

Short-Bio

Dr Balamati Choudhury is working as Senior Principal Scientist at Centre for Electromagnetics of CSIR-National Aerospace Laboratories, Bangalore, India. Her active areas of research and teaching interests are in the domain of: Stealth technologies, Soft Computing Techniques in Electromagnetic Design and Optimization, Computational Electromagnetics for Aerospace Applications, Metamaterial Design Applications, RF and Microwaves. More specifically, the topics of the sponsored projects she has contributed to are, development of Ray Tracing Techniques towards RF Analysis of Propagation in an Indoor Environment, Low RCS design, Phased Arrays and Adaptive Arrays, Conformal Antennas. She was recipient of **ICCCES/ Outstanding Young Investigator Award** for the year 2016-2017 for her contributions in Metamaterial Science by ICCES, USA. She was also the recipient of the **CSIR-NAL Young Scientist Award** for the year 2013-2014 for her contribution in the area of Computational Electromagnetics for Aerospace Applications. Dr. Balamati has authored or co-authored over 310 scientific research papers and technical reports, besides four books, five Springer Briefs and three book chapters. Concurrently she is also contributing to academia being an Associate Professor of AcSIR and has been nominated as Board of Studies member of RVCE by Karnataka Govt.