

Annual Research Day Celebration

16th September 2022

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All India Institute of Medical Sciences, Rishikesh

Annual Research Day 2022- Report

Relevance

All India Institute of Medical Sciences, Rishikesh, is an institute where it is imperative to boost innovations, open novel horizons, and reach the pinnacle of success when it comes to the field of research. The institute has always supported research activities in the field of medicine and allied sciences right since its inception. The Annual Research Day at (AIIMS), Rishikesh was celebrated enthusiastically on the 16th of September 2022. Experts from institutes of National importance from medical and technical background were invited to attend the event. All health care staff and students at the institute were invited to participate in the event.

Esteemed Patrons and Guests

Chief Patron

Prof Meenu Singh, Executive Director & CEO, AIIMS Rishikesh

Co-Patron

Prof Jaya Chaturvedi, Dean Academics, AIIMS Rishikesh

Chief Guest

Prof KK Talwar, Former Director, PGIMER Chandigarh

Guest of Honor

Prof Durgesh Pant, Director General UCOST, Uttarakhand
Prof Ajit Kumar Chaturvedi, Director IIT Roorkee

Panelists

Prof Sunil Saini Director, Cancer Research Institute, SRHU
Prof Akshay Dwiwedi Dean SRIC IIT Roorkee
Swami Dayadhipananda, Medical Superintendent, RKMS Hospital, Haridwar

Organizing Chairperson

Prof Vartika Saxena,
Dean Research,
Head of Department of CFM
Head of AYUSH
AIIMS Rishikesh

Organizing secretary

Dr Farhanul Huda Associate Dean Research (Thesis Review Board)
Dr D K Tripathi Associate Dean Research (IPR committee)
Dr Ashwini A Mahadule Associate Dean Research (SRRB)

Organizing joint secretary

Dr Bela Goyal (Chairperson LPC committee)
Dr Amit Sehrawat (Convener RRB)
Dr K Rajarajeshwari (Convener RRB)

Scientific program:

The Annual Research Day celebration started with an inaugural ceremony and lamp lighting.

Inauguration

The event began with the inauguration ceremony which took place in the kind presence of the dignitaries and distinguished guests:

Prof Meenu Singh, Executive Director & CEO, AIIMS Rishikesh

Prof K.K Talwar, Director (Former), PGIMER Chandigarh

Prof Ajit Kumar Chaturvedi, Director IIT Roorkee

Prof Sunil Saini Director, Cancer Research Institute, SRHU

Prof Akshay Dwiwedi Dean SRIC IIT Roorkee

Swami Dayadhipananda, Medical Superintendent RKMS hospital, Haridwar

Prof Jaya Chaturvedi, Dean Academics, AIIMS Rishikesh

Prof Vartika Saxena, Dean Research, AIIMS Rishikesh.





Research Exhibition

An exhibition of scientific research papers was organized on this day at AIIMS, Rishikesh where research work by faculty and students were displayed on digital display.

There were total of 6 displays wherein e-posters of various award categories were put up. Research that was published in high impact factor journal (>5 impact factor), AYUSH projects, STS projects of the students, Review articles, abstracts of research article of faculty and students who had won the best researcher awards were displayed. Faculty and students of the displayed e-posters were present to explain their work to the visitors. Few of the innovation of our institute were also kept for display like: Prana Vayu (Low cost ventilator), Saturation and vital signs monitoring wrist device added weightage to the event.



Welcome address by Dean Research

Prof. Vartika Saxena extended welcome to all the guests and invitees on the occasion and narrated the importance of celebrating the Annual research Day. She expressed that this event would inspire young minds to excel in distinguished work in numerous capacities.



Dean's Address

Opening remarks were delivered by Prof Jaya Chaturvedi, Dean Academics, AIIMS Rishikesh. She mentioned the Annual research day celebration would increase the awareness and appreciation of research enthusiastic faculty and students. She opined that the researchers should work in a direction that has a profound impact on patient care and medical innovations.



Executive Director & CEO, AIIMS Rishikesh Address

Professor Meenu Singh, Executive Director of AIIMS, began her speech by quoting the emblem of AIIMS Rishikesh “विश्व आरोग्यं हि धर्मो नः विश्व को रोग रहित बनाना ही हमारा धर्म है, which she said should become our basis for research at the institute. She further added that we are dedicated to the trinity of principles at our institute which are patient care, academic talent, and research.



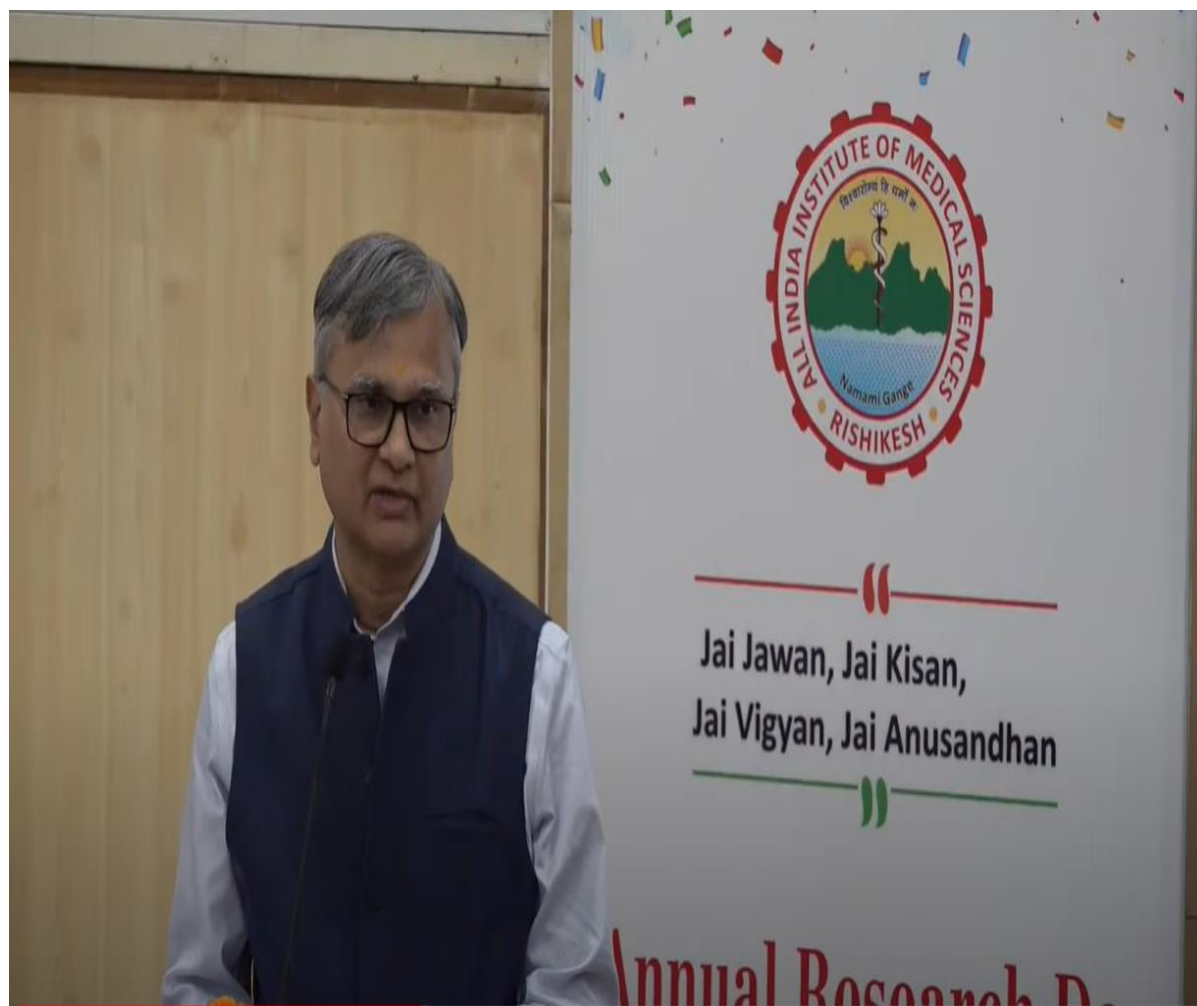
Guest of Honor Address

Professor Durgesh Pant, Director General, UCOST, spoke about the priority and importance of research in Uttarakhand. He said that AIIMS Rishikesh is not only a medical center but at the same time it is present in a spiritual eco-zone. He saluted all the doctor community for giving hope and compassion amidst the crisis during the Covid 19 pandemic. He also mentioned that research has brought a big change in medical science, which leads the world towards digital health, for example Telemedicine.



Guest of Honor Address

IIT Roorkee Director Professor Ajit Kumar Chaturvedi appreciated AIIMS Rishikesh for dedicating a full day to research celebration. He laid emphasis on more collaborations between IIT Roorkee and AIIMS Rishikesh for conducting multidisciplinary studies and he also emphasized on quality of research rather than impact factors and publication numbers. He concluded his speech with a line taken from the writings of Rabindranath Tagore, that instead of doing wrong by the easy path, one should try to hard rights.



Chief Guest Address

The Chief guest Former director PGIMER Chandigarh, Professor KK Talwar, gave his views on research in the field of medicine. Resonating the speech of our honorable Prime Minister in a conclave in Gujarat, he said that we must do quality research and innovation, which is of national importance. We should be proud of some special contribution of our nation, as studies have shown that even common household items can be as good as ORS. He also emphasized on integrating research with indigenous medical systems as AYUSH is now a part of most medical institutions of national importance. Integrating it would be beneficial for both the systems of medicine.



Panel Discussion

The topic of panel discussion was “Research in healthcare: A way ahead”

The moderator Prof Vartika Saxena introduced all the panelists and chaired the panel discussion.

Panelists were as follows:

Prof Meenu Singh, Executive Director & CEO, AIIMS Rishikesh

Prof K.K Talwar, Director (Former), PGIMER

Prof Ajit Kumar Chaturvedi, Director IIT Roorkee

Prof Sunil Saini Director, Cancer Research Institute, SRHU

Prof Akshay Dwiwedi Dean SRIC IIT Roorkee

Swami Dayadhipananda, Medical Superintendent RKMS hospital, Haridwar

First discussion was on AI and its role in research in health care. Prof Akshay Dwiwedi Dean, SRIC IIT Roorkee emphasized about the status of prospects on medical ethics in research and AI especially concerning medical healthcare to which he says “to keep technological growth along with medical research is a must. AI in healthcare is amalgamation of medical knowledge, mathematics, and engineering knowledge. He also mentioned developing collaborative startup would boost the development of AI in health care. Implementation of research ethics was second aspect which was discussed by Swami Dayadhipanand Medical Superintendent of Rama Krishna Mission Hospital, Haridwar, gave his views on practicing moral values as professionals for students and healthcare staff, but laid special emphasis on conducting new searches keeping in mind the values of ethics. Prof Meenu Singh mentioned importance of Telemedicine and its need in this part of the country. Prof KK Talwar was eminent speaker to talk about multidimensional approach and use of collaborations in research. Prof Ajit Kumar

Chaturvedi, Director IIT Roorkee highlighted the lessons learned from the Covid 19 pandemic. Prof. Sunil Saini Director, Cancer Research Institute, SRHU, who was one of the panelists in the program, discussed the need for cooperation and communication in research for the development of the research ecosystem in the state. He pressed on importance of research collaboration, harmony, and communication. The panel discussion all esteemed experts expressed their views and addressed to the queries of the audience.



Award Ceremony

The institute also rewarded the faculty members and medical students for excellent research work. The list of the awardees are as follows:

Award (Faculty)	Recipient
1. Publication in High Impact factor Journal	Dr. Prateek Kumar Panda (Department of Pediatrics) Dr. Ajeet Bhadoria (Department of CFM), Dr. Rakesh Sharma (College of Nursing)
2. Highest number of Publications	Dr. Indar Kumar Sehrawat (Department of Pediatrics) Dr. Pankaj Kandwal (Department of Orthopedics) Dr. Deepjyoti Kalita (Department of Microbiology)
3. Highest Research Grant.	Prof Shalini Rajaram (Department of Gynaecology) Dr. Pradeep Aggarwal (Department of CFM) Prof Anissa Atif Mirza (Department of Biochemistry)
4. Highest Number of research Grants	Dr Santosh Kumar (Department of CFM) Dr Amit Sehrawat (Department of surgical Oncology)
5. Best Researcher award (patents)	Dr. Madhubari Vathulya (Department of Plastic Surgery) Dr. Ravi Kant (Department of Internal Medicine) Dr. Ashutosh Tiwari (department of Urology)
Award (Students)	
1. Publication in High Impact factor Journal	PhD Scholar Rohitansh Yadav (Department of Pharmacology) Ms Diksha Arora (College of Nursing) Bal Govind S. Raja (Department of Orthopaedics)
2. Highest number of publications	Dr. Shubham Jhanwar Dr. Samarth Mittal Dr. Sangeeta Deka
3. Innovation Challenge	Dr. Ravi Gupta Dr. Ashutosh Tiwari Dr. Rishi Sharma
4. Certificate of Appreciation for ICMR STS 2022 scholarship	1. Kashika Rai 2. Rahul Chopra 3. Shaubham Sharma 4. Siddhant Govekar 5. Tanureet kaur 6. Snehil Chhabra 7. Hemant Pandita 8. Oshin Puri



Physiology Working Model Exhibition

A 'Physiology Working Model Exhibition' was organized by the Department of Physiology, AIIMS Rishikesh. First professional MBBS students 2021 batch presented their working models of Physiology from different systems of Medical Physiology. The students were divided into twelve teams based on different systems of Medical Physiology. Each team name represented an honorary Physiologists in alphabetical order like Addison, Brownell, Castle, Dale, Einthoven, Fallopio, Galen, Harvey, Ivan Pavlov, James Papez, Kolff and Landsteiner. The undergraduate students explained different concepts and principles of human physiology by their working models. They also presented historical landmarks by showcasing the contributions of eminent Physiologists in field of science.

The exhibition included models on topics like Angiography & Angioplasty, Autonomic regulation of Heartbeat, Chemoreceptor reflex, Colour blindness, Excitation contraction coupling, Motor regulation by higher centres, Negative feedback mechanism, Overflow incontinence, Pathways of blood coagulation, pupillary reflex, Techniques of sterilization and Vomiting reflex. Students displayed and explained the models by using Charts and battery/motor operated Models made by raw materials like clay, chart papers, cardboards, thermocols, plastic bottles, solar batteries, ferry lights, DC pumps etc.



Vote of Thanks

Dr Bela Goyal Chiperson LPC committee delivered vote of thanks to all dignitaries, guests and audience and with concluding remarks that such a celebration shall boost newer research activities in the institute.