

Professor Ganapati Panda

Professor Ganapati Panda, currently working as the Deputy Director of Indian Institute of Technology Bhubaneswar, is a renowned academician and outstanding researcher in the area of Electronics and Telecommunication engineering. During last forty years of academic careers at University College of Engineering Burla (17 years), National Institute of Technology Rourkela (21 years) and Indian Institute of Technology Bhubaneswar (2 years), Prof. Panda has held prestigious positions such as Professor for 23 years, Deans of academic affairs as well as of administration, Head of the department, member of Senate and Board of Governors, and also Coordinator-world bank project of these Institutes. He is actively involved in the growth of technical education in the state of Odisha both in terms of teaching and research since 1972. He has also made substantial academic contribution to all the Universities and leading institutions of Odisha.

Due to his significant contributions to the areas of signal processing and telecommunication Prof. Panda has been nominated as **Fellow of National Academy of Engineering (FNAE)** and **Fellow of National Academy of Science (FNASc)** in the years 2002 and 2003 respectively. He has received the prestigious **Samanta Chandra Sekhar award** in the year 1993 from the Orissa Bigyan (Science) Academy for outstanding contribution to the field of science and technology. He has received a number of gold medals and best paper awards from Institute of Telecommunication Engineers (IETE) and Institute of Engineers (IEI) India.

Prof. Panda is a well known expert in related fields of Electrical, Electronics and Computer engineering and has significant research contributions in these areas. His specific research focus are in the areas of signal processing, soft and evolutionary computing, telecommunication, power systems, instrumentation and control and computational finance. Presently Prof. Panda is engaged in interdisciplinary research in Alternative Energy and Environmental Engineering. His novel and seminal contributions are in the areas of intelligent instrumentation, digital channel equalizer, system identification, digital filtering, power system control and protection, sensor networks, acoustic noise cancellation, radar signal processing, digital image processing, and data mining. He has developed innovative methods in all these areas and has successfully applied them to many practical problems. He has also made original contribution to the areas of high speed transforms, adaptive filtering, low complexity direct and inverse models and filtering and compression of digital images.

All his research findings have been published in peer reviewed journals, conference proceedings and as book chapters. Till to date he has 350 research publications, out of which about 100 papers are in reputed peer reviewed journals and the others have been presented in conferences and have appeared in conference proceedings. His research papers are extensively cited and presently it is more than 1300. During last twenty five years, he has guided twenty one scholars for the Ph.D and three for M. Tech (Research) degrees. Six Ph.D students are in the process of writing their theses and six more are currently working under his direct supervision. He has successfully completed large number of research projects both funded by Indian and foreign agencies (USA, UK). He is a life Fellow and senior member of many professional societies of India, USA and UK such as IEEE, IEE, IEI, IETE, CSI, ISTE and ISI. He is a regular reviewer of many international journals.

In essence, Prof. Panda has made high quality research work in the emerging areas of Electronics Engineering, produced number of quality technical manpower at M. Tech and Ph.D levels and contributed significantly to the growth of technical education in the state during last 40 years.