

# Dr. G. P. Pal



**Designation:** Director / Dean

**Institution:** Modern Institute of Medical Sciences, Indore (MP)

## About Prof. GP Pal

Professor Pal is an eminent *teacher, author* of many well accepted medical textbooks and an internationally reputed *medical scientist* in the field of Human Anatomy.

### Qualifications

MS

DSc

FAMS

FASI

FNASc

FASc

Dr. Pal is a dedicated teacher with *four decades of teaching experience*. He is very popular among the students and they respect him for his deep knowledge of the subject, his *simplicity* and *down to earth* attitude. He has taught thousands of students in various medical institutes of the country and in USA. **He has worked as visiting Associate Professor at the Medical College of Pennsylvania, Philadelphia in 1985 and 86.** He was further appointed as Honorary visiting Associate Professor in the same institute from 1987 to 1990.

Through his research on the *biomechanics of Human Spine* (vertebral column) and *Spinal Cord* Dr. Pal has made significant contribution to the medical science. His original research on the biomechanics of vertebral column has helped us to understand the etiological cause of many of these diseases associated with the human spine. His studies on the *load transmission through spine* have helped us to know, for the first time, the complicated route through which load passes through vertebral column in man. Because of these studies, Dr. Pal could *evolve a new model for load bearing spine*. For the first time it was revealed that neural arch components of spine are also involved in load transmission. Dr. Pal's studies on human *spinal cord* are first to identify various *motor-neuron groups* in the entire human spinal cord including *phrenic* and *accessory nerve* nuclei.

**Dr. Pal's research work is original and of high quality.** This is evident by the fact that his research *work is cited* in more than 50 standard textbooks of medical sciences (including Gray's Anatomy, Neuroanatomy, Orthopaedic Surgery, Zoology, Forensic Medicine etc.). Dr. Pal has won many National awards, prizes and gold medals for his research (including *S.S. Bhatnagar Prize*, which is considered to be the highest awards of the science in country). Based on his excellence in research, Dr. Pal was elected as fellow of many prestigious academies of sciences (*Indian Academy of Sciences*, Bangalore; *National Academy of Medical Science*, New Delhi; *National Academy of Sciences*, Allahabad and fellowship of *The Anatomical Society of India*).

## Books Published

Sl. No	Title of Books	Specialty	Ed.	Year	Publisher
01	Basics of Medical Genetics	Genetics	2 <sup>nd</sup>	2006	AITBS, New Delhi
02	Text-book of Histology	Histology	4 <sup>th</sup>	2015	Paras Medical Publishers
03	General Anatomy	Anatomy	3 <sup>rd</sup>	2012	Pee-Pee Publishers
04	Medical Genetics	Genetics	1 <sup>st</sup>	2008	AITBS, New Delhi
05	Medical Genetics for Dental Students	Genetics	1 <sup>st</sup>	2008	AITBS, New Delhi
06	Genetics in Dentistry	Genetics	1 <sup>st</sup>	2010	JayPee Publishers
07	Human Osteology	Osteology	1 <sup>st</sup>	2010	Pee-Pee Publishers
08	Illustrated Text Book of Neuroanatomy	Neuro-anatomy	1 <sup>st</sup>	2012	Walters Kluwer
09	Dissection Manual–Head, Neck and Brain	Anatomy	1st	In press	Thieme
10	Inderbir Singh's Human Embryology	Embryology	10 <sup>th</sup>	2010	McMillan Publication