

BRIEF CURRICULUM VITAE

Name : **Dr. Raj Kumar**
Father's Name : **Late Sri Chhote Lal**
Address : Director, All India institute of
Medical sciences,
Rishikesh- 249201, Uttarakhand



Academic Qualifications:

Examination	Board /University	Year of Passing	Attempt
Matriculation	U. P. Board, Allahabad	1976	1 st
Intermediate	U. P. Board, Allahabad	1978	1 st
B.Sc.	Kanpur University, Kanpur	1980	1 st
M.B.B.S.	GSVM Medical College, Kanpur	1985	1 st
M. S.	GSVM Medical College, Kanpur	1990	1 st
M. Ch	AIIMS, New Delhi	1993	1 st
FRCS & MRCS	Royal colleges of surgeons USA	2008	
FASET	Academy of Sci. engine. & Techno.	2010	
PhD	Ayurveda in brain tr GBM	2012	Thesis submitted

As a Teacher:-

1. International Teacher in Pediatric Neurosurgery approved by international society for Pediatric Neurosurgery (ISPN).
2. Supervised all the research & training to the neurosurgery trainees during last 18 years.
3. Guided several Ph. D students in Neurosciences research.
4. Working hard to increase academic activity in National as secretary to Neurological Surgeon's society of India (NSSI).
5. Delivered many talks & lectures to trainee & students of science in academic institutions.
6. Trained 51 super specialist residents in Neurosurgery who are serving throughout the country and world.

Administrative cum academic Appointment:

1. Created basic lab in clinical dept.
2. Developed subspecialty of Pediatric and Onco-neurosurgery at SGPGI.
3. Examination Superintendent of Institute for different PG/DM/M.Ch. Entrance exams from 1998 to May 2001.
4. Member of the governing body of SGPGI, year 2005-2007.
5. Full time member of 3 International and 10 National societies.
6. Expert in many selection committees like Nurses, Technicians, Scientists, Engineers, Ministerial staff etc.
7. Expert and member of second departmental promotion committee of institute in year 2001-2002.
8. Member & chairman in many inquiry committees of institute.
9. Expert/advisor (Neurosurgery) of Uttaranchal Public Service Commission.
10. Expert in UGC & NAAC.
11. Expert of MCI for inspection of Medical colleges.
12. Chief of Trauma Centre SGPGI, Lucknow.
13. Operated nearly 7000 complicated neurosurgical cases.

Publications: Total-368 (Indexed)

1. Journals : **a)** International : 190 **b)** National: 21
2. Chapter in Books : 139
3. Books (6+1): Pediatric Neurosurgery, Brain Hemorrhage ,Head injury, the pineal gland & Melatonin, etc
4. Papers under review : 30
5. Reviewed a book on Pediatric neurosurgery, by M. Coux, Di Rocco etc.
6. Prepared cover pages of 6 international scientific journals.
7. Reviewed book of European Neurosurgery.

Innovations in international literature:-

1. Kumar and Kalra Clinical Scoring for Atlantoaxial dislocation.
2. Coined the new entity of Complex Spina bifida and short out its outcome.
3. Coined the new entity of Spina Bifida Multiplex and short out its outcome.
4. Kumar's Criteria's for External hydrocephalus
5. Kumar's Criteria's for PostTraumatic Effusion in Children
6. Kumar& Kalra Scoring for Brain Stem Lesions
7. Established and started basic lab in clinical department of Neurosurgery with help of Neurological Surgeon's society of India.
8. MMP Genes in Northern Indian malignant gliomas.

Recognitions by International & National Scientific bodies

1. Nineteen recognizable works by different contributions in science excluding land mark publications.
2. Appointed as Head of Department of Pediatric Neurosurgery at London (not joined).
3. Appointed as Director AIIMS: Rishikesh,Uttra Khand

Awards:

1. **Baba Saheb B. R. Ambedkar Excellence National Award**, December 2005.
2. **Vigyan gaurav Samman 2008 (Science and Technology UP, Rs 1 lac etc).**
3. **Vigyan Ratna 2007 (Science & Tech UP, 50thousand etc)**
4. **U P Ratna award** by All India intellectual conference
5. **Ambedkar National Award 2009**
6. Name entered in **Marquis'** who's & who book of North America 2007, 2008, 2009.
7. Shalya Shree Rastriya Samman 2007
8. Certificate of **Recognition by Moroccan** Society of Pediatric Neurosurgery.
9. CV included in Index Copernicus(International Scientific Body indexing scientific journals)
10. Ratna Shree Samman 2007 by Ratna Prakash Memorial institute.
11. Appointed Hon, **Professor and Regional examiner(Asia)** in Royal colleges (USA)
12. **Sir Sri Ram memorial Award of yr 2010 for best publication** in medical science by National Academy of Medical Sciences of India (**NAMS**).
13. National Bhojpuri Gaurav by National Bhojpuri Samaj yr 2011.

Prestigious Memberships:-

1. National Academy of Sciences, India (Allahabad).
2. National Academy of Medical Sciences of India, New Delhi.
3. Member of **08** International & other National Societies.

Awarded Research:-

1. **20** Awards to students on presentations of my work at scientific forum.

Conference Presentations & Proceedings:-

1. International : 17
2. National : 63
3. Chaired 4 International and 13 national scientific sessions.

Fellowship & Visiting Faculty:-

1. Fujita Health University, Japan December 1999.
2. Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia 2005
3. Visiting Professor, S.M.S. Medical College, Jaipur [India], March 2007.
4. Visited as faculty to hospitals at Japan, Canada, and France.

Editors:-

1. Member of editorial board of Child Nervous System (CNS) Germany
2. Worked as Asian Editor for Journal of Pediatric Neurology for 5yrs
3. Member of editorial board of Journal of Pediatric Infectious Diseases and 3 other journals
4. Consultant Editor in J. K. Sciences, India.
5. Referee of 16 International and 3 national Journals.

Clinical Interest:-

1. Pediatric Neurosurgery
2. Atlanto Axial Dislocation
3. Spinal Dysraphism
4. Onco-Neurosurgery
5. Ideal training program for M.Ch Residents.

Research Areas:-

1. Atlanto Axial Dislocation
2. Spinal Dysraphism
3. Tuberculosis of Spine
4. Cerebral Glioma
5. Trauma

Brief Summary of Scientific Works:-

1. Introduced, developed and mastered the subspecialties of pediatric neurosurgery at Northern part of India with significant scientific contribution.
2. Discovered 3 entities related to spinal dysraphism and prepared guideline for Indian children with this malformation.
3. Developed 2 scoring system for atlantoaxial dislocation and brainstem glioma etc.
4. Linked basic research with clinical & applied research.