



Prof. D. N. Bose

Designation: Guest Professor

Qualifications: M.Tech, Ph.D.

Department: Physics

Prof D.N.Bose obtained his M.Sc (Tech) in Radiophysics and Electronics from the University of Calcutta after which he won an I C I (India) Technical Scholarship and obtained his Ph.D in Semiconductor Physics at the University of Reading, U.K (1961-65). He was Research Associate (1966-70) at the Materials Research Laboratory, Penn State University working on Radiation Dosimetry and Ferroelectrics. He joined the ECE Department at the Indian Institute of Science, Bangalore (1970-77) as Asst / Assoc Professor and worked on Amorphous semiconductors and YIG microwave devices. In 1977 he moved as Professor to the Materials Science Centre I I T Kharagpur (1977 – 1998) where he was Dean Faculty & Planning (1989 -91). He was Principal Investigator of 10 major research projects including the National project on `Semiconductor Lasers` He was also Coordinator of the Photonics Mission at IIT Kharagpur (1989- 96). He was Visiting Professor in the Electrical Eng & Materials Eng Depts at Virginia Polytechnic Inst USA (1985 – 86), Visiting Scientist at MIT, USA (2003) & Visiting Professor Univ.of Puerto Rico (2009, 2013) After retirement he taught `Medical Instrumentation` at USIC Calcutta University (2003- 2012) He was elected Fellow of the Indian Academy of Science, the National Academy of Science and awarded the Ramlal Wadhwa Gold Medal by I E T E. He is Senior Member IEEE, Member APS and MRS. He has authored a number of books including `Materially Yours` a CSIR publication, ` Introduction to VLSI Design and Technology` (with Dr. J. N. Roy), `Semiconductor Materials and Devices` and `Laser Deposition of Compound Semiconductors` (with Dr. Pijush Bhattacharya). He has been Honorary Visiting Professor in the Dept of Physics St Xavier's College, Calcutta since 2013.