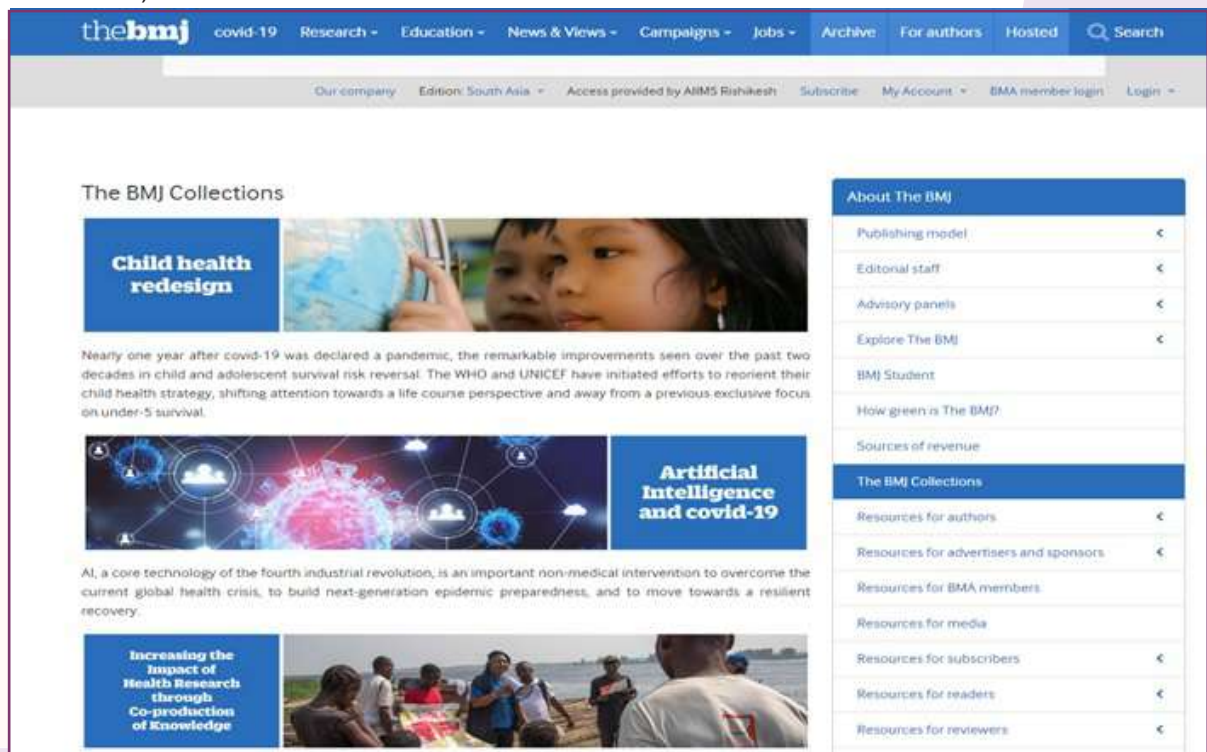
**Newly Subscribed Database/Software:**

Scopus (Elsevier): Scopus is Elsevier’s abstract and citation database launched in 2004. Scopus covers nearly 36,377 titles from approximately 11,678 publishers, of which 34,346 are peer-reviewed journals in top-level subject fields: life sciences, social sciences, physical sciences, and health sciences.



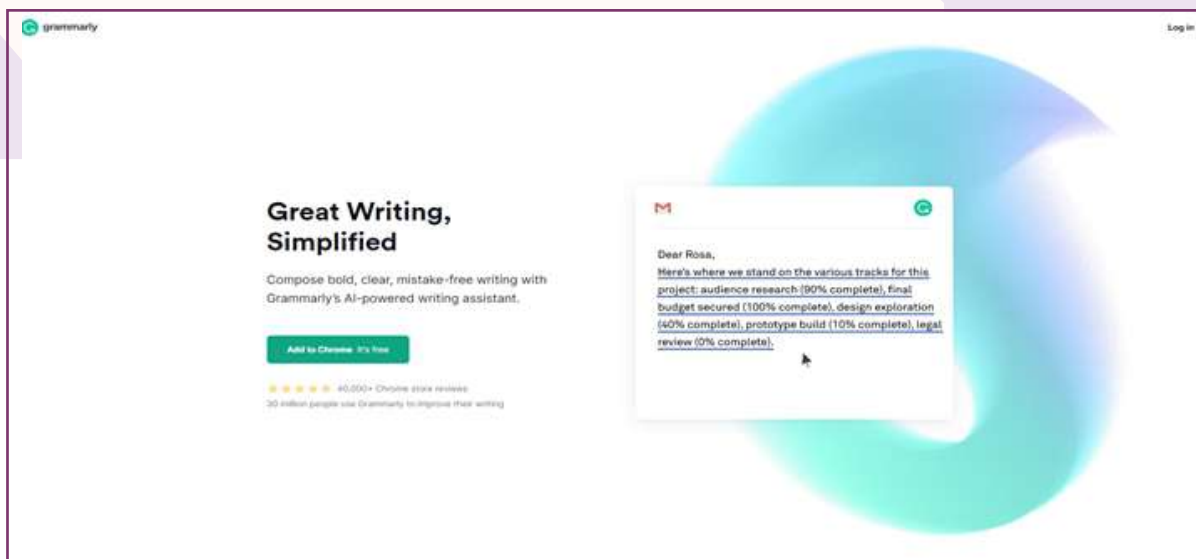
(SCOPUS indexing & abstracting Database)

**BMJ Resources Package:** (BMJ Best Practice, BMJ Case Reports, BMJ Learning, BMJ Research to Publication) and 14 BMJ Journals.



(BMJ Resource Package Interface)

**Grammarly Premium :** Grammarly is an American-based Ukrainian technology company that provides a digital writing assistance tool. It detects spelling, punctuation, and other common errors in texts.



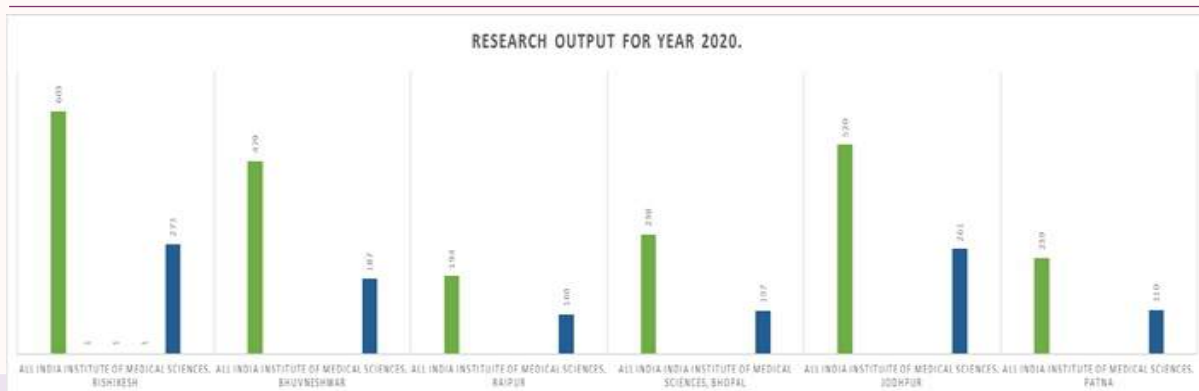
(Grammarly Premium research assistive writing tool)

**Research Output study using SCOPUS indexing & abstracting Database**

A study performed by Library AIIMS Rishikesh to get metrics of Research Output from 2015 to 2020 of premier six AIIMS under PMSSY- M/o Health & Family Welfare, Govt. Of India. In Scopus Indexed Journals, AIIMS Rishikesh output is highest output in 2020.

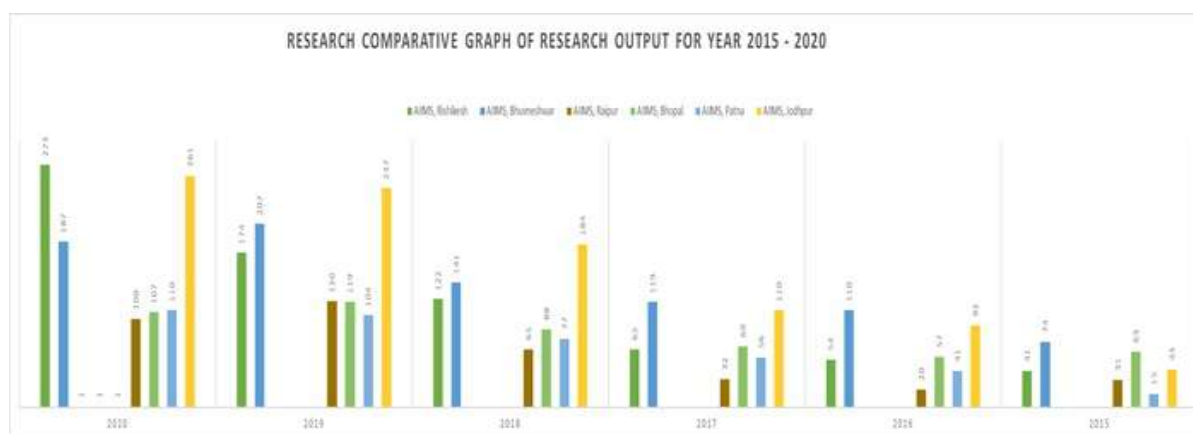
**Research output in SCOPUS indexed Journals: a comparative analysis of six-AIIMS under PMSSY**

S. No.	Organisation Name	Total Research Output affiliation-wise	Affiliated Author's	Documents Published In Year 2020
1	All India Institute of Medical Sciences, Rishikesh	994	603	273
2	All India Institute of Medical Sciences, Bhuvneshwar	926	479	187
3	All India Institute of Medical Sciences, Raipur	413	194	100
4	All India Institute of Medical Sciences, Bhopal	592	298	107
5	All India Institute of Medical Sciences, Jodhpur	991	520	261
6	All India Institute of Medical Sciences, Patna	429	239	110



**Research Output Comparative Chart from year 2015-2020**

S.No	Year	AIIMS Rishikesh	AIIMS Bhubaneswar	AIIMS Raipur	AIIMS Bhopal	AIIMS Patna	AIIMS Jodhpur
1	2020	273	187	100	107	110	261
2	2019	174	207	120	119	104	247
3	2018	122	141	65	88	77	184
4	2017	65	119	32	69	56	110
5	2016	54	110	20	57	41	92
6	2015	41	74	31	63	15	43
	<b>Total</b>	<b>729</b>	<b>838</b>	<b>368</b>	<b>503</b>	<b>403</b>	<b>937</b>



## 2. New initiative of department / Cell Plan Under Process:

- Subscription of Thieme Med-One Platforms i.e MedOne Neurosurgery, MedOne Plastic Surgery, MedOne Ophthalmology, MedOne Education.
- Subscription of Access Medicine Database (Entire Collection with Updates) by McGraw Hill.
- Subscription of Drill-Bit Anti Plagiarism Software
- Creation of Library Circulation Counter.
- Subscription of JBJS (Journal of Bone & Joint Surgery) Clinical Classroom.
- Interior and accordingly furniture procurement for Library Faculty Room.
- Requisition of 50-Computers / Workstations for development of Library e-lobby.
- Book Bank Facility for SC/ST and Underprivileged Students.
- Advanced/Automatic Multifunction Colour & B/W Photocopier Machine.
- Digital Signage for Central Library.
- Procurement of Books (Text & Reference) proposed by newly established departments, courses & super specialty Departments are in process for the setup of Departmental Libraries.

- Procurement of five medical books from their wish list for each faculty on a long-term issue for himself/herself.

## 3. Future plan of department Future Plan for the Library:

- Empanelment of Book Vendors / Book Suppliers for Supply of Books.
- Procurement of Fiction / Non-Fiction Books.
- Creation of enriched website for Library.
- Plan to establish Library Consortia for AIIMS under PMSSY.
- My Loft (My Library on Finger Tips) Mobile-based cloud remote access service
- Subscription of Access Management Service. i.e. Open Athens/Shibboleth.
- Digital platform for magazines and newspapers.
- Organisation of workshop for KOHA & Reference Management Systems like Mendeley, Zotero.
- Plan to organize Book Exhibition Fair.
- Plan to create ORCID/SCOPUS id for all faculties and researchers.
- Subscription of F1000 Research-An open access-publishing platform.

- l) Membership of British Council Library & Cochrane Library.
- m) Subscription J-gate Bibliographic Database.
- n) Integration of KOHA Web-OPAC with VuFind Search Discover.
- o) Proposal for CINHAL Complete, DOSS by E-solution from EBSCO.
- p) Establishment of Discussion room.
- q) LWW CBME Collection (e-Books) of 158 Titles.
- r) Digitization of most used and least available reading materials by using advanced digitization tools.
- s) Subscription of Clinical case reports Wiley Online Library.
- t) Integration of new technologies for library services i.e. Book Drop, Flex AHM, Hybrid Gate, Hybrid Self Check, RFID Gate, RFID Self Check Kiosk.
- u) Procurement of meta-analysis software.
- v) LWW OVID Total Access Collection (TAC) Achieves One Time Purchase.
- w) Establishment of the separate reference & technical section.
- x) Organization of user awareness / orientation through Information Literacy classes & Web-Interaction Platforms like CISCO, SKYPE, Google Meet, etc.

## II) Member's activities :

**Sri. Sandeep Kumar Singh**  
**Sr. Librarian, AIIMS Rishikesh**

### 1. Participated in Conferences / workshops / trainings (As Guest Lecturer / resource person / chairperson / co-chairperson/ delegates/ panellist / Quiz Master)

- a) Participated as Coordinator in FHSLA (Federation of Health Science Library Association, India), Rajasthani Medical Library Association (Rajasthan), Health Science Library Association (Gujrat) and Karnataka Health Science Library Association in collaboration with Thieme Publisher Conducted a web seminar on "COVID-19 Pandemic: Role of UNESCO and IFLA in promoting intercultural dialogue and redesigning Library Services" Dated: 6th August 2020.
- b) Participated as Coordinator in FHSLA National Librarian's Day Commemoration

on subject of discussion "Responding to COVID-19: Envisaging Role of Libraries" Dated: 12th Aug 2020.

- c) Invited as Subject Expert for interview of filling up Group 'B' Non-faculty post Library & Information Officer on Deputation Basis at AIIMS, Rishikesh Dated: 12th Feb 2021.
- d) Invited as Subject Expert for selection to the post of Librarian Gr-I and for advice regarding procurement/subscription of Library resources at AIIMS, Mangalagiri Dated: 27th Feb 2021.

## 19.6 RAJBHASHA PRAKOSHTH (HINDI CELL)



Senior Hindi officer with Unicode trainees

Hindi cell was established in year 2015 under administrative control of Rajbhasha Adhikari. With a view to promote use of Rajbhasha Hindi in AIIMS Rishikesh, Hindi Cell was started on 14th February, 2015 with appointment of senior Hindi officer and other staff, who are continuously working under direction of Rajbhasha Adhikari. Presently, Director, AIIMS has entrusted duties of Rajbhasha Adhikari to Shri Rajeev Chaudhry, Registrar, AIIMS Rishikesh

AIIMS is conducting quarterly meetings of Rajbhasha Karyanwayan Samiti regularly. Quarterly progress reports are being compiled and sent regularly to Official Language Department, Ministry of Health and Family Welfare, Government of India. Besides, Hindi cell is actively participating and reporting in half yearly meetings of Nagar Rajbhasha Karyanvayan Samiti (NARAKAS), Haridwar. Hindi cell is also helping various departments, branches of institute for translating their documents in Hindi language including translation of Annual Report of institute.

Hindi Week Celebration is organized every year in the month of September. Essay competition, Hindi typing competition, English to Hindi

translation competition, Hindi noting, poetry competition are organized during this week, but this year instructions have been given by the Department of Official Language to make all programs in online mode due to Covid-19 epidemic. Therefore in compliance with the said instructions, Hindi Day was organized in place of Hindi week this year. On Hindi Diwas banners / standees of famous celebrities were displayed and an essay competition was organized with the theme "Covid -19 ke sath jeevan" in which the officers and staff of the institute participated. Prizes were awarded to the first, second and third participants.

On the occasion of Hindi Diwas cash awards were given by the Director & CEO to 20 employees who did excellent work in Hindi throughout the year. "Shrutlekhan" competition was organized for nursing students. 25 nursing students participated in it. Prizes were awarded to the first, second and third winner.

On 22 December 2020 a Unicode training workshop was organized for Junior Administrative Officers of the institute. Unicode training was imparted by Senior Hindi officer. 10 Junior Administrative Officers participated in it.

# HOSTEL MANAGEMENT



Dance program by students on the occasion of international women





## 19.7 HOSTEL MANAGEMENT

- To provide clean, safe and comfortable accommodation effectively and efficiently to the students/Residents
- To provide free medical advice for residing residents.
- To be a center of excellence in provision of student accommodation services.
- Provision of Garden/parks adjacent to residents building.

### Hostel Details

Sr. No	Hostel Name and Building No	Type of Rooms	Total Rooms
1	JR Hostel (84)	Single	192
2	SR Hostel (85)	Single-168	212
		Double-44	
3	P.G Girls Hostel (86)	Single	204
4	MBBS Girls Hostel (83)	Single-196	240
		Double-44	
5	Nursing Hostel (81)	Single-148	304
		Double-156	
6	MBBS Boys Hostel (77)	Single	250
7	MBBS Boys Hostel (78)	Single	140

### Faculty Members of Hostel

Sr. No.	Name of Member	Designation
1.	Dr. Amit Gupta	Chief Provost
2.	Dr. Anshuman Darbari	Provost (Junior Resident Hall-84)
3.	Dr. Yogesh Singh	Provost (MBBS Boys Hall-77)
4.	Dr. Vishal Mago	Provost (MBBS Boys Hall-78)
5.	Dr. Vasantha Kalyani	Provost (Nursing Girls Hall-81)
6.	Dr. Rashmi Malhotra	Provost (MBBS Girls Hall-83)
7.	Dr. Ranjeeta Kumari	Provost (P.G Girls Hall-86)
8.	Dr. Bela Goyal	Assistant Provost (MBBS Girls Hall-83)
9.	Dr. Kavita Khoiwal	Assistant Provost (Senior Resident Hall-85)
10.	Dr. Amit Kumar Tyagi	Assistant Provost (Junior Resident Hall-84)
11.	Dr. Bhaskar Sarkar	
12.	Dr. Enono Yhoshu	Assistant Provost ( P.G Girls Hall-86)
13.	Dr. Rupinder Deol	Assistant Provost ( Nursing Girls Hall-81)
14.	Dr. Udit Chauhan	Assistant Provost (MBBS Boys Hall-77)
15.	Dr. Abhishek Agrawal	Assistant Provost (MBBS Boys Hall-78)

### Details of Hostel Staff-

Sr. No	Name of Staff	Designation	Hostel Name/ Building No
1.	Mr. Prakash Chandra Semwal	Senior Warden	MBBS Boys Hall (B.No-77&78)
2.	Mr. Mahveer Singh Bisht	Warden	
3.	Mr. Ramkishan Pokhriyal	SKCC	
4.	Mr. Arun Kumar	Office Assistant	
5.	Mr. Ratan Kumar	Warden	JR Hall(B.No-84)
6.	Mr. Jay Prakash	Warden	
7.	Mr. Vijay Joshi	SKCC	

8.	Mr. Punit Singh Aswal	SKCC	SR Hall-85
9.	Mrs. Priyanka Bhatt	Senior Warden	MBBS Girls Hall (B.No-83)
10.	Mrs. Suman Verma	SKCC	
11.	Ms. AnshikaTripathi	Warden	
12.	Mrs. ArtiUttam	Senior Warden	P.G Girls Hall (B. No-86)
13.	Mrs. AnkitaPanwar	Warden	
14.	Ms. Monika	SKCC	
15.	Mrs. Radha	SKCC	Nursing Hall (B. No-81)
16.	Ms. Bhavna	Warden	
17.	Ms. Krishna	SKCC	

### Mission

- To prepare Garden area adjacent to all hostels building.
- Provision of Daily need/Stationary shop in residence area.
- Laundry and dry cleaning facility for hostels
- Cosmetic and general shop.
- Open Gym facility for all hostel.
- Provision of projector for entertainment (for Movies, Sports, Training, Conference)
- Wi Fi facility for all hostels.
- A.C for Guest/visitor & hostel Library.
- To enhance indoor and outdoor sports facility.
- Helpline toll free number 24x7.
- Provision of badminton court adjacent to U.G Girls hostel.
- Inside Library for all hostels.

### Departmental activities

#### 1. Activities / achievement by department

- 15th August 2020 Independence day celebration. (Dance and Drama)
- 11th August 2019 Janmashtami Celebration (Devotional Singing.)
- 5th September 2019 Teachers day celebration.
- 12th September 2019 Ganapati Visarjan. (Visarjan to let surrender to faith over intellect with dhol, colors and flowers.)
- 25 October 2020, Navratri Night (Garba Competition Conducted.)
- 14th November 2020, Diwali Celebration (Rangoli Competition and Musical Night)
- 14th November 2020, Children's Day Celebration (Poetry Competition)

- 25 December 2020, Christmas Day Celebration (Secret Santa Gifts, And Singing Competition)
- 10th March,2021 Holi Celebration (Stand Up Comedy and Dance Party.)
- Issuing of food packets in view of prevention of Covid-19.
- Resident and students who were covid positive during the covid epidemic last year, were provided with separate isolation and food was provided in their room during the isolation.
- Last year, students who went on leave, during the covid epidemic were kept 14 to 20 days upon return and during this time their entire eating arrangement was arranged in their isolation room.
- Certificate of Cleanness to Nursing Girls Hostel (81) and P.G Girls Hostel (86) under the SwachtaAbhiyan Prize given on 2nd October-2020.
- On 8 March 2021 on the occasion of International women's Day the hostel warden Mrs. Radha and Ms. Rakhi were honored by Director Sir.

#### 2. New initiative of department

- "YOUTH" center for Psychiatry counseling facility for students/residents.
- Dairy/Milk Parlor facility
- Saloon shop facility in Hall No-78 & Hall-83
- Indore Billiard and pool table game facility in SR hostel (85)
- Proposed change in western seat into Indian seat in wash room as per student's request.
- Telemedicine service was started at SR Hall from last year-2020

**3. Workshop / conference / training organized by department**

- a) Basic life support training for hostels staffs
- b) Fire safety equipment awareness training
- c) COVID-19 prevention and awareness program.
- d) Teaching sessions on hostel life and adjustment among students.

**4. Future Plan**

- a) To prepare Garden area adjacent to all hostels building.
- b) Provision of Daily need/Stationary shop in residence are.
- c) Laundry and dry cleaning facility for hostels
- d) Provision of projector for entertainment (for Movies, Sports, Training, Conference)
- e) Wi Fi facility for all hostels.
- f) Provision of badminton court adjacent to U.G Girls hostel.

**4. Awards & honors received**

- a) Certificate of Cleanness to Nursing Girls Hostel (81) and P.G Girls Hostel (86) under the Swachta Abhiyan Prize given on 2nd October-2020.
- b) On 8 March 2021 on the occasion of International women's Day the hostel warden Mrs. Radha and Ms. Rakhi were honored by Director Sir.

## 19.8 GUEST HOUSE FACILITY

There are 4 Suites Rooms and 6 AC Rooms in Guest House (Building No.53) and 31 Rooms in Guest House Annexe (Hostel No.02, Building No.85)

**Following facilities are available at our Guest House:**

1. High quality Boarding and lodging facilities

2. Catering and mess facility (Catering services for institutional meetings, examination activities and conferences)
3. Laundry services
4. Free Wi-Fi facility
5. 24x7 Security services
6. Room Services and
7. Free parking



**Department has following members:**

S.No.	Name of Staff	Designation
1.	Mr. Lavi Sharma	L.D.C
2.	Mr. Ajay Kumar	Cook
3.	Mr. Rakesh Kothiyal	Cook
4.	Mr. Naresh Uniyal	Cook
5.	Mr. Suresh Ram Tamta	Steward
6.	Mr. Manoj Chauhan	Steward
7.	Mr. Rajeev Payal	Helper
8.	Mr. Anoop Payal	Helper
9.	Mr. Devender Rana	Room Boy
10.	Mr. Dhani Ram	Room Boy
11.	Mr. Gyan Parkash	Room Boy
12.	Mr. Anil Bharti	Helper
13.	Mr. Sunil Kumar	Helper
14.	Mr. Sachin kumar	Room Boy
15.	Mr. Ramesh Uniyal	Cook
16.	Mr. Ram Bharose	Washerman

**New initiatives of Department**

- a) Rooms renovated with more accessories
- b) Catering and Mess facility
- c) Laundry Services
- d) 24X07 Security
- e) Wi-Fi Facility
- f) Catering services for institutional meetings, examination activities and conferences.
- g) Separate Dining Area with increased sitting capacity and more space
- h) Store Room designed and developed
- i) New Kitchen developed
- j) Newspaper Services

**Activities / Services / achievement by department**

- a) Catered about 759 Guests in last year
- b) Hospitality or Catering service for about 58 conferences
- c) Mess facilities for faculty and families: currently regular members are 60) and guest
- d) Number of function organised (n=6)
- e) Number of guest stayed (n=180) in guest house
- f) Number of guest stayed (n=480) in Annexe guest house.
- g) Start VIP guest house.
- h) Renovation of bathroom.

**Future plan of department**

- a) Interior Decoration
- b) 24x7 Canteen services
- c) ACs in all Rooms of Guest House Annexe
- d) Geysers in all rooms of Guest House Annexe
- e) Signage boards for Guest House
- f) Television in all rooms of Guest House Annexe
- g) Two more new rooms added in Main Guest House due to shifting of kitchen and dining area



# SECURITY SERVICES



## 19.9 SECURITY SERVICES

### Name & designation of the Officers/Staffs giving security services:

S.N	Em. ID	Name Of Staff	Designation
1	22232	Pyar Singh Rana	Security Officer
2	22427	Bharat Payal	Assistant Security Officer
3	22362	SurendraRauthan	Assistant Security Officer
4	22161	Mehrwan Rana	Store keeper cum-clerk
5	22284	Deepak Rawat	Fire Jamadaar
6	22516	Madan krsingh	Store keeper cum-clerk

#### 1. Current activities :

- a) Senior Security Officer comes on duty 20 minutes before the duty time. After coming the SSO visits at the gate number 03 and sign on the duty register. So that any security guard may not comes late on his/her duty. Then the related information is given to all the guards of the shift for the duty of their post.
- b) Details of all the security guards, supervisors and all the gunmen of each shift are checked by the Security Officer twice in each month and if a security guard or security supervisor fails in his duty then the security officer takes immediate action.
- c) Fire Safety training is provided to all the security guards by Fire Jamadar and Fire Supervisor on each Sunday of every week. Fire team check the fire equipments every day. If any equipment is found to be deficient, then the Fire jamadar gives its information to the Engineering Department.
- d) Along with the Security officer 01 assistant security officer always available in general duty at the Security Office. 01 assistant security officer also available (24X7) in all the three shifts.
- e) 01 assistant security officer, 02 supervisor and 04 security guard are stationed at the token counter of OPD who shows the correct path to the patients who comes in the OPD and also control the arrangement of proper parking the vehicles of the patients and their helpers. So that the OPD keep moving smoothly.
- f) Some security guards control the patients as per the correct number given on their token by putting them in the line to avoid any indiscipline.
- g) 06 Supervisor and 86 Security Guards are posted (24X7) from C-1 to C-6 at OPD building who keeps track of all the activities happening there. The guards also helps the patients so that the patients do not face any inconvenience and in the IPD the proper guidance is given to patients and their helpers. They also aware the helpers of the patient about the responsibility for their belongings. So that there may not any type of theft or any other personal accident. To make the proper setup they also control the number of helpers comes with the patients.
- h) In the medical building, (24X7) 03 supervisor remains posted with 42 security guards. They check the outsiders to visit the officials and doctors without permission during the working hours, external persons may be allowed to enter with the permission of concerns.
- i) In the residential premises (24X7) 03 security supervisor and 60 security guards are posted at each hostel, guest house and residence. They maintain the register for incoming and out going persons.
- j) At Trauma Bhawan, 01 Security Supervisor specially focuses on the patients of COVID and gives directions to them, so that the COVID patients do not face any problem.
- k) A civil team has been formed by the security officer which is secretly positioned in the entire AIIMS campus to monitor all the irregular and accidental incidents (theft, antisocial elements) in the Premises whose task is to give information about all the events happening throughout the day to the security officer. So that all the occurrences occurring daily will remain in the custody of the security officer and take action on time.

- l) Smoking is prohibited in the campus. So that no one could enter the AIIMS campus with tobacco, paan, beedi, cigarette, gutkha etc. Even if a custodian is caught smoking, then he is fined Rs 50 / -.
- m) CCTV camera is located in the premises which is operated from the control room. Where 01 supervisor and 03 security personnel are deployed in each of the shift. If any incident happens inside the premises the Security personnel reaches there and take action according to the footage.
- e) CCTV TV Monitor in security department is available with the backup of 08 days, it is to be up graded with the backup of at least 90 days.
- f) AIIMS premises should have fire station, fire extinguishers and firefighting dress and equipments

## 2. Activities:

- a) On the occasion of annual function and national festival (Republic Day and Independence Day) the security department decorates the entire premises of AIIMS. When any VIP (guest or official) arrives in AIIMS premises the security department prepares for their welcome and arrange the security at the campus.
- b) On the occasion of national festivals (Republic Day and Independence Day), for the presentation of parade the security officer prepares all the security guards 04 weeks before. So that the presentation goes smoothly at the time of flag hosting.
- c) Outside the OPD the tokens are arranged by the security supervisor posted on duty so that the crowd of patients coming there could be controlled. So that there may not found any dispute about token number.
- d) Whenever a patient is referred to another hospital outside the AIIMS campus, 01 security guard is sent along with the ambulance.
- e) To prevent the encroachment on the road outside the AIIMS premises, two security guards are deployed on duty and 02 security guards continuously patrol on the bicycle at gate number 03 to gate number 01.

## 3. Future plan :

- a) To start the inquiry window and sound system (P.A. System) in the OPD.
- b) To establishment of police post in the premises, the arrangement of MLC report and FIR.
- c) To arrange the toilets and drinking water system at all the three main gates.
- d) To arrange the luggage scanner machine at all the three main gates.



## 19.10 TRANSPORT SERVICES

AIIMS Rishikesh located in geographical area, which lacks in public transport facility. There is also acute shortage of public parking places in nearby cities viz. Haridwar, and Dehradun. Rishikesh being a centre of pilgrimage, during Yatra season, it is nearly impossible to get Taxi service for pick and drop to nearby railway station and airport. Hence, institute provides helping hand to faculties & officers for pick & drop from Airport, Railway Station & Bus Stand on nominal charges. Institute also provide transport facility to school going children of faculties for Delhi Public School, Haridwar, as there is scarcity of good schools in Rishikesh. However, due to COVID pandemic there was lockdown in most of the year, hence there was limited movements of vehicles.

During the year 20-21 a new tender was floated for supply of vehicles as the earlier supplier was completing his tenure in September 2020. New contract for supply of vehicles was awarded to M/s SPD for Tempo Traveller & Innova and M/s Kohli Travels for supply of lower segment vehicles as they emerged L1 bidder in respective segments, they have started service w.e.f. 09/09/2020. The categories of taxis are as follows:-

S. No.	Type of vehicles	Qty.	Remarks
1.	Swift Dzire 1st April 2020 to 09th September 2020	6	*One Dzire discontinued from 2nd September 2020 *01 Vehicle for Medical Superintendent Office. *Rest five vehicles are engaged in day to day work on pooled basis.
2.	Indigo CS 1st May 2020 to 09th September 2020	4	*One Indigo CS discontinued from month of May 2020 *01 Vehicle for Financial Advisor *Rest two vehicle is engaged in day to day work, in pool vehicle.
3.	Fortuner 1st April 2020 to 31st August 2020	1	*Bring RT-PCR COVID-19 from Indian Council of Medical Research (ICMR), Delhi, Govt. of India.
4.	Innova Crysta 1st April 2020 to 31st August 2020	1	*Dy. Director (Admin)
5.	Tempo Traveler 1st April 2020 to 01st September 2020	1	*PHC Raiwala & PHC Thanu *Bring RT-PCR COVID-19 from Indian Council of Medical Research (ICMR), Delhi, Govt. of India and various consignment from various places during lockdown.
6.	Tempo Traveler (on Bolero rate) 1st April 2020 to 30th September 2020	1	*PHC Raiwala & PHC Thanu *Bring RT-PCR kits for testing of COVID-19 samples from Indian Council of Medical Research (ICMR), Delhi, Govt. of India and various consignment from various places during lockdown.
7.	AC Bus 1st April 2020 to 31st August 2020	1	*Bring RT-PCR kits for testing of COVID-19 samples from Indian Council of Medical Research (ICMR), Delhi, Govt. of India and various consignment from various places during lockdown.

The above vehicles were in used till September 2020.

**The vehicles supplied by new vendors are as under**

S. No.	Type of vehicles	Qty.	Remarks
1.	Swift Dzire 10th September 2020 to 31st March 2021	1	*Engaged in day to day work on pooled basis.
2.	Indigo CS/Zest/Wagonor 10th September 2020 to 31st March 2021	5	*01 Vehicle for Medical Superintendent Office. *01 Vehicle for Financial Advisor *Rest three vehicle is engaged in day to day work, in pool vehicle.
3.	Ciaz 10th September 2020 to 31st March 2021	1	*Institute Guest
4.	Mahindra Bolero	1	*CFM Department for field visit
5.	InnovaCrysta 01st September 2020 to 31st March 2021	3	*Dy. Director (Admin) (01st September 2020) *Dean (A) (2nd September 2020) *General pool vehicle (2nd September 2020) *Bring RT-PCR kits for testing of COVID-19 samples from Indian Council of Medical Research (ICMR), Delhi, Govt. of India and various consignment from various places during lockdown.
6.	Tempo Traveler 01st September 2020 to 31st March 2021	2	*PHC Raiwala & PHC Thanu *Bring RT-PCR kits for testing of COVID-19 samples from Indian Council of Medical Research (ICMR), Delhi, Govt. of India and various consignment from various places during lockdown.

Monthly hiring charges are fixed for 2400 kms and 10 hours services per month.

In the condition of journey beyond Uttarakhand State, viz Delhi, Chandigarh etc. we are hiring extra vehicles on daily/lum-sum basis as per requirement.

**Apart from above, Institute owned following vehicles:-**

S. No.	Type of vehicles	Qty.	Remarks
1	Innova (UK14GA0015)	1	Hon'ble Director sir
2	MarutiCiaz (UK14GA0016)	1	Institute Guest
3	Ambulance (Cardiac Care) TATA Winger (UK14GA0001) (UK14GA0002)	2	Patient's care
4	SML, Bus 32 Seater (UK14GA0017) (UK14GA0018)	2	Field visit by Student's (MBBS & Nursing)
5	Ambulance Tempo Traveller (UK14GA0024)	1	Donated by M/s THDC
6	Comac Road Sweeping Machine	1	Road Sweeping Machine

**Department has following members:**

Sl. No.	Name of Member	Designation
1	Shri Harish Mohan Thapliyal (Officer Incharge of vehicle services)	Public Relation Officer
2	Shri Rajeev Kumar Singh	Store Keeper
3	Shri Awdhesh Sharma	Store Keeper
4	Shri Ramratan	Driver
5	Shri Mahavir Singh Tadiyal	Driver
6	Shri VikashKuliyal	Driver
7	Shri Suresh Kharola	Driver
8	Shri Dharam Singh	Driver
9	Shri Sonu Singh	Driver
10	Shri Anil Kumar Ranjan	Driver
11	Shri Vijendra Singh	Driver
12	Shri Mahesh Thapa	Driver
13	Shri Sushil Kumar	Driver
14	Shri Pramod	Driver

**I) Departmental activities:****1. Activities/Services/achievement by department**

During 2020-21, 438 trips were made by Faculties/Officers for pick & drop services for airport / Bus stop / Railway station for non – official / personal trips. Resulting into revenue generation of 25,550/-. Further, Students were provided free trip to Dehradun for Sunday shopping. Transport department provided logistic services for transportation of PPE kits, N95 Mask, Sanitizers & RTPCR kits for testing of Covid samples from various places i.e. Chandigarh, Himachal, U.P. & Delhi. This was not only during lockdown period, when movements of all types of transport vehicles were restricted due to lockdown, but also it was continued after unlock was initiated by government. Support to all invitees in Convocation, guest lecturers in various seminars and subject experts during faculty interviews.

**2. New initiative of department**

During the lockdown period nothing was available for commutation due to which the healthcare workers were finding it difficult travel to Institute. Hence, pick & drops services in three shifts were started with fixed route plan, so that the facilities could be used by maximum staff.

**3. Workshop / conference / training organized by department, if any**

All ambulance driver were trained for donning & doffing of PPE kits and hand hygiene. All staff of transportation team also were trained for hand hygiene and safety majors during pandemic period at work places.

**4. Any other activities of department**

Compulsory sanitation of ambulances after use for transportation of Covid patient.

# HOUSE KEEPING SERVICES



## 19.11 HOUSE KEEPING SERVICES

All India Institute of Medical Sciences, Rishikesh has mechanized cleaning work done by M/S MJ SOLANKI, Ahmedabad(Gujrat). The institute campus is divided into Trauma Center, Emergency Services, OPD, IPD, Medical College, Residential Complex and Field. M/S MJ SOLANKI, Ahmedabad is providing the best disinfectant sanitation facilities to the institution under the Supervision of, 01 Manager, 01 Operational Manager, 01 Human Resource Assistant and 25 Supervisors, The Trained workers are doing the cleanliness work in the campus. Effective inspection is carried out daily by 03 sanitation inspectors and timely inspection of sanitation of the entire institute carried out by Senior sanitary Officer and necessary instructions are given to subordinate employees. With the help of infection Control

Department, Vaccination of officers and employees done regularly and training programs are also organized in the hospital premises by sanitation department. Emergency services, IPD blocks and trauma center block are open 24x7, where supervisors and employees works in 03 shifts for the cleaning of the same. A separate team has been formed for disposal of biomedical waste in the institute campus. The biomedical waste generated in the institute daily collected by the trained supervisors and employees and sent it to Biomedical Collection Center. The entire biomedical waste is disposed of by the medical pollution Control Committee, Roorkee. The work of pest control in the Institute campus is being done by Suryansh Intertech Pvt Ltd, New Delhi.

Department has following members –

Sl.No.	Name of Member	Designation
1	Pramod Kumar Saini	Senior Sanitary officer
2	Green Kumar	Sanitary inspector
3	Sanjeev Kumar Saxena	Sanitary inspector
4	Sachin Kumar	Sanitary inspector
5	Mr. Deepak Kumar	Medical Record Clerk

### I) Departmental activities :

#### 1. Activities/Services/achievement by department

The common waste is collected separately as dry and wet waste by the Department of Sanitation. For which the dustbin (green and blue) has been kept in the form of a pair in the entire institute. In which wet waste is disposed of by the Sanitation Department in AIIMS campus and dry waste is disposed of by the Municipal Corporation Rishikesh through M/s MJ Solanki.

#### 2. New initiative of department

Department of Sanitation and Infection Control Committee gives Special training to the employees related with the work of prevention of the infection of terrible epidemic like covid- 19 in AIIMS campus. In order to encourage employees, to increase their interest towards the work and competition 07 best working employees awarded every month.

#### 3. Workshop/ conference/training organized by department

Various trainings for all the employees of the department viz. Separation of biomedical waste and wet-dry waste, to prevent the single-use plastic, hand hygiene, modern methods of cleaning, use of various insecticidal chemicals, methods of collection of biomedical waste were given by the Department of Sanitation.

#### 4. Future plan of department

Action plan for disposal of dry waste under the Solid Waste Management Act 2016

#### 5. Member's activities :

- a) Shri Pramod Kumar Saini (Senior Sanitary Officer) - Inspection of daily cleanliness in AIIMS campus and gives necessary guidelines to subordinate staff, compliance of orders of Senior officers, action plan for the department, resolving various problems of employees, and inspection of pest control work, Supervision of biomedical waste Management of Sanitation Department office.

- b) Shri Green Kumar (Sanitary Inspector) - Inspection and supervision of daily sanitation system of his work area, Work instructions to subordinate employees, on the spot inspection of pest control work and compliance of orders of Senior officers.
- c) Shri Sanjeev Kumar Saxena (Sanitary Inspector) - Inspection and supervision of daily sanitation system of his work area , giving directions to subordinate employees on the spot, inspection of pest control work and compliance of orders of Senior officers.
- d) Shri Sachin Kumar (Sanitary Inspector) - Inspection and supervision of daily sanitation system of his work area , giving guidance to subordinate employees, on the spot inspection of pest control work, inspection of biomedical waste work and compliance of orders of Senior officers.

**6. Participated in Conferences / workshops / trainings**

Various trainings for all the employees of the Sanitary Department wise separation of biomedical waste and wet-dry waste, to prevent of single use plastic, hand hygiene, modern methods of cleaning, use of various insecticidal chemicals, methods of collection of biomedical waste are given by the Senior Sanitary Inspector, department of sanitation.

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## 19.12 HOSPITAL STORE

AIIMS, Rishikesh is one of Six AIIMS like apex healthcare institutes being established by Ministry of Health & Family Welfare, Government of India under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY). With aim of correcting regional imbalances in quality tertiary level healthcare in country. and attaining self-sufficiency in graduate and postgraduate medical education and training PMSSY planned to set up 6 new AIIMS like institutions in underserved areas of country.

Since inception, Store department of AIIMS Rishikesh has played vital role in installation of equipment/instruments from basic to very high end.

Supply of fast-moving consumable goods in timely manner is ultimate goal of Surgical and diagnostic store. Reagents, surgical disposables, controls, calibrators etc which are lifeline of any hospital for smooth functioning should be given special attention. Taking care of that Hospital store regularly procure consumables with different needs. Hospital store has recently managed to establish 24x7 emergency diagnostic lab with maintenance

free equipment at no cost basis against rate contract for reagent/consumables.

### Part of Hospital Store :

#### A. Non Consumable Store

1. Equipment Store
2. Linen & Furniture Store

#### B. Consumable Store

1. Surgical Store
2. Diagnostic Store
3. Pharmacy Store

#### C. Local Purchase Store

#### D. HLL Equipment Store

### Procurement Process

- 1) Demand of department
- 2) Availability in Store
- 3) Categorization of Equipment
- 4) Finalization of Technical Specification
- 5) Tendering Process as per GFR
- 6) Material Received & Installation
- 7) Stock Entry in Store

### Equipments/Instruments procurement details during 2020-2021

S No	Goods Name	Qty	Method	Date of Receiving	Total Cost With Tax
1	Purehold hygiene door handle	4	LPC	05-05-2020	226560
2	BIS Monitoring Electrode (Adult)	50	LPC	13-06-2020	64232
3	BIS Monitoring Electrode (pedia)	100	LPC	13-06-2020	128464
4	Nerve locator & simulator	1	LPC	01-05-2020	179379
5	Platelet Riched Plasma(PRP Machine)	1	LPC	25-06-2020	94400
6	Bard maxcore trucut biopsy gun	60	LPC	18-08-2020	212484
7	High End Cardiac HDU Bed	12	Tender	24-04-2020	11785722
8	Adult fast simulator	1	Proprietary	15-07-2020	2835451
9	Ventilator	10	Covid	15-06-2020	13549849
10	Precise Temp measurement thermal Imager	5	Covid	30-04-2020	6785000
11	B p instrument	10	Covid	23-04-2020	13500
12	Infrared thermometer	10	Covid	23-04-2020	85000
13	Sthethoscope	10	Covid	23-04-2020	4500
14	Weight & height machine	2	Covid	23-04-2020	5560
15	Pulse oxymeter	10	Covid	23-04-2020	12750
16	Oxygen Flowmeter	11	Covid	05-05-2020	19712
17	Wrench	5	Covid	05-05-2020	3835
18	Oxygen cylinder key	5	Covid	05-05-2020	649
19	Infusion Pump non volumetric	24	Covid	29-04-2020	778800
20	Sterrad velocity reader	1	Tender	23-07-2020	311520

21	Sterrad velocity reader printer	1	Tender	23-07-2020	FOC
22	Cell salvage & scavenging system	1	Tender	05-11-2020	1290240
23	X-ray view box	1	GEM	24-06-2020	21499
24	Weighing machine(electronic)	1	GEM	17-06-2020	19590
25	ECG Machine	2	GEM	29-04-2020	197578
26	Ventilator	20	GEM	24-05-2020	27099700
27	Pulse oxymeter	20	GEM	05-05-2020	19959
28	Fully Automated nucleic acid extraction system	1	Tender	03-06-2020	3787800
29	Deep freezer -20 deg	4	Proprietary	15-04-2020	708000
30	Nano micro spectrophotometer	1	GEM	13-05-2020	499000
31	Dialysis machine	2	Proprietary	01-04-2020	2240000
32	R.O (portable)	1	Proprietary	01-04-2020	1783275
33	Thermocoagulator	1	LPC	08-07-2020	249200
34	NST Machine (CTG machine)	1	Tender	12-06-2020	267680
35	Battery housing kit(Aspetic battery kit)	3	Proprietary	29-05-2020	250307
36	Cryostat	1	Tender	26-05-2020	2757660
37	Slide warmer	1	LPC	19-09-2020	244160
38	DNA Warmer	1	LPC	19-09-2020	246400
39	Container warmer	1	LPC	19-09-2020	247520
40	Bedside Bronchoscope	1	LPC	03-04-2020	249700
41	Digital mobile x-ray unit	2	Proprietary	13-08-2020	13644082
42	Self-retaining abdominal retractor	1	Proprietary	14-10-2020	57075 USD
43	Pulse oxymeter	20	GEM	05-05-2020	24740
44	Monopolor TUR SET	1	Proprietary	04-06-2020	1358734
45	Heavy duty suction pump	13	Tender	02-04-2020	6901440
46	Heavy duty suction pump				
47	Ventilator	5	Tender	01-04-2020	6774924
48	Defibrillator	8	Tender	01-04-2020	7504000
49	Multipara monitor	7	GEM	01-04-2020	5292000
50	Syringe Pump	10	Tender	07-04-2020	520453
51	Syringe Pump	50	Tender	16-04-2020	2602264
52	Heavy duty suction pump	50	Tender	24-04-2020	26544000
53	Smart monitoring device	38	Tender	28-04-2020	8937600
54	Ultrasound machine(colour doppler)	2	Tender	23-04-2020	11872000
55	Ventilator	26	COVID	18-08-2020	35229608
56	INFUSION PUMP NON VOLUMETRIC	226	COVID	27-07-2020	7333700
57	LIQUID NITROGEN CONTAINER	3	TENDER	23-06-2020	704460
58	Ventilator	10	FOC	22-06-2020	FOC
59	BENEFUSION	15	GEM	02-07-2020	495000
60	High End Ultrasound Machine with all Accessories	1	TENDER	08-07-2020	11144000
61	Anaesthesia Workstation	8	TENDER	01-05-2020	42717402
62	Ultra Light Weight Lead Aprons and Thyroid Shield	4	TENDER	17-07-2020	336488
63	Ultrasound WITH NEEDLE GUIDANCE SYSTEM	2	TENDER	28-04-2020	4144000
64	PULSE OXIMETER	50	TENDER	14-07-2020	10970400
65	NEON TRANSFECTION SYSTEM	1	Proprietary	10-08-2020	448400
66	XENON LAMP	3	Proprietary	20-07-2020	194700
67	DEHUMIDIFIER	3	LPC	20-07-2020	235410



68	VITRECTOMY BASIS PACK POSTERIOR	25	LPC	24-06-2020	237175
69	NERVE LOCATOR AND STIMULATOR	1	Proprietary	28-07-2020	179379
70	Laser upgradation of vitrectomy machine with laser delivery system	1	Proprietary	15-07-2020	2469507
71	Ambu monitor	2	COVID	29-09-2020	490000
72	Ambu scope	13	COVID	29-09-2020	396000
73	Air mattress	30	COVID	02-09-2020	80640
74	Physical activity monitor(Actigraph)	2	Tender	06-07-2020	336000
75	Air curtain	3	LPC	28-08-2020	208099
76	Formalin chamber	5	GEM	23-07-2020	56640
77	Debakey Forcep 2.0mm str 200mm	2	LPC	18-08-2020	45570
78	Debakey Forcep 2.0mm str 240mm	2	LPC	18-08-2020	45606
79	Debakey Forcep 3.5mm str 200mm	2	LPC	18-08-2020	48115
80	Debakey Tangential Clamp 240mm	1	LPC	18-08-2020	54001
81	Debakey Tangential Clamp 220mm	1	LPC	18-08-2020	54001
82	Flow sensor for ventilator	20	COVID	09-05-2020	208000
83	Exhalation valve Assy	5	COVID	09-05-2020	77165
84	High flow nasal cannula (Humidifier)	36	COVID	11-11-2020	6975360
85	Syringe Pump volumetric	30	Proprietary	22-07-2020	1256640
86	Syringe Pump non volumetric	30	Proprietary	22-07-2020	1580544
87	Multipara monitor	10	Tender	29-08-2020	12265000
88	Multipara monitor	10	Tender	29-08-2020	12265000
89	Multipara monitor	15	Tender	15-07-2020	27043005
90	Biosafety cabinet	8	COVID	23-07-2020	5569600
91	Biosafety cabinet	1	COVID	17-08-2020	696200
92	Infusion Syringe Pump	60	Tender	29-07-2020	3122716
93	Air purifier	8	COVID	21-07-2020	247998
94	Transport resuscitation trolley for OT	12	Tender	24-10-2020	18343200
95	Ventilator(High end ICU Ventilator)	20	HLL	23-09-2020	33943360
96	Ventilator(High end ICU Ventilator)	20	HLL	05-08-2020	33912609
97	Ventilator(High end ICU Ventilator)	20	HLL	12-10-2020	34000000
98	Automatic dispersal of hand sanitizing substance	6	LPC	08-04-2020	245280
99	Bipap machine	30	Tender	24-11-2020	12196800
100	Infusion pump volumetric	250	COVID	07-08-2020	8850000
101	HLD Generator	1	Tender	13-07-2020	1590400
102	COOLEY PAEDIATRIC FORCEPS 24 MM 160 MM	1	LPC	07-09-2020	69812
103	LOWER GULL DUCT FORCEPS 180 MM	1	LPC	07-09-2020	45696
104	BABY MIXTURE FORCEPS HEAVY CVD 180MM	1	LPC	07-09-2020	40275
105	BABY MIXTURE FORCEPS HEAVY CVD 140MM	1	LPC	07-09-2020	40073
106	DISS A. LIGAT FORCEPS S SHAPED 220MM	1	LPC	07-09-2020	51175
107	KASSAM UPTOED BIPOLAR -1MM	1	LPC	17-06-2020	59080
108	KASSAM UPTOED BIPOLAR -2MM	1	LPC	17-06-2020	59080
109	KASSAM SIDEWINDER BIPOLAR -3MM	1	LPC	17-06-2020	59080
110	KASSAM ARROW TIP FINE BIPOLAR -3MM	1	LPC	17-06-2020	60480
111	BIPOLAR HIGH FREQUENCY CABLES	1	LPC	17-06-2020	10974
112	FLUID WARMER	1	LPC	30-09-2020	164640
113	BLOOD AND IV FLUID HOTLINE WARMING SET	70	LPC	30-09-2020	79968

114	CASTRO NEEDLE HOLDER	2	LPC	23-09-2020	158096
115	MICRO SCISSOR 6"STRAIGHT	1	LPC	23-09-2020	90028
116	CASTRO NEEDLE HOLDER 6"WITH LOCK	2	LPC	23-09-2020	169191
117	MICRO DRESSING FORCEPS STRAIGHT	2	LPC	23-09-2020	60880
118	MICE CAGE	100	LPC	16-10-2020	107100
119	MICE CAGE RACK	4	LPC	16-10-2020	92820
120	RAT CAGE	100	LPC	16-10-2020	171150
121	RAT CAGE RACK	3	LPC	16-10-2020	76230
122	M-TURBO COLOR DOPPLER ULTRASOUND SYSTEM	1	GEM	15-07-2020	1760000
123	HEART LUNG MACHINE	1	TENDER	02-07-2020	7557760
124	LAPAROSCOPIC SETUP	1	TENDER	04-06-2020	EURO 97996 + INR 284300 + GST EXTRA
125	Anaesthesia Workstation	1	TENDER	09-05-2020	4372281
126	PANTHER SYSTEM FULLY AUTOMATED TMA BASED MOLECULAR TESTING SYSTEM	1	TENDER	29-09-2020	26904000
127	Vein Viewer	4	TENDER	21-07-2020	2531200
128	Ventilator(High end ICU Ventilator)	8	HLL	14-09-2020	93064 USD
129	Multipara monitor with central monitoring system	38	HLL	19-06-2020	41170498
130	Multipara monitor with central monitoring system	72	HLL	31-08-2020	
131	Ventilator(High end ICU Ventilator)	20	HLL	15-10-2020	232660 USD
132	Ventilator	2	FOC	08-09-2020	FOC
133	Ventilator(High end ICU Ventilator)	20	HLL	22-10-2020	232660 USD
134	Rigid bronchoscope	1	Tender	08-02-2021	2699700
135	Nasal endoscope & fiber optic laryngoscope	1	Tender	04-06-2020	53984.44 EURO + 237770 INR
136	Various instruments	28	Tender	20-11-2020	460507
137	Various instruments	9	Tender	28-09-2020	559607
138	Various instruments	14	LPC	03-06-2020	248330
139	Stadiometer	1	LPC	09-10-2020	244260
140	Infantometer	1	LPC	09-10-2020	247800
141	Physical activity monitor(Actigraph)	2	Tender	15-02-2021	509600
142	Cardiovascular surgical Instruments set	122	Tender	10-09-2020	629560
143	Arthroscopy System	1	Tender	29-05-2020	5991823
144	GOFCOMINE EBT-3	1	LPC	13-10-2020	246314
145	ISO CENTER/LASER ALIGN DESIGN	1	LPC	13-10-2020	
146	DIGITAL BAROMETER & THERMOMETER	1	LPC	13-10-2020	
147	Ultrasound machine(portable)	1	GEM	26-03-2021	2180000
148	Laser Machine with std Accessories	1	Tender	13-02-2021	2972060
149	Blood bank monitoring & surveillance software system	1	Tender	20-07-2020	6254000
150	ABG Machine	1	GEM	20-05-2020	210000
151	Deep Freezer -80 degree	2	COVID	26-09-2020	3171840



# CENTRAL PHARMACY



WORLD PHARMACIST DAY



## 19.13 CENTRAL PHARMACY

AIIMS Rishikesh is an apex healthcare institute, established by Ministry of Health & Family Welfare, Government of India under Pradhan-Mantri Swasthya Surakasha Yojna (PMSSY) in August-2012. Since its inception, the Pharmacy Section of AIIMS Rishikesh has played a vital role in providing essential national medicines to treat in-patient department (IPD) patients on time.

### Mission

“Our mission is to bring healthcare standards within reach of every individual. We are committed to the achievement and maintenance of excellence in healthcare for the benefit of humanity.”

### Goals

- Improving inventory and dispensing efficiency have been key goals for Central Pharmacy.
- To achieve UHID based indent for all IPD prescriptions. To Integrate technology that improves efficiency and safety undertake in pharmacy functioning.
- To achieve and maintain quality medicines procurement at competitive prices is the priority of Central Pharmacy.
- To follow standard pharmacy procedures in line with established hospital policies and achieve
- To achieve international standards of medication safety.
- To be a responsible and effective integral member of patient care.
- To undertake Measures for increasing public awareness for rational use of medicines.

### Organizational structure

- The pharmacy section conducts all pharmacy work under the guidance of Hon'ble Director & CEO, Medical superintendent and Dean (Hospital Affairs)
- Executive responsibility of Pharmacy has been delegated by competent authority to:
  - Dr. Puneet Dhamija, Faculty In-charge, Pharmacistore.
  - Dr. Gaurav Chikara, Faculty In-Charge and procurement officer, Pharmacy.
- A core team of Central Pharmacy comprises of twenty-four Pharmacists and Three dispensing attendants.

### Working Distribution

Currently, Pharmacy at comprises of:

- One central store.
- Three sub-stores:
  - Level 5 Sub-store.
  - COVID/Trauma sub- store.
- Dedicated pharmacy facility in:
  - Operation theatre complex.
  - Emergency area.

### Activities / Achievement by Department:

- Provision free of cost medicines to IPD patients.
- Under the Leadership of Hon'ble Director sir, Bureau of Pharma Public Undertakings of India (BPPI) was maintained as preferred source of medicines procurement, thus making the possible purchase of high-quality medicines for Patients at subsidized prices and simultaneously savings crores of funds.
- During the COVID pandemic, Central Pharmacy was operated 24 X7, thus ensuring uninterrupted medicines supply to patients.
- By Utilizing the NIC Software e-pharmacy module, under e-hospital software, for procurement and dispensing of medicines, more wards were linked to the framework. This ensured transparent inventory management and indent process and thus, closing towards our goal of digital working and UHID based indent.
- As the population of EHS beneficiaries increased, measures were taken in coordination with faculty In-charge, EHS, for efficient medicines supply through EHS sub-Section of pharmacy.
- Initiated, Level 5 Sub-store, COVID/Trauma sub- store pharmacy for dispensing medicines on UHID Basis of the patient and optimal resource utilization.
- To save expiry of medicine, central pharmacy returns near expiry medicine and the total amount of near expiry medicine is recovered from the RC vendor through credit note.
- Roster management of involved pharmacists and staff to ensure 24X7 indent as well as COVID appropriate behavior.
- Demand Process was further regularized and prepared according to the hospital formulary or consumption list.
- Under the supervision of the medical superintendent's office, pharmacy continued its noble drive of collecting medicines, from donors.



# Annual Accounts F.Y. 2020-21

# **Annual Accounts**

## **F.Y. 2020-21**



**All India Institute of Medical Sciences,  
Rishikesh, Uttarakhand**

**भारतीय लेखापरीक्षा और लेखा विभाग**

कार्यालय महानिदेशक लेखापरीक्षा (केन्द्रीय) लखनऊ,

शाखा कार्यालय - प्रयागराज

**INDIAN AUDIT AND ACCOUNTS DEPARTMENT**

Office of the Director General of Audit (Central) Lucknow,

Branch Office - Prayagraj

पत्र संख्या: म.नि0ले0प0 (केन्द्रीय)/पू.ले.प.- /2021-22/  
सेवा में,

दिनांक : .11.2021

सचिव, भारत सरकार,  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय,  
उच्च शिक्षा विभाग,  
निर्माण भवन, नई दिल्ली-110001

विषय : भारतीय आयुर्विज्ञान चिकित्सा संस्थान, ऋषिकेश, उत्तराखण्ड के वर्ष 2020-21 के लेखों पर आधारित पृथक लेखापरीक्षा प्रतिवेदन।

महोदय,

इस पत्र के माध्यम से भारतीय आयुर्विज्ञान चिकित्सा संस्थान, ऋषिकेश, उत्तराखण्ड के वर्ष 2020-21 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) की प्रति अग्रसारित की जा रही है।

- कृपया सुनिश्चित करें कि पृथक लेखापरीक्षा प्रतिवेदन एवं सम्बन्धित लेखे संसद के दोनों सदनों के सम्मुख प्रस्तुत हुए।
- कृपया पृथक लेखापरीक्षा प्रतिवेदन एवं लेखों को संसद के दोनों सदनों के समक्ष अन्तिम रूप-से प्रस्तुत करने की तिथि भारत के नियंत्रक एवं महालेखापरीक्षक के साथ-साथ इस कार्यालय को भी सूचित करने का कष्ट करें।

संलग्नक: उपर्युक्तानुसार।

भवदीय,

महानिदेशक लेखापरीक्षा (केन्द्रीय)

पत्र संख्या: म.नि0ले0प0 (केन्द्रीय)/पू.ले.प.-50/2021-22/131 दिनांक : 01.11.2021

वर्ष 2020-21 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) की प्रति निदेशक, भारतीय आयुर्विज्ञान चिकित्सा संस्थान, ऋषिकेश, उत्तराखण्ड-249203 को आवश्यक कार्यवाही हेतु प्रेषित है। संस्थान यदि आवश्यकता अनुभव करे, तो इस प्रतिवेदन का हिन्दी अनुवाद करवा सकता है परन्तु इस प्रतिवेदन के हिन्दी अनुवाद में निम्नलिखित अंकित होना चाहिए :

“प्रस्तुत प्रतिवेदन मूलरूप से अंग्रेजी में लिखित पृथक लेखापरीक्षा प्रतिवेदन का हिन्दी अनुवाद है। यदि इसमें कोई विसंगति परिलक्षित होती है तो अंग्रेजी में लिखित प्रतिवेदन मान्य होगा।”

हिन्दी अनुवाद की एक प्रति इस कार्यालय को भी प्रेषित करने का कष्ट करें।

संलग्नक: उपर्युक्तानुसार।

निदेशक (केन्द्रीय व्यय)

मुख्यालय: तृतीय तल, ऑडिट भवन, टी.सी.-35-बी-1, विभूति खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.) दूरभाष: 0522-2970789, फैक्स: 0522-2970780 (म.नि.)

Headquarter: 3rd Floor, Audit Bhawan, T.C.-35-V-1, Vibhuti Khand, Gomti Nagar, Lucknow-226010 Ph: 0522-2970789 Fax: 0522-2970780 (D.G.)

शाखा कार्यालय: चतुर्थ तल, 15 अ सत्यनिष्ठा भवन, दयानंद मार्ग, प्रयागराज-211001 (उ.प्र.) दूरभाष/फैक्स: 0532-2420783

Branch Office; 4<sup>th</sup> Floor, 15 A Satyanistha Bhawan, Dayanand Marg, Prayagraj-211001 (U.P.) Ph/Fax- 0532-2420783

**Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of the All India Institute of Medical Sciences (AIIMS), Rishikesh for the year ended 31 March, 2021**

We have audited the attached Balance Sheet of All India Institute of Medical Sciences, Rishikesh (Institute) as at 31 March 2021, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 18(2) of the AIIMS Act 1956(Amendment-2012). These financial statements are the responsibility of Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. The separate Audit Report contain the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & regulations (Propriety and Regulatory) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- (ii) The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the Uniform format of Accounts approved by the Ministry of Finance, Government of India;
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by AIIMS Rishikesh as required under section 18(1) of the AIIMS Act 1956(Amendment-2012) in so far as it appears from our examination of such books.



(iv) We further report that:

**General**

1. The Institute has included ₹ 2.02 crore of PNB (VRDL) in its annual accounts under opening balance of Receipts & Payments Accounts. Therefore, the opening balance of this year has been shown more than the closing balance of previous year by the same amount.
2. The Institute has not made the provision for retirement benefits on actuarial basis as required in AS-15.

**(A) Grant-in-Aid**

(i) The Institute received Grant-in-Aid of ₹ 851.75 crore and generated internal income of ₹ 28.49 crore during the year 2020-21. After taking opening balance of ₹ 155.99 crore, the total available fund worked out to ₹ 1036.23 crore. The Institute utilized a sum of ₹ 641.23 crore, leaving a balance of ₹395.00 crore as on 31<sup>st</sup> March 2021.

(ii) The Institute has a balance of ₹ 2.64 crore under (Swachhata Action Plan) out of which, ₹ 0.80 crore has been utilized. The Institute has a balance of ₹1.84 crore as on 31<sup>st</sup> March, 2021

(v) Subject to our observations in the preceding paragraphs we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

(vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on accounts and subject to the significant matter stated above and other matters mentioned in the Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

- a. In so far as it relates to the Balance Sheet, of the state of affairs of the AIIMS, Rishikesh as at 31 March,2021; and
- b. In so far as it relates to Income and Expenditure Account of the 'surplus' for the year ended on that date.

For and on behalf of the C&AG of India



Director General of Audit (Central)

Place: Lucknow

Date: 1. 12. 20 21

**Annexure**

**1.Adequacy of Internal Audit System**

Internal Audit of the Institute has been conducted for the year 2020-21.

**2.Adequacy of Internal Control System**

The Internal control system of the Institute seems to be Adequate.

**3.System of physical Verification of Fixed Assets**

Physical verification of Fixed Assets has been conducted for the year 2020-21.

**4.System of physical Verification of Inventory**

Physical verification of Inventory has been conducted for the year 2020-21.

**5. Regularity in payment of Statutory Dues**

The Institute is regular in payment of statutory dues.



Director



## ALL INDIA INSTITUTE OF MEDICAL SCIENCES

Virbhadra Road, Rishikesh, Uttarakhand – 249201

### Reply to Final SAR of AIIMS, Rishikesh for year ended 31<sup>st</sup> March 2021

1. No comments, being statement of facts.
2. No comments, being statement of facts.
3. No comments, being statement of facts.
4. (i) No comments.  
(ii) No comments.  
(iii) No comments.  
(iv) General


1. The balance of PNB VRDL A/c was not included in FY 2019-20 in R&P A/c, hence it is included after making due corrections in opening balance of Receipt & Payment account of FY 2020-21. The intention was to show all the known accounts in account books and keeping maximum transparency in preparation of books of accounts. There is no impact of this correction on the balance sheet and this disclosure leads to improvement of statement of funds.

2. Institute has already created fund for retirement benefits on estimated basis after approval of SFC agenda no. SFC-04/16. Actuarial basis calculation will be complied next financial year.

(A) Grant in Aid:

- (i) No comments, being statement of facts.
  - (ii) No comments, being statement of facts.
- (v) No comments, being statement of facts.  
(vi) No comments, being statement of facts.

  
Comdt. P.K. Mishra  
Financial Advisor

  
Prof.(Dr.) Arvind Rajvanshi  
Director





**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
**Virbhadra Road, Rishikesh, Uttarakhand – 249201**

Reply to queries raised in Annexure

1. No comments.
2. No comments.
3. No comments.
4. No comments.
5. No comments.

In view of the above explanations, the paras raised in Final SAR may be considered for dropping.

  
Comdt. P.K. Mishra  
Financial Advisor.

  
Prof. (Dr.) Arvind Rajvanshi  
Director



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
RISHIKESH, UTTARAKHAND 249203**

**Receipt & Payment Account for the year ending 31st March, 2021**

(Amount in Rs.)

Receipt	Current Year	Previous Year	Payment	Current Year	Previous Year
<b>(A) Opening Balance</b>			<b>(A) Outflows</b>		
PNB 6189000100028128	-	2,94,830.00	<b>ESTABLISHMENT EXPENSES:-</b>		
CELEBI Account	49,620.00	49,620.00	Salary	2,29,27,94,816.00	2,31,05,66,944.00
PNB 6189000100021125	1,80,20,58,355.00	39,18,52,306.97	Medical Reimbursement	9,69,853.00	21,98,915.00
PNB 6189000100021295 (Recruitment)	3,22,433.00	1,97,38,852.57	Leave Travel Concession	83,41,113.00	52,53,201.00
FDR	44,20,53,169.00	75,98,24,560.00	Children Education Allowance	35,70,702.00	31,01,529.00
Margin for BOB L.C A/c	45,47,500.00	98,26,395.41	Contribution Towards NPS	11,32,62,400.00	11,63,65,984.00
PNB (Service Tax A/c) 6189000100032361	3,64,326.00	90,689.86	Pension & Leave salary Contribution (Deputation Employees)	6,53,867.00	7,65,336.00
PNB (POS) 6189002100000791	1,06,956.00	74,29,153.25	Travelling Allowance paid on Transfer	-	16,97,057.00
Investments in Bonds/ Securities	3,50,00,000.00	3,50,00,000.00	Learning Resources Allowance	2,79,82,034.00	2,62,64,136.00
HDFC Bank L.C A/c	1,92,50,467.00	1,42,81,350.07	Lease Rent for Accommodation	7,00,57,348.00	5,24,10,132.00
HDFC Bank (POS) 50100213888030	12,16,07,137.00	14,42,49,914.04	EPF Contribution for Employees	1,88,792.00	2,47,685.00
HDFC Bank (IRF A/c) 50100215419202	4,92,64,246.00	3,26,99,463.49	Earn Leave Encashment	4,27,942.00	19,61,625.00
HDFC Bank (Loans & Advances A/c)	5,42,12,502.00	5,20,92,921.00			
PNB ( Research Cell A/c)	2,67,67,505.00	1,67,48,176.90	<b>OTHER ADMINISTRATIVE EXPENSES</b>		
PNB (TDS A/c) 6189000100047372	3,33,15,183.00	3,14,95,937.00	<b>ETC:-</b>		
YES Bank ( POS) 039194600000530	37,32,230.00	4,65,27,571.95	a) Purchases:		
Bank of Baroda Endowment Fund A/c	58,380.00	5,31,57,479.00	(i) Hospital Consumables/Medicines	87,91,89,834.00	95,24,42,945.00
HDFC (Recruitment A/c) A/c No. 50100205840472	7,46,10,180.00	4,06,02,463.60	b) Labour and processing expenses:		
SBI (Recruitment A/c) A/c No. 36961492287	53,427.00	51,206.00	(i) Wages to labours	-	-
HDFC Bank (FCRA) A/c No. 50100218515073	10,01,914.00	-	(ii) Hiring of Manpower (House keeping & Security)	1,01,43,50,650.00	48,02,49,395.00
PNB A/C No. 6189000100053124 (VRDL)	2,01,84,395.00	-	c) Electricity and power:	-	-
PNB (Jan Aushadhi) A/C No.	13,61,482.00	-	(i) Electricity Charges	12,73,06,404.00	12,18,70,524.00
YES Bank (Jan Aushadhi) A/C No.	11,15,593.00	-	(ii) Fuel for Genset	18,80,178.00	37,85,036.00
PNB (Ayushman Bharat)	9,94,41,777.00	-	d) Insurance:		
YES Bank (Ayushman Bharat)	9,72,963.00	-	(i) Vehicle Insurance	-	-
Cash in Hand (Jan Aushadhi)	64,921.00	-	e) Repairs and maintenance:		
<b>Total (A)</b>	<b>2,79,15,16,661.00</b>	<b>1,65,60,12,891.11</b>	(i) Computers	-	-
			(ii) Machineries and Equipments	1,29,53,197.00	1,29,47,981.00
			(iii) Other Minor Works (Including R&M on Machinery)	6,20,08,105.00	14,46,05,545.00
			f) Rent, Rates and Taxes:		
			(i) Rent, Rates & taxes	2,96,461.00	12,219.00
			(ii) Lease Rent Accomodation	4,80,88,807.00	3,22,73,472.00
			g) Vehicles Running and Maintenance:		
			(i) Vehicle Hiring Charges	99,80,451.00	1,18,31,133.00
			(ii) Fuel for Vehicles	4,69,846.00	6,50,132.00
			(iii) Maintenance Expenses of Vehicles	1,84,837.00	2,33,367.00
			h) Postage, Telephone and Communication Charges:		
			(i) Postage Charges	1,11,651.00	1,96,668.00
			(ii) Telephone and Internet	33,11,885.00	34,81,451.00
			i) Printing and Stationary	1,30,51,342.00	2,14,63,910.00
			j) Travelling and Conveyance Expenses :		
			(i) Domestic Travelling	80,98,799.00	3,18,54,279.00
			(ii) Foreign Travelling	14,28,739.00	72,44,742.00
			k) Expenses on Fees		
			(i) Bank Charges	6,343.00	67,605.00
			(ii) Bank Charges for LC	5,035.00	-
			l) Subscription Expenses(E-Journals/Journals/Periodicals etc.)	3,92,04,115.00	3,21,34,028.00
			m) Auditors Remuneration	10,23,725.00	-
			n) Hospitality Expenses	27,97,019.00	48,48,115.00
			o) Professional Charges		
			(i) Professional and Special services	90,11,507.00	1,09,32,831.00
			(ii) Honorarium of Examiners (Professionals)	1,40,55,809.00	1,07,50,662.00
			(iii) Quality & Planning	5,27,960.00	6,96,916.00
			p) Advertisement and Publicity	14,34,317.00	25,36,115.00
			q) Others Expenses		
			(i) Intramural Reserch Project Expenses	8,94,939.00	12,84,361.00
			(ii) Student Welfare	18,03,340.00	12,71,202.00
			(iii) Stipend to Nursing Students	39,93,500.00	20,00,500.00
			(iv) Contingent Expenses	93,88,534.00	1,15,65,653.00
<b>(B) Inflows</b>					
<b>INCOME FROM SALES/SERVICE :-</b>					
IPD Receipt, Medical Test	10,39,26,397.00	25,84,33,739.00			
OPD Receipt:					
Receipt against Claim (Ayushman Bharat)	27,45,28,551.00	32,36,83,101.00			
Sale of Medicines (Jan Aushadhi)	33,02,908.00	2,22,25,224.00			
<b>Grant Receipt:-</b>					
GIA - Capital	2,18,75,00,000.00	1,42,17,00,000.00			
GIA - General	3,80,00,00,000.00	1,73,33,00,000.00			
GIA - Salary	2,53,00,00,000.00	2,69,93,00,000.00			
Grant in Aid (Swachhta Action Plan)	2,00,00,000.00	3,00,00,000.00			
Grant Received (Research Cell)	1,40,08,121.00	-			
<b>Fees and Subscription:-</b>					
b) MBBS Student Course Fees	15,57,030.00	4,74,804.00			
c) Nursing Student Course Fees	4,62,000.00	5,65,545.00			
d) DM/MCH/MS/MD/PG/PDCC Student Course Fees	1,16,86,684.00	62,83,677.00			
e) Student Examination Fees(MBBS & Nursing)	19,51,600.00	-			
<b>INCOME FROM INVESTMENTS:-</b>					
Interest on FDR	2,67,50,929.00	8,00,24,994.00			
Interest Earned	7,15,14,932.00	4,53,56,904.00			
<b>Other Income :-</b>					
Rent from Chemist Shop	44,00,000.00	41,23,640.00			
Tender Receipt	3,57,932.00	4,76,000.00			
Recruitment Fees	77,59,211.00	5,12,06,664.00			

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RTI Fees	2,554.00	4,074.00	(v) Laundry Expenses	60,21,701.00	70,54,201.00
Licence Fee & Water Charges	30,92,718.00	23,41,699.00	(vi) Dietary Service of Hospital	1,68,60,835.00	3,87,69,641.00
Other Receipts (incl. penalties for Short Notice Period)	3,70,91,745.00	3,87,40,974.00	(vii) Other Office Expenses	12,66,494.00	2,84,890.00
Electricity charges Recovery	46,82,018.00	16,48,215.00	(viii) Recruitment Cell Expenditure	2,31,86,063.00	70,33,082.00
Rent from Mobile Towers	18,93,455.00	19,57,077.00	(ix) Capacity Building	22,09,825.00	1,35,15,402.00
Administration Charges Recd.	8,38,941.00	-	(x) Jan Aushadhi Expenditure	8,027.00	88,517.00
Guest House Rent	1,97,200.00	6,40,000.00	(xi) Expenses of Workshop/Seminar	85,409.00	9,84,024.00
Rent Received from BSNL	55,200.00	55,200.00	(xii) Stipend to MBBS Interns & PHD	3,44,80,783.00	3,72,95,381.00
Forfeiture of Security Deposits / EMD	17,58,249.00	8,000.00	(xiii) Stipend to M. Sc. Nursing Students	38,85,000.00	44,53,680.00
Donation Received (Ayushman Bharat)	88,166.00	9,97,415.00	(xiv) Medical Education Cell Expenses	1,98,90,149.00	-
Student Security for Hostel (Nursing, MBBS)	4,23,000.00	19,14,000.00	(xv) Patient Welfare Expenses	4,090.00	-
ENT Workshop Rent	1,30,000.00	10,000.00	(xvi) Research Cell Expenses	1,32,79,148.00	-
Parking & Licence Charges Received	27,15,730.00	24,07,604.00	(xv) International Co-operation/Conference Expenses	84,858.00	13,94,307.00
Canteen Licence Fees	8,33,335.00	4,19,356.00	(xvi) Convocation Expenses	69,76,449.00	7,19,745.00
ATM Rent Received	8,20,415.00	1,65,240.00	(xvii) Expenses for Ayushman Bharat	21,96,27,048.00	1,72,63,108.00
Facilitation Charges on Sales of Amrit Pharmacy	13,98,325.00	6,96,213.00	r) Expenses on Swachhata Action Plan	64,02,360.00	11,86,11,077.00
Processing Fee (IRF)	8,26,714.00	40,43,631.00	s) Kayakalp Expenses	20,821.00	-
Nescafe Shop Rent	1,51,500.00	-	f) Capital Expenses	-	-
Bank Charges Recovered	59,484.00	-	(i) Office Equipment	13,23,09,328.00	10,04,87,345.00
Misc. Receipt (Ayushman Bharat)	46,021.00	-	(ii) Furniture & Fixture	3,28,54,856.00	1,59,70,237.00
Misc. Receipt (Patient Welfare)	14,56,457.00	-	(iii) Computer	3,66,15,863.00	3,97,47,389.00
Receipt (Medical Educational Cell)	20,33,604.00	-	(iv) Hospital / Medical Equipment	98,19,91,380.00	1,24,01,70,839.00
PHD Scholarship Received (Research Cell)	1,26,500.00	-	(v) Lab Furniture	-	-
GST/Labour cess Received	22,58,705.00	9,00,487.00	(vi) Library Books	22,47,781.00	1,24,49,953.00
TDS Received	24,82,67,641.00	22,97,87,498.00	(vii) Vehicle Purchases	-	-
GST (TDS) Received	5,02,36,534.00	4,25,83,457.00	(viii) Hospital Furniture	1,62,59,431.00	5,68,08,290.00
LD Charge and Credit Note on supplies/services	44,08,099.00	8,98,639.00	(ix) Capital Work in Progress	20,48,373.00	13,98,67,574.00
NPS Payable Received	22,69,82,956.00	22,32,87,343.00	(x) New Civil Works	2,82,23,363.00	14,58,66,112.00
Loan from Ayushman Bharat	4,39,03,902.00	13,29,42,044.00	(xi) Hospital / Medical Equipment From HLL	16,22,91,167.00	4,62,07,145.00
Contractual salary payable	-	-	u) Other payments	-	-
Received from National Health Mission (Accommodation for Delegates)	-	58,444.00	(i) EPF/GPF/GIS Paid	30,38,654.00	-
Advance Received for Patient Treatment	10,74,550.00	6,71,345.00	(ii) Imprest paid to Staff	3,21,100.00	1,75,000.00
Other Withhelds/Works/Supply	4,52,23,615.00	-	(iii) Sewa THDC transfer	7,62,800.00	3,81,400.00
Security Deposits received under Various Work Packages and Works	87,19,185.00	30,64,326.00	(iv) GST paid	10,90,276.00	1,46,689.00
Creditors of Jan Aushadhi	-	31,51,299.00	(v) GST (TDS) Paid	4,87,04,609.00	3,93,18,831.00
TA/DA Advances	17,85,666.00	8,38,674.00	(vi) Postal Tickets (SPS)	513.00	4,723.00
Other Security Deposit for Supply	17,15,613.00	6,19,230.00	(vii) Stock of Hospital Consumables	9,83,66,037.00	14,11,68,862.00
Committed Liability raised for Hospital Equipment/New Civil Works/WIP	27,75,08,049.00	42,88,84,582.00	(viii) Security Deposit release (Other)	-	1,91,54,156.00
Committed Liability raised for Hospital Consumables/Maintenance/General	34,67,40,845.00	24,04,03,982.00	(ix) NPS Payable Paid	30,96,33,721.00	15,66,89,028.00
Creditors for IRF	-	1,08,42,157.00	(x) Advance to HLL for Hospital Equipment	-	4,74,06,321.00
Current Liability for Research Cell	2,54,31,569.00	1,00,19,328.33	(xi) TDS paid	22,86,28,201.00	23,34,98,691.00
Hospital / Medical Equipment From HLL	16,22,91,167.00	4,62,07,145.00	(xii) Loans to AIIMS Jammu	10,00,000.00	10,01,630.00
Amount Recd. For Research Project	-	9,99,200.00	(xiii) Security Deposit release (Works)	8,02,911.00	10,26,397.00
Sale of Scrap	1,98,600.00	2,02,660.00	(xiv) Contingent Advances	1,71,46,420.00	31,62,478.00
FHS Subscription	2,60,71,943.00	72,78,566.00	(xv) LTC Advance Paid	2,87,684.00	-
LTC Advance Recovered	7,58,115.00	8,81,851.00	(xvi) TA/DA Advances	28,938.00	-
Received from Student Mess for TDS deposit	-	2,58,634.00	(xvii) Claim due as on 31.03.2020 (Ayushman Bharat)	8,24,02,350.00	2,91,64,742.00
Amount Received from Airport Authority of India for LELA- Radiotherapy	1,00,00,000.00	6,00,00,000.00	(xviii) Paid to Creditors	6,40,70,140.00	-
EPF/GPF/GIS Payable Received	42,06,307.00	7,32,584.00	(xix) Advance to CPWD for Works	32,76,00,000.00	41,27,08,516.00
Other Creditors	-	85,486.00	(xx) Debtors of Jan Aushadhi	11,43,121.00	1,26,416.00
Kerala Flood Relief Fund	-	12,85,006.00	(xxi) Advance to Creditors (Ayushman Bharat)	-	10,02,84,253.00
Creditors/Liability Payables	7,85,24,813.00	-	(xxii) Electricity Security	91,80,000.00	21,53,863.00
Interest received on Rolloing fund for HBA & Computer Advances	19,50,786.00	21,19,581.00	(xxiii) Kerala Relief fund release	-	24,98,081.00
Interest Received in Endowment Fund (for poor Patients)	38,61,855.00	17,28,901.00	(xxiv) Airport Authority Amount utilise for LELA Radiotherapy	-	9,00,00,000.00
EMD Received	64,88,660.00	-	(xxv) Release of withheld amount under	4,93,64,172.00	16,15,914.00
Recruitment Cell creditors payable	3,89,076.00	-	(xxvi) Recruitment Cell Advances paid	-	53,761.00
Loan Return from Ayushman Bharat (Recruitment Cell)	-	1,00,00,000.00	(xxvii) Committed Liability Paid	45,70,87,223.00	-
Amount withheld under various Work Packages	63,96,751.00	1,81,29,747.00	(xxviii) Advances to Balmer Lqwrie & Co.	-	7,51,434.00
Amount Received for AIIMS Jammu	6,58,41,943.00	80,65,00,000.00	(xxix) Advance to S&S Engineering	-	-
Profit/Loss for FY 2018-19 (Ayushman Bharat)	-	2,26,09,899.00	(xxx) Paid to Creditors (Jan Aushadhi)	13,90,531.00	-

*[Signature]*

*[Signature]*

Cont....

Profit/Loss for FY 2018-19 (Jan Aushadhi)	-	2,55,883.00	(xxix) Advance loan to Ayushman Bharat from Recruitment Cell	4,00,00,000.00	3,00,00,000.00
Loan from Recruitment Cell (Ayushman Bharat)	4,00,00,000.00	3,00,00,000.00	(xxxix) Loan to AIIMS Main A/c from Ayushman Bharat	4,39,03,902.00	13,29,42,044.00
Amount Received for VRDL Lab	22,50,832.00	-	(xxxixii) TDS Deducted on ATM Rent (Refundable)	-	46,353.00
Creditors of Ayushman Bharat	10,03,87,477.00	3,73,493.00	(xxxixiii) Paid to AIIMS Delhi	-	4,99,500.00
Received from AIIMS Delhi	4,99,500.00	-	(xxxixiv) Paid to Creditors (Recruitment Cell)	-	14,00,733.00
Received from Research Cell	3,74,932.00	-	(xxxixv) Paid to Creditors (Research Cell)	2,67,16,717.00	-
Liability for Patient Welfare A/c	2,41,43,552.00	-	(xxxixvi) Paid to creditors (IRF)	1,67,35,947.00	-
Received from Sewa THDC	11,44,200.00	-	(xxxixvii) Loan return to Recruitment cell (Ayushman Bharat)	7,00,00,000.00	-
Electricity Security deposit 2011-12 through capital fund	91,80,000.00	-	(xxxixviii) Advance loan to AIIMS Jammu from Recruitment Cell	-	1,00,00,000.00
Fund Recd. From SDRF, Uttarakhand	3,23,64,000.00	-	(xl) Loan return to Ayushman Bharat	17,68,45,946.00	-
Guest House Creditors	3,82,254.00	-	(xli) EMD Paid	45,82,040.00	-
Alumni Membership fee collected	15,85,200.00	-	(xlii) CPCH/URAN fund Expenses	11,55,194.00	-
Research Cell/Patient wel./MEC previous year capital fund	4,88,30,436.00	-	(xliii) Alumni Membership fee transfer	13,34,000.00	-
Various funds received IRD/CPCH	26,25,092.00	-	(xliv) Transfer to AIIMS Jammu	87,23,41,943.00	-
Imprest/Contingency Advances	1,65,23,406.00	-	(xlv) Loans & Advances (Research Cell)	50,000.00	-
Advance recovered from Balmer Lawrie	5,61,521.00	-	(xlvi) EHS fund transfer into bank	5,81,055.00	-
Advance recovered from NICS	28,88,829.00	-			
Loan recovered (Recruitment Cell)	7,99,96,596.00	-			
Loan recovered from AIIMS, Jammu	20,01,630.00	-			
Loan recovered from AIIMS Main A/c (Ayushman Bharat)	17,68,45,946.00	-			
Fund in projects (HTA, Sewa THDC, NHM, Medal fund, MRU, NUHM, DTC)	2,30,03,061.00	-			
<b>Total (B)</b>	<b>11,33,72,53,055.00</b>	<b>9,04,18,04,461.33</b>	<b>Total (A)</b>	<b>9,49,05,32,983.00</b>	<b>7,92,64,85,086.00</b>
			<b>(B) Closing Balance</b>		
			PNB (Main) A/c 6189000100021125	2,52,20,78,954.00	1,80,20,58,355.00
			PNB (Recruitment) 6189000100021295	51,988.00	3,22,433.00
			HDFC Bank (FCRA)A/c 50100218515073	17,94,711.00	10,01,914.00
			CELEBI Account	49,620.00	49,620.00
			FDR	58,79,32,717.00	44,20,53,169.00
			Investments in Bonds/ Securities	3,50,00,000.00	3,50,00,000.00
			BOB L/C A/c	45,47,482.00	45,47,500.00
			PNB (Service Tax) 6189000100032361	65,51,05,540.00	3,64,326.00
			PNB (POS) 6189002100000791	2,68,47,329.00	1,06,956.00
			HDFC Bank L/C A/c 50100213887971	2,31,13,240.00	1,92,50,467.00
			HDFC Bank ( POS) 50100213888030	17,23,42,626.00	12,16,07,137.00
			HDFC Bank (IRF) 50100215419202	3,38,93,159.00	4,92,64,246.44
			HDFC Bank (Loans & Advances A/c) 50100230665405	5,61,63,288.00	5,42,12,502.00
			PNB (Research Cell) 6189000100017557	5,03,31,824.00	2,67,67,505.00
			PNB (TDS) 6189000100047372	3,45,45,815.00	3,33,15,183.00
			YES Bank ( POS) 039194600000530	2,67,76,902.00	37,32,230.00
			BOB Endowment Fund A/c	77,976.00	58,380.00
			HDFC (Recruitment)A/c 50100205840472	1,22,24,775.00	7,46,10,180.00
			SBI (Recruitment) A/c no. 36961492287	54,895.00	53,427.00
			PNB (VRDL) A/C 6189000100053124	2,24,35,227.00	-
			PNB (Jan Aush.) A/c 6189002100001064	9,23,288.00	13,61,482.00
			YES Bank (Jan Aush.) 039194600000523	11,282.00	11,15,593.00
			PNB (Ayush. Bharat) 6189000100049714	27,89,79,246.00	9,94,41,777.00
			YES Bank (Ay. Bharat) 039194600000542	7,535.00	9,72,963.00
			Cash in Hand (Jan Aushadhi)	23,269.00	64,921.00
			PNB EHS A/c 6189000100058147	3,13,70,262.00	-
			PNB (Patient Welfare) 6189000100043543	3,36,82,513.00	-
			PNB (HTA) A/c No 6189000100055317	26,88,833.00	-
			PNB (Sewa THDC) 6189000100051481	1,66,752.00	-
			PNB (NHM) A/c 6189000100042535	4,205.00	-
			PNB (NHM) A/c 6189000100042535	5,23,536.00	-
			PNB (MRU) A/c 6189000100055487	1,29,18,541.00	-
			PNB (Conting) A/c 6189000100056334	8,56,401.00	-
			PNB (DTC) A/c 6189000100052259	4,29,483.00	-
			PNB (Guest House) 6189000100031636	3,82,254.00	-
			PNB (NUHM) A/c 6189000100055760	43,31,418.00	-
			PNB (Hosp Receipt) 6189000100054859	36,29,374.00	-
			PNB (RCH NHM) 6189000100052666	1,05,136.00	-
			PNB (Alumni) A/c 6189000100053203	18,35,157.00	-
			<b>Total (B)</b>	<b>4,63,82,36,733.00</b>	<b>2,77,13,32,266.44</b>
<b>Total(A+B)</b>	<b>14,12,87,69,716.00</b>	<b>10,69,78,17,352.44</b>	<b>Total(A+B)</b>	<b>14,12,87,69,716.00</b>	<b>10,69,78,17,352.44</b>

  
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Prof. (Dr.) Ravi Kant  
Director



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
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**BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

	Schedule	Current Year	Previous Year
<b><u>CAPITAL FUND AND LIABILITIES</u></b>			
CAPITAL FUND	1	8,45,78,95,565.00	7,57,70,72,395.57
RESERVES AND SURPLUS	2	3,21,47,81,005.00	1,65,18,82,640.13
EARMARKED/ ENDOWMENT FUNDS	3	5,91,69,762.00	-
SECURED LOANS AND BORROWINGS	4	-	-
UNSECURED LOANS AND BORROWINGS	5	-	13,29,42,044.00
DEFERRED CREDIT LIABILITIES	6	-	-
CURRENT LIABILITIES AND PROVISIONS	7	1,85,12,54,484.00	2,35,75,10,442.00
<b>TOTAL</b>		<b>13,58,31,00,816.00</b>	<b>11,71,94,07,521.70</b>
<b><u>ASSETS</u></b>			
FIXED ASSETS	8	7,39,50,66,173.00	7,40,72,75,896.26
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	9	9,30,00,000.00	-
INVESTMENTS-OTHERS	10	55,17,29,795.00	48,68,93,747.00
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	5,54,33,04,848.00	3,82,52,37,878.44
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted )		-	-
<b>TOTAL</b>		<b>13,58,31,00,816.00</b>	<b>11,71,94,07,521.70</b>
SIGNIFICANT ACCOUNTING POLICIES	24	-	-
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25	1,79,96,77,404.00	1,79,96,77,404.00

  
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**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

	Schedule	Current Year	Previous Year
<b>INCOME</b>			
Income from Sales / Services	12	38,19,56,456.00	60,45,44,724.00
Grants/Subsidies	13	6,36,40,08,121.00	4,46,26,00,000.00
Fees/Subscriptions	14	1,56,57,334.00	73,24,026.00
Income from Investments (Income on Invest. from earmarked/endow. Funds transferred to Funds)	15	4,02,66,300.00	5,24,09,642.00
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	7,15,14,932.00	4,53,56,904.00
Other Income	18	7,54,65,324.00	11,81,18,207.00
Increase/(decrease) in stock of Finished goods and works-in-progress	19	-4,28,02,825.00	10,36,00,033.42
<b>TOTAL (A)</b>		<b>6,90,60,65,642.00</b>	<b>5,39,39,53,536.42</b>
<b>EXPENDITURE</b>			
Establishment Expenses	20	2,61,13,12,564.00	2,64,87,00,048.00
Other Administrative Expenses etc.	21	2,71,95,17,189.00	2,29,18,75,583.00
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net Total at the year-end-corresponding to Schedule 8)	8	1,40,70,51,266.00	1,24,05,54,971.52
<b>TOTAL (B)</b>		<b>6,73,78,81,019.00</b>	<b>6,18,11,30,602.52</b>
<b>Balance being excess of Income over Expenditure (A-B)</b>		<b>16,81,84,623.00</b>	<b>-78,71,77,066.10</b>
Transfer to Special Reserve (Specify each)			
(i) Capital Fund ( Equivalent Amount of Fixed Assets Acquired)		-	-
Transfer to/ from General Reserve		16,81,84,623.00	-78,71,77,066.10
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>-</b>	<b>-</b>
SIGNIFICANT ACCOUNTING POLICIES	24	-	-
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25	1,79,96,77,404.00	1,79,96,77,404.00

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

	Current Year		Previous Year	
<b>SCHEDULE I - CAPITAL FUND:</b>				
Balance as at the beginning of the year	7,57,70,72,395.57	8,45,78,95,565.00	7,39,59,27,367.09	7,57,70,72,395.57
Add:- Transferred from Income & Expenditure Account	-	-	-	-
Add:- GIA (Creation of Capital Asset) received during the year	2,18,75,00,000.00	-	1,42,17,00,000.00	-
Add:- Fund recd. From Chikitsa Nideshalay (SDRF), Uttarakhand	3,23,64,000.00	-	-	-
Add:- Fund recd. From Airport Authority of India	1,00,00,000.00	-	-	-
Add:- Balance transfer from Extramural Research Cell	2,46,27,237.00	-	-	-
Add:- Balance transfer from Patient Welfare A/c	69,24,715.00	-	-	-
Add:- Balance transfer from Medical Education Cell A/c	1,72,78,484.00	-	-	-
Add:- Security Deposited to UPCL	91,80,000.00	-	-	-
Less:- Adjustments				
(i) Depreciation of Current Year Transferred from General Reserve	1,40,70,51,266.00	-	1,24,05,54,971.52	-
<b>BALANCE AT THE YEAR-END</b>		<b>8,45,78,95,565.00</b>		<b>7,57,70,72,395.57</b>

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE 2- RESERVES AND SURPLUS:	Current Year		Previous Year	
<b>1. Capital Reserve:</b>				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
<b>2. Revaluation Reserve:</b>				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
<b>3. Special Reserve:</b>				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year	-	-	-	-
<b>4. Excess of Income Over Expenditure</b>				
As per last Account	-	-	-	-
Addition during the year	-	-	-	-
Less: Deductions during the year:				
(i) Transferred to General Reserve	-	-	-	-
<b>4. General Reserve:</b>		3,21,47,81,005.00		1,65,18,82,640.13
As per last Account	1,65,18,82,640.13		1,17,56,38,952.71	
Addition during the year:				
(i) Surplus Transferred from Income and Expenditure Account of Current year	16,81,84,623.00		-78,71,77,066.10	
(ii) Excess of Income Over Expenditure upto Previous Year transferred				
a) Jan Aushadhi FY 2018-19	-		2,55,883.00	
b) Ayushman Bharat FY 2018-19	-		2,26,09,899.00	
(iv) Depericiation of Current Year transfered to capital Fund	1,40,70,51,266.00		1,24,05,54,971.52	
Less: Deductions during the year:				
(i) Amount transfer to EHS fund	1,23,37,524.00		-	
<b>TOTAL</b>		<b>3,21,47,81,005.00</b>		<b>1,65,18,82,640.13</b>

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COMDT. P. K. MISHRA  
वित्तीय सलाहकार  
Financial Advisor  
एम्स रीशिकेश/AIIMS, Rishikesh



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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE 3-EARMARKED/ENDOWMEN FUNDS	FUND-WISE BREAK UP				TOTALS	
	Fund WW	Fund XX	Fund YY	Fund ZZ	Current Year	Previous Year
<b>a) Opening balance of the funds</b>	5,48,65,422.00				5,48,65,422.00	3,00,00,000.00
<b>b) Additions to the Funds:</b>						
i. Donation/grants					-	-
ii. Income from investments made on account of funds	43,04,340.00	-	-	-	43,04,340.00	-
iii. Other additions (specify nature)						
Donation received from Airport Authority of India for LELA-Radiotherapy against 10 Crore						6,00,00,000.00
<b>TOTAL (a+b)</b>	<b>5,91,69,762.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,91,69,762.00</b>	<b>9,00,00,000.00</b>
<b>c) Utilisation/Expenditure towards objectives of funds</b>						
<b>i. Capital Expenditure</b>						
Fixed Assets	-	-	-	-	-	9,00,00,000.00
Others	-	-	-	-	-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>ii. Revenue Expenditure</b>						
Salaries, Wages and allowances etc.	-	-	-	-	-	-
Rent	-	-	-	-	-	-
Other Administrative expenses	-	-	-	-	-	-
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL (c)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,00,00,000.00</b>
<b>NET BALANCE AS AT THE YEAR-END (a+b-c)</b>	<b>5,91,69,762.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,91,69,762.00</b>	<b>-</b>
Notes						
1) Disclosures shall be made under relevant heads based on conditions attaching to the grants.						
2) Plan Funds received from the Central/State Governments are to be shown as separate Funds and not to be mixed up with any other Funds						

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE 4 – SECURED LOANS AND BORROWINGS:	Current Year		Previous Year	
1. Central Government	-	-	-	-
2. State Government (Specify)	-	-	-	-
3. Financial Institutions:				
a) Term Loans	-	-	-	-
b) Interest accrued and due	-	-	-	-
4. Banks:				
a) Term Loans				
Interest accrued and due	-	-	-	-
b) Other Loans (specify)				
Interest accrued and due	-	-	-	-
5. Other Institutions and Agencies	-	-	-	-
6. Debentures and Bonds	-	-	-	-
7. Others (Specify)	-	-	-	-
<b>Total</b>	-	-	-	-

**Note: Amounts due within one year**

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

<u>SCHEDULES 5- UNSECURED LOANS AND BORROWINGS</u>	Current Year	Previous Year
1. Central Government	-	-
2. State Government (Specify)	-	-
3. Financial Institutions	-	-
4. Banks:		
a) Term Loans	-	-
b) Other Loans (specify)	-	-
5. Other Institutions and Agencies	-	-
6. Debentures and Bonds	-	-
7. Fixed Deposits	-	-
8. Others (Specify)	-	-
a) Loan from Ayushman Bharat A/c	-	13,29,42,044.00
<b>TOTAL</b>	-	<b>13,29,42,044.00</b>
<b>Note: Amounts due within one year</b>		

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE 6- DEFERRED CREDIT LIABILITIES:	Current Year	Previous Year
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-
b) Others	-	-
<b>TOTAL</b>	-	-
<b>Note: Amounts due within one year</b>		

  
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SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021

	(Amount-₹s.)	
	Current Year	Previous Year
<b>SCHEDULE 7- CURRENT LIABILITIES AND PROVISIONS</b>		
<b>A. CURRENT LIABILITIES</b>		
1. Acceptances	-	-
2. Sundry Creditors:		
a) For Goods	-	-
b) Others	-	-
3. Advances Received		
4. Interest accrued but not due on:		
a) Secured Loans/borrowings	-	-
b) Unsecured Loans/borrowings	-	-
5. Statutory Liabilities:		
a) Overdue	-	-
b) Others:		
(i) Labour Cess Payable	22,003.00	-
(ii) TDS(I.T.) Payable	2,41,50,371.00	44,63,211.00
(iii) EPF Payable including deputation staff	1,89,070.00	2,23,733.00
(iv) GST Payable	20,98,879.00	9,79,641.00
(v) TDS (GST) Payable	80,14,368.00	60,39,294.00
(vi) TDS (GST) Payable (Ayushman Bharat)	47,654.00	4,48,078.00
(vii) TDS (IT) Payable (Ayushman Bharat)	-	47,720.00
6. Other current Liabilities		
a) NPS Payable	2,60,71,432.00	10,87,22,197.00
b) Withheld Amount under various Work Packages	5,46,64,397.00	6,16,64,397.00
c) Other Withhelds Works/ Supply	1,53,48,828.00	1,60,92,633.00
d) Security Deposite under Various Work Packages	2,66,53,222.00	1,87,36,948.00
e) Other Security Deposite Works/ Supply	1,31,54,422.00	1,14,38,809.00
f) Security for Hostel (Nursing Student)	6,98,000.00	5,88,000.00
g) Security for Hostel (MBBS Students)	10,71,000.00	9,22,000.00
h) Security for Hostel (MS/MD/PG/DM/M.CH/PDCC Students)	48,68,000.00	47,04,000.00
i) Amount Received for Patients Treatment	14,85,895.00	6,71,345.00
j) Amount Forfeited Pkg-I and Others (Pending for Settlement)	5,41,59,568.00	5,24,01,319.00
k) Performance Guarantee Amount Received	13,100.00	13,100.00
l) Committed Liability for Hospital Equipment/New Civil Work/WIP	45,97,09,390.00	42,88,84,582.00
m) Creditors for IRF	2,18,18,354.00	3,85,54,301.00
n) Creditors/Liability for Research Cell	2,52,89,106.00	2,67,67,505.00
o) Other Creditors	1,03,630.00	20,88,271.00
p) GPF/GIS payable on Deputation staff	15,89,443.00	-
q) Receipts from NHM for IGNOU Bridgestudent Course	5,68,938.00	5,68,938.00
r) Committed Liability for Hospital Consumables/Maintenance/General	33,97,79,678.00	21,04,03,982.00
s) Other Current Liability	1,84,13,918.00	2,23,989.00
t) Received from National Health Mission (Accommodation for Delegates)	58,444.00	58,444.00
u) Amount Received for Research Project	9,99,200.00	9,99,200.00
v) Amount Received for AIIMS Jammu	-	80,65,00,000.00
w) Amount Received for Establishment of VRDL Lab	2,24,35,227.00	2,01,84,395.00
x) Creditors of Jan Aushadhi	17,60,768.00	31,51,299.00
y) Loan from Recruitment Cell (Ayushman Bharat)	-	3,00,00,000.00
z) Creditors of Ayushman Bharat	4,76,717.00	3,73,493.00
aa) Salary payable	17,56,75,771.00	-
ab) EHS on Deputation Payable	2,35,300.00	-
ac) Fund recd. from Uttarakh. State Blood Transfusion council & Biochemistry	1,71,223.00	-
ad) Fund recd. from Ministry of Ayush	4,153.00	-
ae) Liability for Patient Welfare A/c	2,41,43,552.00	-
af) EMD recd. against various works	19,06,620.00	-
ag) Alumni fee payable	2,51,200.00	-
ah) Payable to HLL	8,05,32,268.00	-
ai) Fund in various projects (HTA, Sewa THDC, NHM, Medal fund, MRU, NUHM, DTC, RCH Flexi NHM, Alumni)	2,30,03,061.00	-
aj) Guest House Creditors	3,82,254.00	-
ak) Electricity bill payable	69,61,167.00	-
<b>TOTAL (A)</b>	<b>1,44,89,79,591.00</b>	<b>1,85,69,14,824.00</b>
<b>B. PROVISIONS</b>		
1. For Taxation	-	-
2. Gratuity	14,90,11,365.00	10,85,04,391.00
3. Superannuation/Pension	-	-
4. Accumulated Leave Encashment	15,93,32,102.00	8,78,66,812.00
5. Trade Warranties/Claims	-	-
6. Others		
a) Salary payable	-	19,45,84,338.00
b) Provision of Rolloing fund for HBA & Computer Advances	5,61,03,014.00	5,41,52,228.00
c) Provision of Rolloing fund for Endowment Fund (for Poor Patients)	-	5,48,65,422.00
d) GPF/GIS payable on Deputation staff	-	6,22,427.00
e) Medical Facility Subscription (FHS)	3,78,28,412.00	-
<b>TOTAL (B)</b>	<b>40,22,74,893.00</b>	<b>50,05,95,618.00</b>
<b>TOTAL (A+B)</b>	<b>1,85,12,54,484.00</b>	<b>2,35,75,10,442.00</b>

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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
RISHIKESH, UTTARAKHAND 249203**

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

**SCHEDULE 8 - FIXED ASSETS  
(A) Fixed Assets (Own Purchased)**

Fixed Assets	Rate %	Gross Block				Depreciation			Net Block	
		Opening Balance	Addition		Total Gross Block	Opening Balance	Addition During the Year	Total Depreciation	Current Year	Previous Year
			Before Sep.	After Sep.						
FURNITURE & FIXTURE	10.00%	18,90,91,252.00	2,04,27,056.00	1,24,27,800.00	22,19,46,108.00	5,29,55,818.83	1,62,77,638.92	6,92,33,457.75	15,27,12,650.25	13,61,35,433.17
OFFICE EQUIPMENTS	15.00%	34,63,46,101.00	8,36,34,177.00	4,86,75,151.00	47,86,55,429.00	9,51,53,310.71	5,38,74,681.42	14,90,27,992.13	32,96,27,436.87	25,11,92,790.29
COMPUTERS	40.00%	17,20,42,325.50	1,59,40,567.00	2,06,75,296.00	20,86,58,188.50	10,73,01,882.74	3,64,07,463.10	14,37,09,345.84	6,40,48,342.66	6,47,40,442.76
HOSPITAL / MEDICAL EQUI	40.00%	3,47,00,28,279.53	40,17,58,136.00	58,92,33,245.00	4,45,20,19,669.53	1,80,85,54,408.49	94,11,79,451.82	2,75,01,33,860.31	1,70,18,85,800.22	1,66,16,73,871.04
HOSPITAL FURNITURE	10.00%	23,05,49,334.00	7,17,588.00	1,55,41,843.00	24,68,08,765.00	4,54,78,295.59	1,93,55,954.79	6,48,34,250.38	18,19,74,514.62	18,50,71,038.41
LAB FURNITURE	10.00%	51,46,955.00	-	-	51,46,955.00	25,62,923.04	2,58,403.20	28,21,326.24	23,25,628.76	25,84,031.96
LIBRARY BOOKS	40.00%	2,22,08,385.00	1,82,1181.00	4,15,600.00	2,44,36,366.00	1,09,54,021.96	33,17,817.62	1,62,71,839.57	81,84,526.43	1,12,54,563.04
INSTITUTE VEHICLES	15.00%	64,26,202.00	-	-	64,26,202.00	33,32,028.66	4,64,126.00	37,96,154.66	26,30,047.34	30,94,173.34
NEW CIVIL WORK	10.00%	17,25,93,681.00	1,95,85,500.00	86,37,863.00	20,08,17,044.00	1,23,75,711.76	1,84,12,240.07	3,07,87,951.83	17,00,29,692.17	16,02,17,969.24
CAPITAL WORK IN PROGRESS (OPENING BALANCE PREVIOUS YEAR)	Nil	4,48,68,69,377.00	-	20,48,373.00	4,48,89,17,750.00	-	-	-	4,48,89,17,750.00	4,48,68,69,377.00
<b>Total</b>		<b>9,19,13,02,892.03</b>	<b>54,38,05,205.00</b>	<b>88,86,65,171.00</b>	<b>10,23,38,52,468.03</b>	<b>2,13,30,68,401.79</b>	<b>1,89,15,47,776.93</b>	<b>3,23,06,16,178.72</b>	<b>7,10,22,36,289.31</b>	<b>6,96,22,33,098.24</b>

**(B) Fixed Asset (Purchase through H.L.)**

Fixed Assets	Rate %	Gross Block				Depreciation			Net Block	
		Opening Balance	Addition		Total Gross Block	Opening Balance	Addition During the Year	Total Depreciation	Current Year	Previous Year
			Before Sep.	After Sep.						
HOSPITAL / MEDICAL EQUI	40.00%	1,42,11,93,465.65	4,35,39,158.00	11,87,52,009.00	1,58,36,84,632.65	97,63,51,259.63	31,55,03,490.35	1,29,18,54,749.98	29,18,29,882.67	68,58,43,563.37
<b>Total</b>		<b>1,42,11,93,465.65</b>	<b>4,35,39,158.00</b>	<b>11,87,52,009.00</b>	<b>1,58,36,84,632.65</b>	<b>97,63,51,259.63</b>	<b>31,55,03,490.35</b>	<b>1,29,18,54,749.98</b>	<b>29,18,29,882.67</b>	<b>68,58,43,563.37</b>
<b>Grand Total (A)+(B)</b>		<b>10,52,26,96,567.68</b>	<b>58,74,34,363.00</b>	<b>89,74,87,180.00</b>	<b>11,91,75,37,100.68</b>	<b>3,11,54,19,661.42</b>	<b>1,48,78,51,266.00</b>	<b>4,52,24,70,928.70</b>	<b>7,39,58,66,173.00</b>	<b>7,64,80,77,253.61</b>

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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

	Current Year	Previous Year
<b><u>SCHEDULE 9-INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS</u></b>		
1. In Government Securities	-	-
2. Other approved Securities	-	-
3. Shares	-	-
4. Debentures and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Others		
FDR's (Sweep-in) in Bank of Baroda	9,30,00,000.00	-
<b><u>TOTAL</u></b>	9,30,00,000.00	-

  
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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

	Current Year	Previous Year
<b>SCHEDULE 10- INVESTMENTS OTHERS</b>		
1. In Government Securities	-	-
2. Other approved Securities		
a) UTI Long Term Equity Fund Growth	52,50,000.00	52,50,000.00
3. Shares	-	-
4. Debentures and Bonds		
a) RBI 8% Savings Taxable Gold Bonds 2003	2,97,50,000.00	2,97,50,000.00
5. Subsidiaries and Joint Ventures	-	-
6. Others :		
a) FDR in HDFC Bank	7,82,49,312.00	7,27,14,251.00
b) FDR in Punjab National Bank	31,17,29,405.00	29,47,59,918.00
c) Accrued Interest (PNB FDR)	1,91,73,407.00	49,81,496.00
d) Accrued Interest (HDFC FDR)	21,36,037.00	48,59,082.00
e) SBI Swipe FDR (Recruitment Cell)	6,09,000.00	6,09,000.00
f) BOB Sweep FDR (Endowment A/c)	-	6,57,40,000.00
g) PNB Sweep FDR (Recruitment Cell)	9,05,15,000.00	5,50,000.00
h) PNB Sweep FDR (POS swipe A/c)	1,38,30,000.00	76,80,000.00
i) Accrued Interest (Recruitment Cell)	45,149.00	-
j) Accrued Interest BOB Sweep-in FDR	4,42,485.00	-
<b>TOTAL</b>	<b>55,17,29,795.00</b>	<b>48,68,93,747.00</b>

  
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SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>st</sup> MARCH, 2021

(Amount-Rs.)

SCHEDULE 11- CURRENT ASSETS, LOANS, ADVANCES ETC.	Current Year		Previous Year	
<b>A. CURRENT ASSETS:</b>				
1. Inventories:		9,83,66,550.00		14,11,73,585.00
a) Stores and Spares:				
i) Postal and service Stamps	513.00		4,723.00	
ii) Consumables Material Stores & Supplies, Medicines	9,83,66,037.00		14,11,68,862.00	
b) Loose Tools	-		-	
c) Stock-in-trade:				
Finished Goods	-		-	
Work-in-progress	-		-	
Raw Materials	-		-	
2. Sundry Debtors:				
a) Debts Outstanding for a period exceeding six months	-		-	
b) Others	-		-	
3. Cash balances in hand (Jan Aushadhi)	23,269.00	23,269.00	64,921.00	64,921.00
4. Bank Balances:		4,01,52,80,747.00		2,31,43,98,571.44
a) With Scheduled Banks:				
a) PNB (Main A/c) A/c No.6189000100021125	2,52,20,78,934.00		1,80,20,58,355.00	
b) Bank of Baroda LC A/c No.48410200000022	45,47,482.00		45,47,500.00	
c) PNB (Recruitment) A/c No.6189000100021295	51,988.00		3,22,433.00	
d) PNB-EHS A/c No.6189000100058147	3,13,70,262.00		-	
e) CELBI A/c for Equipment Purchased	49,620.00		49,620.00	
f) HDFC Bank (FCRA) A/c No.50100218515073	17,94,711.00		10,01,914.00	
g) PNB (Service Tax) A/c No.6189000100032361	65,51,05,540.00		3,64,326.00	
h) PNB (POS) A/c No.6189002100000791	2,68,47,529.00		1,06,956.00	
i) HDFC Bank LC A/c No.50100213887971	2,31,13,240.00		1,92,50,467.00	
j) HDFC Bank ( POS) A/c No.50100213888030	17,23,42,626.00		12,16,07,137.00	
k) HDFC Bank (IRF) A/c No.50100215419202	3,38,93,159.00		4,92,64,246.44	
l) HDFC Bank (Loans & Advances) A/c No.50100230665406	5,61,63,288.00		5,42,12,502.00	
m) PNB ( Research Cell) A/c No.6189000100017557	5,03,31,824.00		2,67,67,505.00	
n) PNB (IDS) A/c No.6189000100047372	3,45,45,815.00		3,33,15,183.00	
o) YES Bank ( POS) A/c No.039194600000530	2,67,76,902.00		37,32,230.00	
p) HDFC (Recruitment) A/c No.50100205840472	1,22,24,775.00		7,46,10,180.00	
q) SBI (Recruitment A/c) A/c No.36961492287	54,895.00		53,427.00	
r) Bank of Baroda Endowment Fund A/c No.48410100003328	77,976.00		58,380.00	
s) PNB (VRDI) A/c No.6189000100053124	2,24,35,227.00		2,01,84,395.00	
t) PNB (Jan Aushadhi) A/c No.6189002100001064	9,23,288.00		13,61,482.00	
u) YES Bank (Jan Aushadhi) A/c No.039194600000523	11,282.00		11,15,593.00	
v) PNB (Ayushman Bharat) A/c No.6189000100049714	27,89,79,246.00		9,94,41,777.00	
w) YES Bank (Ayushman Bharat) A/c No.039194600000542	7,535.00		9,72,963.00	
x) PNB (Patient Welfare) A/c No.6189000100043543	3,36,82,513.00		-	
y) PNB (HTA) Project-A/c No.6189000100055317	26,88,833.00		-	
z) PNB (SEWA THDC) A/c No.6189000100051481	1,66,752.00		-	
aa) PNB (NHM Uttarakhand) Project-A/c No.6189000100042535	4,205.00		-	
ab) PNB (Medal Fund) A/c No.6189000100053966	5,23,536.00		-	
ac) PNB (MRU) Project-A/c No.6189000100055487	1,29,18,541.00		-	
ad) PNB (Contingency) A/c No.6189000100056334	8,56,401.00		-	
ae) PNB (DTC) Project-A/c No.6189000100052259	4,29,483.00		-	
af) PNB (Guest House) A/c No.6189000100031636	3,82,254.00		-	
ag) PNB (NUHM) Project-A/c No.6189000100055760	43,31,418.00		-	
ah) PNB (Hospital Receipt) A/c No.6189000100054859	36,29,374.00		-	
ai) PNB (RCH Flexi Pool NHM) Project-A/c No.6189000100052666	1,05,136.00		-	
aj) PNB (Alumni) A/c No.6189000100053203	18,35,157.00		-	
b) With non-Scheduled Banks:				
On Current Accounts	-		-	
On Deposit Accounts	-		-	
On Savings Accounts	-		-	
5. Post Office- Savings Accounts	-		-	
<b>TOTAL (A)</b>		<b>4,11,36,70,566.00</b>		<b>2,45,56,37,077.44</b>

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**SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE II- CURRENT ASSETS, LOANS, ADVANCES ETC. (Contd.)	Current Year		Previous Year	
<b>B. LOANS, ADVANCES AND OTHER ASSETS</b>				
1. Loans:				
a) Staff	-		-	
b) Other Entities engaged in activities/objectives similar to that of the Entity	-		-	
c) Other (specify)	-		-	
2. Advances and other amounts recoverable in cash or in kind or for value to be received:		1,31,80,67,190.00		1,34,04,36,059.00
a) On Capital Account	-		-	
b) Prepayments				
(i) Advance to JMC (I) Ltd. against RA Bill	-		-	
(ii) Advance to HLL for supply of Hospital Equipment	-		8,17,58,899.00	
(iii) Advance to CPWD (Deposit Work)	1,24,56,86,656.00		91,80,86,656.00	
(iv) Secured Advances given Contractor's of various Work Packages	2,52,95,992.00		2,52,95,992.00	
(v) Amount Recoverable from JMC Projects (I) Ltd. Under Pkg- II & IV	53,26,164.00		53,26,164.00	
(vi) Accrued Interest on Amount Recoverable from JMC Projects (I) Ltd. Under Pkg- II & IV	4,85,259.00		4,85,259.00	
c) Others				
(i) Imprest with Faculty/Staff	19,75,361.00		17,72,044.00	
(ii) Contingent Advances	1,65,08,858.00		1,57,68,061.00	
(iii) L.T.C Advances to Staff	5,19,533.00		9,89,964.00	
(iv) GAS Security	28,550.00		28,550.00	
(v) Security with NDLC (FDR)	2,000.00		2,000.00	
(vi) TA/DA Advances	3,39,273.00		20,96,001.00	
(vii) Loan to AIIMS Jammu	-		10,01,630.00	
(viii) Electricity Security	1,51,55,871.00		39,74,515.00	
(ix) Imprest for Bone Bank	4,50,000.00		4,50,000.00	
(x) Recruitment Cell Advances	2,04,735.00		15,96,141.00	
(xi) Advances to Balmer Lowrie & Co.	12,44,694.00		18,06,215.00	
(xii) Advance to S&S Engineering	8,38,072.00		8,38,072.00	
(xiii) Advance to NICS (SAP)	8,36,981.00		37,25,810.00	
(xiv) TDS Deducted on ATM Rent and Recruitment Cell (Refundable)	58,953.00		58,953.00	
(xv) Other Advances	50,000.00		8,03,190.00	
(xvi) Deposit against appeal with Uttarakhand Trade Tax Department	5,00,000.00		5,00,000.00	
(xvii) Loan to Ayushman Bharat Scheme through Recruitment Cell	-		3,00,00,000.00	
(xviii) Loan to AIIMS Jammu through Recruitment Cell	-		1,00,00,000.00	
(xix) Amount Received from various parties for Patients Treatment Recoverable	-		2,60,000.00	
(xx) VAT Receivable	3,915.00		3,915.00	
xxi) Sewa THDC	-		3,81,400.00	
xxii) Debtors of Jan Aushadhi	12,69,537.00		1,26,416.00	
xxiii) GST Input/Output and GST TDS @2% (Jan Aushadhi)	89,452.00		73,915.00	
xxiv) Advance to Creditors (Ayushman Bharat)	-		10,02,84,253.00	
xxv) Loans to AIIMS Rishikesh (Ayushman Bharat)	-		13,29,42,044.00	
xxvi) Advance to Sriram Institute of Industrial Research	1,41,600.00		-	
xxvii) Loans & Advances (Research Cell)	50,000.00		-	
xxviii) Advance to Creditors (Recruitment Cell)	10,05,734.00		-	
3. Income Accrued:				
a) On Investments from Earmarked/Endowment Funds	-		-	
b) On Investments-Others	-		-	
c) On Loans and Advances	-		-	
d) Others (includes income due unrealized-Rs.....)	-		-	
4. Claims Receivable as on 31.03.2021 (Ayushman Bharat)		11,15,67,092.00		2,91,64,742.00
<b>TOTAL (B)</b>		<b>1,42,96,34,282.00</b>		<b>1,36,96,00,801.00</b>
<b>TOTAL (A+B)</b>		<b>5,54,33,04,848.00</b>		<b>3,82,52,37,878.44</b>

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SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021  
(Amount-Rs.)

SCHEDULE 12-INCOME FROM SALES/SERVICES	Current Year	Previous Year
<b>1) Income from sales</b>		
a) Sale of Medicines/Disposables (Jan Aushadhi)	33,02,908.00	2,22,25,224.00
b) Sale of Raw Material	-	-
c) Sale of Scraps	1,98,600.00	2,02,660.00
<b>2) Income from Services</b>		
a) Labour and Processing Charges	-	-
b) Professional/Consultancy Service:		
(i) IPD Receipt, OPD Receipts, Medical Tests Receipts	10,39,26,397.00	25,84,33,739.00
(ii) Claim received against Patient Treatment (Ayushman Bharat)	27,45,28,551.00	32,36,83,101.00
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment/Property)	-	-
e) Others (Specify)	-	-
<b>TOTAL</b>	<b>38,19,56,456.00</b>	<b>60,45,44,724.00</b>

  
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SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021

	(Amount-Rs.)	
	Current Year	Previous Year
<b>SCHEDULE 13- GRANTS/SUBSIDIES</b>		
(Irrevocable Grants & Subsidies Received)		
1) Central Government:		
a) Grant in Aid (General)	3,80,00,00,000.00	1,73,33,00,000.00
b) Grant in Aid (Salary)	2,53,00,00,000.00	2,69,93,00,000.00
c) Grant in Aid (Swachhta Action Plan)	2,00,00,000.00	3,00,00,000.00
2) State Government(s)	-	-
3) Government Agencies	-	-
4) Institutions/Welfare Bodies	-	-
5) International Organisations	-	-
6) Others (Specify)	-	-
a) Grants Received in Research Cell (Extramural)	1,40,08,121.00	-
<b>TOTAL</b>	<b>6,36,40,08,121.00</b>	<b>4,46,26,00,000.00</b>

  
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SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021

(Amount-Rs.)

SCHEDULE 14- FEES/SUBSCRIPTIONS	Current Year	Previous Year
1) Entrance Fees	-	-
2) Annual Fees/Subscriptions:		
a) MBBS Student Course Fees	15,57,050.00	4,74,804.00
b) Nursing Student Course Fees	4,62,000.00	5,65,545.00
c) DM/MCH/MS/MD/PG/PDCC Student & Diploma Course Fees	1,16,86,684.00	62,83,677.00
d) Student Examination Fees (MBBS & Nursing)	19,51,600.00	-
3) Seminar/Program Fees	-	-
4) Consultancy Fees	-	-
5) Others	-	-
<b>TOTAL</b>	<b>1,56,57,334.00</b>	<b>73,24,026.00</b>

  
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**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021**

(Amount-Rs.)

SCHEDULE 15- INCOME FROM INVESTMENTS (Income on Invest. from Earmarked/Endowment Funds transferred to Funds)	Investment from Earmark Fund		Investment- Others	
	Current Year	Previous Year	Current Year	Previous Year
1) Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
c) Bank FDR	-	-	-	-
i) Bank of Baroda LC A/c FDR	-	-	-	36,08,699.00
ii) Interest on Punjab National Bank FDR	-	-	1,24,68,261.00	2,07,56,736.00
iii) Interest on HDFC Bank FDR	-	-	44,42,090.00	1,82,03,629.00
iv) Accrued Interest on PNB FDR	-	-	1,91,73,407.00	49,81,496.00
v) Accrued Interest on HDFC Bank FDR	-	-	21,36,037.00	48,59,082.00
vi) Accrued Interest on Security Deposit to UPCL	-	-	20,01,356.00	-
viii) Accrued Interest on PNB FDR (Recruitment Cell)	-	-	45,149.00	-
2) Dividends:				
a) On Shares	-	-	-	-
b) On Mutual Fund Securities	-	-	-	-
3) Rents	-	-	-	-
4) Others (Specify)	-	-	-	-
<b>TOTAL</b>	-	-	<b>4,02,66,300.00</b>	<b>5,24,09,642.00</b>
<b>TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS</b>				

  
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(Amount-Rs.)

SCHEDULE 16- INCOME FROM ROYALTY, PUBLICATION ETC.	Current Year	Previous Year
1) Income from Royalty	-	-
2) Income from Publications	-	-
3) Others		
<b>TOTAL</b>	-	-

  
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(Amount-Rs.)

SCHEDULE 17- INTEREST EARNED	Current Year	Previous Year
1) On Term Deposits:		
a) With Scheduled Banks:		
(i) Bank Interest	-	4,53,56,904.00
b) With Non-Scheduled Banks	-	-
c) With Institutions	-	-
2) On Savings Accounts:		
a) With Scheduled Banks	7,15,14,932.00	-
b) With Non-Scheduled Banks	-	-
c) With Institutions	-	-
d) Others	-	-
3) On Loans:		
a) Employees/Staff	-	-
b) Others:	-	-
4) Interest on Debtors and Other Receivables	-	-
<b>TOTAL</b>	<b>7,15,14,932.00</b>	<b>4,53,56,904.00</b>

  
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(Amount-Rs.)

<b>SCHEDULE 18- OTHER INCOME</b>	Current Year	Previous Year
1) Profit on Sale/disposal of Assets:		
a) Owned assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
2) Export Incentives realized	-	-
3) Fees for Miscellaneous Services:		
a) Tender Application Fees	3,57,932.00	4,76,000.00
b) RTI Application Fees	2,554.00	4,074.00
c) Recruitment Application Fees	77,59,211.00	5,12,06,664.00
4) Miscellaneous Income		
a) Electricity Charges Recovery	46,82,018.00	16,48,215.00
b) Licence & Water Charges Recovery	30,92,718.00	23,41,699.00
c) Rent from Mobile Towers	18,93,455.00	19,57,077.00
d) Guest House Rent	1,97,200.00	6,40,000.00
e) Rent From Medical Shop	44,00,000.00	41,23,640.00
f) Other Receipts (Incl. Penalties for Short Notice Period)	3,70,91,745.00	3,87,40,974.00
g) Rent Received from BSNL	55,200.00	55,200.00
h) Forfeiture of Security Deposits / EMD	-	8,000.00
i) ENT Workshop Rent	1,30,000.00	10,000.00
j) Medical Facility Subscription (EHS)	-	72,78,566.00
k) Parking & Licence Charges Received	27,15,730.00	24,07,604.00
l) Canteen Licence Fee	8,33,335.00	4,19,356.00
m) ATM Rent Received	8,20,415.00	1,65,240.00
n) Facilitation Charges on Sales of Amrit Pharmacy	13,98,325.00	6,96,213.00
o) Processing Fee (IRF)	8,26,714.00	40,43,631.00
p) LD Charges and Credit Note from supplies/services	44,08,099.00	8,98,639.00
q) Donation Received	88,166.00	9,97,415.00
r) Nescafe Shop Rent	1,51,500.00	-
s) Bank Charges Recovered	59,484.00	-
t) Misc. Receipt (Ayushman Bharat)	46,021.00	-
u) Misc. Receipt (Patient Welfare)	14,56,457.00	-
v) Misc. Receipt (Medical Educational Cell)	20,33,604.00	-
w) PHD Scholarship Received (Research Cell)	1,26,500.00	-
x) Administration Charges Received	8,38,941.00	-
<b>TOTAL</b>	<b>7,54,65,324.00</b>	<b>11,81,18,207.00</b>

  
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(Amount-Rs.)

	Current Year	Previous Year
<b>SCHEDULE 19- INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS &amp; WORK IN PROGRESS</b>		
a) Closing stock		
Finished Goods	9,83,66,037.00	14,11,68,862.00
Work-in-progress	-	-
b) Less: Opening Stock		
Finished Goods	14,11,68,862.00	3,75,68,828.58
Work-in-progress	-	-
<b>NET INCREASE/(DECREASE) [a-b]</b>	<b>-4,28,02,825.00</b>	<b>10,36,00,033.42</b>

  
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(Amount-Rs.)

<b>SCHEDULE -20 ESTABLISHMENT EXPENSES</b>	<b>Current Year</b>	<b>Previous Year</b>
a) Salaries and Wages:		
(i) Salary	2,27,38,86,249.00	2,15,11,67,831.00
(ii) Remuneration	-	-
(iii) Outsourced Manpower Expenses	-	22,71,63,434.00
b) Allowances and Bonus:		
(i) Children Education Allowance	35,70,702.00	31,01,529.00
c) Contribution to Provident Fund	-	-
d) Contribution to Other Fund :		
(i) Pension and Leave Salary Contribution ( Deputation Employees)	6,53,867.00	7,65,336.00
(ii) National Pension System & Others Contribution (Employer's Contribution)	11,32,62,400.00	11,63,65,984.00
(iii) EPF Contribution	1,88,792.00	2,47,685.00
e) Staff Welfare Expenses:		
(i) Medical Reimbursement	9,69,853.00	21,98,915.00
f) Expenses on Employees Retirement and Terminal Benefits		
(i) Provision for Gratuity	4,05,06,974.00	4,22,19,481.00
(ii) Provision for Leave Encashment	7,14,65,290.00	1,78,83,702.00
g) Others		
(i) Leave Travel Concession	83,41,113.00	52,53,201.00
(ii) Travelling Allowance paid on Transfer	-	16,97,057.00
(iii) HBA, Loans & Computer Advances	-	-
(iv) Learning Resources Allowance	2,79,82,034.00	2,62,64,136.00
(v) Lease Rent for Accomodation	7,00,57,348.00	5,24,10,132.00
(vi) Leave Salary Paid	4,27,942.00	19,61,625.00
<b>TOTAL</b>	<b>2,61,13,12,564.00</b>	<b>2,64,87,00,048.00</b>

  
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SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2021

(Amount-Rs.)

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.	Current Year	Previous Year
a) Purchases:		
(i) Consumables Material Stores & Supplies	97,53,47,144.00	1,07,07,73,006.00
(ii) Purchase of Medicines & Disposables (Jan Aushadhi)	22,08,727.00	2,28,38,801.00
b) Labour and processing expenses:		
(i) Wages to labours	-	-
(ii) Hiring of Manpower (Outsource manpower, House keeping & Security, Hospital support services)	1,01,43,50,690.00	48,02,49,395.00
c) Cartage and Carriage Inwards	-	-
d) Electricity and power:		
(i) Electricity Charges	12,73,06,404.00	12,18,70,524.00
(ii) Fuel for Genset	18,80,178.00	37,85,036.00
e) Water charges	-	-
f) Insurance:		
(i) Vehicle Insurance	-	-
g) Repairs and maintenance:		
(i) Computers	-	-
(ii) Machineries and Equipments	1,29,53,197.00	1,29,47,981.00
(iii) Other Minor Works (Including R&M of Building)	6,20,08,105.00	14,46,05,545.00
h) Excise Duty	-	-
i) Rent, Rates and Taxes: (Including Lease Rent Accomodation)		
(i) Rent, Rates and Taxes	2,96,461.00	12,219.00
(ii) Lease Rent Accomodation	4,80,88,807.00	3,22,73,472.00
j) Vehicles Running and Maintenance:		
(i) Vehicle Hiring Charges	99,80,451.00	1,18,31,133.00
(ii) Fuel for Vehicles	4,69,846.00	6,50,132.00
(iii) Maintenance Expenses	1,84,837.00	2,33,367.00
k) Postage, Telephone and Communication Charges:		
(i) Postage Charges	1,16,374.00	2,05,547.00
(ii) Telephone and Internet	33,11,885.00	34,81,451.00
l) Printing and Stationary	1,30,51,342.00	2,14,63,910.00
m) Travelling and Conveyance Expenses :		
(i) Domestic Travelling (Incl. TTA)	80,98,799.00	3,18,54,279.00
(ii) Foreign Travelling	14,28,739.00	72,44,742.00
n) Expenses on Seminar/Workshops	85,409.00	9,84,024.00
o) Subscription Expenses(E-Journals/Journals/Periodicals etc.)	3,92,04,115.00	3,21,34,028.00
p) Expenses on Fees		
(i) Bank Charges	6,343.00	67,605.00
(ii) Bank Charges for LC	5,035.00	-

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q) Auditors Remuneration	10,23,725.00	-
r) Hospitality/Entertainment Expenses	27,97,019.00	48,48,115.00
s) Professional Charges		
(i) Professional and Special services (Arbitration & Legal fees)	90,11,507.00	1,09,32,831.00
(ii) Honorarium of Examiners (Professionals)	1,40,55,809.00	1,07,50,662.00
(iii) Commission on Import Service Provider	-	-
t) Provision for Bad and Doubtful Debts/Advances	-	-
u) Irrecoverable Balances Written-off	-	-
v) Packing Charges	-	-
w) Freight and Forwarding Expenses	-	-
x) Distribution Expenses	-	-
y) Advertisement and Publicity	14,34,317.00	25,36,115.00
z) Expenses on Swachhta Action Plan		
(i) Biomedical Waste Management	-	36,90,440.00
(ii) Horticulture and Hospital Upkeeping	-	41,43,671.00
(iii) Infection Control	-	61,69,908.00
(iv) Mechanised Cleaning Service	64,02,360.00	2,35,97,640.00
(v) Sanitation & Basic Maintenance & Hygiene Promotion	-	8,05,21,714.00
(vi) Swachhta Awareness at Local Level, Display & Banners	-	4,87,704.00
za) Kayakalp Expenses	20,821.00	-
zb) Others (specify)		
(i) Intramural Reserch Project Expenses	8,94,939.00	12,84,361.00
(ii) Student Welfare	18,03,340.00	12,71,202.00
(iii) Stipend to B.Sc. Nursing Students	39,93,500.00	20,00,500.00
(iv) Contingent Expenses	93,88,534.00	1,15,65,653.00
(v) Laundry Expenses	60,21,701.00	70,54,201.00
(vi) Dietary Service of Hospital	1,68,60,835.00	3,87,69,641.00
(vii) Other Office Expenses	12,66,494.00	2,84,890.00
(viii) Recruitment Cell Expenditure	2,31,86,063.00	70,33,082.00
(ix) Capacity Building (Including International Co-operation)	22,09,825.00	1,35,15,402.00
(x) Stipend to MBBS Interns & PHD	3,44,80,783.00	3,72,95,381.00
(x) Stipend to M.Sc. Nursing Students	38,85,000.00	44,53,680.00
(xi) Quality and Planning	5,27,960.00	6,96,916.00
(xii) International Co-opration/Conference Expenses	84,858.00	13,94,307.00
(xiii) Convocation Expenses	69,76,449.00	7,19,745.00
(xiv) Jan Aushadhi Expenses	8,027.00	88,517.00
(xv) Ayushman Bharat Patient Treatment Expenses	20,92,62,152.00	1,28,54,247.00
(xvi) Ayushman Bharat General Expenses	1,03,64,896.00	44,08,861.00
(xvii) Medical Education Cell Expenses	1,98,90,149.00	-
(xviii) Patient Welfare Expenses	4,090.00	-
(xix) Extramural Research Expenses	1,32,79,148.00	-
<b>TOTAL</b>	<b>2,71,95,17,189.00</b>	<b>2,29,18,75,583.00</b>

  
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(Amount-Rs.)

SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.		
	Current Year	Previous Year
a) Grants given to Institutions/Organisations	-	-
b) Subsidies given to Institutions/Organisations	-	-
<b>TOTAL</b>	-	-

Note - Name of the Entities, their Activities along with the amount of Grants/Subsidies are to be disclosed.

  
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(Amount-Rs.)

<b>SCHEDULE 23 INTEREST</b>	Current Year	Previous Year
a) On Fixed Loans	-	-
b) On Other Loans (including Bank Charges)	-	-
c) Others (specify)	-	-
<b>TOTAL</b>	-	-

  
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**SCHEDULE FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31<sup>st</sup> March, 2021**

**SCHEDULE 24- SIGNIFICANT ACCOUNTING POLICIES**

**1. ACCOUNTING CONCEPTS**

1.1 The financial statement is prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

**2. INVENTORY VALUATION**

2.1 Stores and Spares (including machinery spares) are valued at cost.

**3. Investment**

3.1 Investments are shown in the book at original cost.

**4. Revenue Recognition**

- 4.1 Grants-in-Aid (GIA) are accounted on receipt basis, and the unspent balances of Grants and Miscellaneous Receipts are carried forward to next financial years through transfer it into General Reserve.
- 4.2 Excess of expenditure during the FY over GIA received are made from balance of unutilized grant of previous FY which was lying in General reserve.
- 4.3 Interest, Rent and other receipts are treated as income of the Institute and accounted for on actual receipt basis.
- 4.4 Interest on investments has been accounted for on accrual basis.

**5. Fixed Assets & Depreciation**

**(A) Fixed Assets**

- 5A.1 Fixed Assets & Consumables register are maintained in the required format given under GFR 40.
- 5A.2 The fixed assets are stated at cost. Cost of acquisition is inclusive of inward freight, duties and taxes and other incidental expenses.
- 5A.3 Assets received as centralized purchases from the HLL Lifecare Limited are treated as assets of the Institute and valued at cost.
- 5A.4 No assets have been revalued during the year.
- 5A.5 Land for which payments have been made directly to State Govt. (Uttarakhand) by the Ministry of Health & Welfare have not been shown in books of accounts.

**(B) Depreciation**

- 5B.1 Depreciation on Fixed Assets is charged at the rates prescribed under Income Tax Act, 1961 on written-down value method.
- 5B.2 Assets costing less than Rs.5000 depreciated at the rate of 100%.

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**6. Retirement Benefits**

- 6.1 The Institute's contributions towards National Pension System are charged from the Grant-in-Aid (Salary) as and when incurred.
- 6.2 The Institute also provides gratuity and leave encashment benefits to the employees, which is funded through a grant received from the Govt. of India under the head salary. The liability in respect of gratuity and leave encashment up to the end of year 2020-21 is determined by the Institute on estimated basis and subject to investment in Government securities as per the notification dated 24/01/2015 issued by Ministry of Finance, Government of India.

**Notes to the Accounts: -**


1. During the year Institute has received following Grants from Ministry of Health & Family Welfare, GOI: -

Nature of Grant	Amount (Rs. In Crore)
GIA (Salary)	253.00
GIA (General)	380.00
GIA (Capital)	218.75
GIA (Swachhta Action Plan)	2.00
<b>Total</b>	<b>853.75</b>

2. During the financial year Rs 0.64 crore were transferred, for opening L/Cs into HDFC Bank for purchase of Machinery and Consumables from abroad.
3. As and when fund transferred for opening of Letter of Credit (LC) into bank for payment of Equipment expenditure is booked on AIIMS Equipment A/c.
4. Contribution to National Pension System of Employees has been shown in liability as NPS Payable being PRAN of new employees are under process.
5. Provision for employee's retirement benefits amounting to Rs. 30.83 crore has been made on estimated basis.
6. GIA (Creation of Capital Assets) received during the F.Y. 2020-21 Rs. 218.75 crore has been directly depicted under Capital Fund (Schedule-1) for apparent matching with utilization certificate submitted.
7. During the FY 2020-21 new accounts has been added in books of account as shown under Sch.11 A. (Current Assets), SL No.4 (x to ah).
8. As per classification of expenditure all Travelling Allowance has been shifted to Administrative expenditure from FY 2020-21.
9. Investments under Bonds, Securities & equity fund are taken in books on principal value due to uncertain market cost fluctuations.
10. Bank balance under BOB Endowment fund is also included part of other income i.e. penalties, charges received from students/staff.
11. Institute has created separate EHS fund during the FY 2020-21 for medical treatment of regular staff, as per previous years EHS deductions Rs.1,23,37,524 had been treated as income, hence previous years EHS deduction has taken from General Reserve.

  
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Prof (Dr.) Ravi Kant  
Director



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**SCHEDULE FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31st March,  
2021**

**SCHEDULE 25-CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS**

**1. CONTINGENT LIABILITIES**

1.1 Claims against the Entity not acknowledged as debts Rs.1,79,96,77,404.00 which includes claim of arbitration Rs. 8,14,00,000 & Rs. 72,08,15,589 of M/s Omax Ltd. For package-1 and claim of arbitration of Rs. 99,74,61,815 of M/s JMC Projects (India) Ltd. For package-II/IV (Previous year Rs. 179,96,77,404).

1.2 In respect of:- Bank guarantees given by/on behalf of the Entity-Rs. Nil (Previous year Rs. Nil).  
- Transfer amount during the year for open Letters of Credit by Bank on behalf of the Entity-Rs. 63,92,769/- (Previous year Rs. 37,21,29,575/-).  
- Bills discounted with banks Rs. Nil (Previous year Rs. Nil).

1.3 Disputed demands in respect of:  
Income-tax Rs. Nil (Previous year Rs. Nil).  
Sales tax Rs. Nil (Previous year Rs. Nil).  
Municipal Taxes Nil (Previous year Rs. Nil).

1.4 In respect of claims from parties for non-execution of orders, but contested by the Entity-Rs. Nil (Previous year Rs. Nil).

**2. CAPITAL COMMITMENTS**

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances)  
Rs. Nil (Previous year Rs. Nil).

**3. LEASE OBLIGATIONS**

Future obligations for rentals under finance lease arrangements for plant and machinery amount to Rs. Nil (Previous year Rs. Nil).

**4. CURRENT ASSETS, LOANS AND ADVANCES**

In the opinion of the Management, the current assets, loans and advances have a value on realisation in the ordinary course of operation, equal at least to the aggregate amount shown in the Balance Sheet.

**5. TAXATION**

In view of there being no taxable income under Income-tax Act 1961, no provision for Income tax has been considered necessary.

**6. FOREIGN CURRENCY TRANSACTIONS****(Amounts-Rs.)****Current Year Previous Year****6.1 Expenditure in foreign currency:**

a) Travel	Nil	Nil
b) Remittances and Interest payment to Financial Institution/Banks in Foreign Currency	Nil	Nil
c) Other expenditure:		
- Commission on Sales	Nil	Nil
- Legal and Professional Expenses	Nil	Nil
- Miscellaneous Expenses	Nil	Nil

**6.2 Earnings:**

Value of Exports on FOB basis

**6.3 Remuneration to auditors:**

As Auditors

- Taxation matters	Nil	Nil
- For Management service	Nil	Nil
- For Certification	Nil	Nil

**6.4 Other**

Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary.

Schedules 1 to 25 are annexed to and formed an integral part of Balance Sheet as on 31<sup>st</sup> March 2021 and the Income and Expenditure Accounts for the year ended on that date.

  
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Prof (Dr.) Ravi Kant  
Director

**Patron**  
**Dr. Arvind Rajwanshi**  
Executive Director  
AIIMS Rishikesh

### **Annual Report Committee**

- Prof. Vartika Saxena, Professor (Chairperson)**  
Community and Family Medicine, AIIMS Rishikesh
- Dr. Manisha Naithani, Additional Professor (Co-Chairperson)**  
Biochemistry, AIIMS Rishikesh
- Dr. Rashmi Malhotra, Additional Professor**  
Anatomy, AIIMS Rishikesh
- Dr. Ruchi Dua, Additional Professor**  
Pulmonary Medicine, AIIMS Rishikesh
- Dr. Monika Pathania, Associate Professor**  
General Medicine, AIIMS Rishikesh
- Ms. Prasunna Jelly, Assistant Professor**  
Nursing College, AIIMS Rishikesh
- Dr. Jayanti Pant, Assistant Professor**  
Physiology, AIIMS Rishikesh
- Dr. Daljit Kaur, Assistant Professor**  
Transfusion Medicine, AIIMS Rishikesh
- Dr. Lokesh Saini, Assistant Professor**  
Pulmonary Medicine, AIIMS Rishikesh
- Dr. Amit Kumar, Assistant Professor**  
ENT, AIIMS Rishikesh

### **Administrative Support**

- Lt. Col. Achyut Ranjan Mukherjee**  
Deputy Director (Administration)
- Shri Shashi Kant**  
Sr. Administrative Office, AIIMS Rishikesh
- Smt Santosh**  
Administrative Officer, AIIMS Rishikesh

- Shri P.K. Mishra**  
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