

Dr. Alok Kanti Deb received the B.E. (Hons) degree in electrical engineering from the Bengal Engineering College, Calcutta University, Howrah, India, and the M.Tech. (Control Engg. and Instrumentation) and Ph.D degrees in electrical engineering from IIT Delhi, Delhi., India in 1994, 1999 and 2006 respectively.

He is currently an Associate Professor with the Department of Electrical Engineering, IIT Kharagpur, Kharagpur, India. He has taught several UG and PG courses and instructed their associated labs, sessionals and seminars in the Electrical Engineering Department like, Electrical Technology, Embedded Systems, Control System Engineering, Estimation of Signals and Systems, Intelligent Control, Industrial Automation and Control, Control Theory and Digital Signal Processing. He has also taught several interdisciplinary courses like Instrumentation and Control (SMST) and Automation and Control (Steel Technology Center). His research interests include control systems, computational intelligence and automotive diagnostics. He has completed research projects with General Motors, USA and Department of Electronics and Information Technology (DeiTY), Govt of India. He is presently involved in research projects with Ministry of Human Resource Development (MHRD), Aeronautical Development Agency (ADA), Bangalore, India, Ministry of Railways, Govt of India and UK India Collaboration in Smart Grids and Energy Storage.

He is a mentor to the *Kharagpur Robo Soccer Students' Group (KRSSG)*. He was the Co-ordinator of the workshops, "*Embedded and Reconfigurable Computing for Control and Signal Processing & Xilinx Embedded Design flow using Zynq and Vivado Design suite*", ATDC, IIT Kharagpur, Jan 6-10, 2014 and "*Estimation and Control: Advanced Theory and Applications*", Dept of Electrical Engg., IIT Kharagpur, Dec 25-30, 2009. He was a organizing committee member of ICIS-2008 & ICPS-2009 at IIT Kharagpur. He is the Chair, IEEE Control System Society, IEEE Kharagpur Section.

He was an Assistant Professor with the Centre for Soft Computing Research, Indian Statistical Institute, Kolkata, India from 2005 to 2007. He served as an Engineer with Calcutta Electric Supply Corporation Ltd., Kolkata, from 1994 to 1997, and was involved in commissioning, maintenance and condition monitoring of turbine-generator sets of various ratings.

Dr Deb received the Student Travel Award from the IEEE Neural Network Society for attending the IEEE World Congress on Computational Intelligence in 2002. He also received Travel Award from the IEEE Computational Intelligence Society in 2014 to attend IEEE Symposium Series on Computational Intelligence (SSCI-2014). He has published several papers in international journals and international conferences, 1 book chapter and co-authored the book, "Industrial Instrumentation, Control and Automation", published by Jaico, Mumbai, 2013. He is the holder of the patent, "STATE ESTIMATION, DIAGNOSIS AND CONTROL USING EQUIVALENT TIME SAMPLING" (US Patent No. – 8,751,097 B2, dt, June 10, 2014). He regularly reviews papers from several journals and conferences.