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**Dr. Vinod Kumar**



Dr. Vinod Kumar is Professor & Head of Electrical Engineering Department of IIT Roorkee. He received his school education at Ludhaina, Engineering degree from Punjab Engineering College, Chandigarh, 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, The Corps of Engineers Prize: Institution of Engineers(I) 2008, 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 on vibration analysis by IE(I) 2006, KS Krishna Memorial Award of IETE, The Brij Mohanlal Award of IE (I), best paper certificates of Awards of IE (I) etc. He has been recognized as excellent performer for the last five years of IIT Roorkee after UOR has been converted to IIT Roorkee.

He is the best teacher awardees of IIT Roorkee. Prof. Vinod Kumar has about 150 research papers to his credit in the area of Medical Instrumentation and Signal Processing. He has guided 17 Ph.D.s, 90 M.Tech. dissertations and more than 150 B.Tech. Projects in the area of medical instrumentation and digital signal & image processing.

He has held many positions in IIT Roorkee administration i.e., Head Continuing Education Centre, Coordinator QIP Centre, Head, Information Super Highway Centre, Associate Dean Academic, Chair person of many Committees and is the member of academic committees of many educational institutions and councils in India.

He has taken of more that 75 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 33 years of rich experience of teaching & research. He is a life fellow of IETE and IE (I) and is a senior member of IEEE. His areas of interest are Medical Instrumentation, Digital Signal Processing, Telemedicine and e-Governance.