

Prof. (Dr.) Vinod Kumar

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About

Dr. Vinod Kumar was Deputy Director and Professor of Electrical Engineering at IIT Roorkee. He received his B.Tech degree from Punjab Engineering College, Chandigarh and M.Tech. & Ph.D. from IIT Roorkee (erstwhile University of Roorkee). He has many academic awards, distinctions and scholarships to his credit including the Khosla Research Awards of University of Roorkee, Ist IETE-R S Khandpur Medical Instrumentation Gold Medal in recognition of life time achievements and outstanding contribution in the field of Biomedical Instrumentation 2006, Railways Board Award for the best paper by IE(I) 2006, KS Krishna Memorial Award of IETE, The Brij Mohanlal Award of IE (I), The Corps of Engineers Prize of IR(I), best paper certificates of Awards of IE (I) etc. He has been recognized as excellent performer for many years in IIT Roorkee.

He is the best teacher awardee of IIT Roorkee. Prof. Vinod Kumar has about 180 research papers to his credit in the area of Medical Instrumentation and Signal Processing. He has guided 28 PhD.s, more than 150 M.Tech dissertations and more than 150 B.Tech. Projects in the area of medical instrumentation and digital signal & image processing.

He held many positions in IIT Roorkee administration i.e., Dean Faculty Affairs; Heads of Electrical Engineering Department, Continuing Education Centre, Quality Improvement Program Centre, Information Super Highway Centre and Audio Visual Centre. He was also Associate Dean Academic, Chairperson of many Committees and member of several academic committees of other educational institutions of higher learning and councils. He was National Coordinator QIP.

He has widely travelled in India and abroad namely USA, UK, Germany, France, Canada, Singapore, Dubai, Thailand, Finland, Switzerland etc for invited key notes, research collaborations & discussions.

He has taken more that 90 assignments as consultant in diverse fields which includes development of instruments, signal processing packages, residual life assessment of power plants and e-governance.

He has 41 years of rich experience of teaching & research and technical education management . He is a life fellow of IETE and IE (I) , member IEI UK and is a senior member of IEEE USA. His areas of interest are Medical Instrumentation, Digital Signal Processing, Telemedicine and e-Governance.