

## Bio-sketch of Raja Datta, Professor, E & ECE and Head, GSSST, IIT Kharagpur



Raja Datta received his B.E. in Electronics and Telecommunications Engineering from Regional Engineering College (REC) Silchar, presently named National Institute of Technology (NIT) Silchar, in the year 1988. He completed his M.Tech. in Computer Engineering (Dept of E & ECE) and Ph.D in Computer Science and Engineering, both from **Indian Institute of Technology (IIT) Kharagpur**, India. Presently, he is a **Professor** in the **Department of Electronics and Electrical Communication Engineering (E & ECE)** and **Head** of **G. S. Sanyal School of Telecommunication** at **Indian Institute of Technology Kharagpur**. Earlier he worked with North Eastern Regional Institute of Science and Technology, Itanagar, where he was also the Head of the Department of Computer Science and Engineering for several years.

Prof. Datta is a **Senior Member** of **IEEE** and has to his credit a number of publications in high impact factor Journals (that includes IEEE Transactions, IET, Elsevier, Springers, etc.) and International Conferences. He has produced several PhDs and MS students in the area of Computer Communication Networks apart from supervising numerous MTech and BTech projects. He is member of the editorial boards and reviewers of several International Journals and has handled a number of projects funded by MHRD, DIT, ISRO, and Indian Railways. He was the Principal Coordinator of IIT Kharagpur for Train Ten Thousand Teachers (T10KT) Program under NMEICT. He has been consultants to several organizations including Defense Research and Development Organization (DRDO) of India and was also in the core committee for securing Indian National Museum, Kolkata. He has been associated with several Institutes and Universities as examiner, member of Academic Boards, etc.

Prof. Datta was the **Chairman** of **IEEE Kharagpur** section in 2014. He was also the Secretary and Vice-Chair of IEEE Kharagpur Section in 2012 and 2013 respectively. Apart from organizing a lot of activities, the section also received the best small section award in Region 10 during his tenure as an office bearer. From February 2011 he is the **Prof-in-charge** of the **Technology Telecom Centre (TTC)** of IIT Kharagpur. TTC houses a 6000+ line capacity telephone exchange and is responsible for installation and maintenance of the entire voice communication facilities in the campus. TTC got revamped in the last few years and has added several new utility features to the telecommunication network of the campus.

His main research interests include Computer Communication Networks, Network Function Virtualization, 5G Edge Computing, Vehicular Networks, Mobile Ad-hoc and Sensor Networks, Optical Elastic Networks, Inter Planetary Networks, Computer Architecture, Distributed Operating Systems and Distributed Processing.