

Dr. Sujoy Biswas

Sujoy Biswas is an Associate Professor in the Department of Electronics and Communication Engineering, NITMAS, India. He received the B.Tech, M.Tech and Ph. D degrees from the University of Calcutta, India. He started his professional career as RF Design Engineer in the Birla Group. Since then he was actively involved in design and development of various RF projects for Schomandl (Germany), Indian Defense and Space organizations like DRDO, DEAL, SAC, and ISRO. He has worked on designing various RF subsystems for 3GHz/1GHz signal generators, 1kW power amplifiers, DIFM receivers to name a few.

In 2007, he joined NITMAS (previously the Institute of Technology and Marine Engineering) as a Lecturer in Electronics and Communication Engineering. Presently he is working in the same institute as Associate Professor and Head of the Department of ECE. He has guided several undergraduate and postgraduate research projects and at present is guiding two doctoral research projects. His students from undergraduate level has performed commendably in National and International levels. He has inspired and referred several students to pursue higher education in the fields of electronics in Universities abroad like New York University, Trinity College Dublin, University of Göttingen, University of Windsor to name a few.

Dr. Biswas is a member of IEEE and is the present Vice Chair of IEEE AP-MTT Kolkata Chapter and also served various International Symposia and Conferences in his field as Organizing/Technical/Scientific Committee. He was awarded by the IEEE AP-MTT Chapter of Kolkata for his efforts in organizing a flagship event Indian Antenna Week (IAW) in 2010. He is on the board of reviewers of several international journals including *IEEE Transaction on Antennas and Propagation*, *IEEE Antennas and Wireless Propagation Letters*, *IEEE Transactions on Components, Packaging and Manufacturing Technology*, *Elsevier International Journal of Electronics and Communications*, and *Taylor & Francis Journal of Electromagnetic Waves and Applications*. He has published more than 25 technical papers in international journals and conferences, and a chapter in book entitled **Microstrip and Printed Antennas: New Trends, Techniques and Applications from Wiley, UK**. He also has a patent filed in his area of antenna design.

His present research interest includes application of Defected Ground Structures to printed and dielectric resonator antennas, analysis and characterization of printed antennas for wireless communications, 5G antennas.