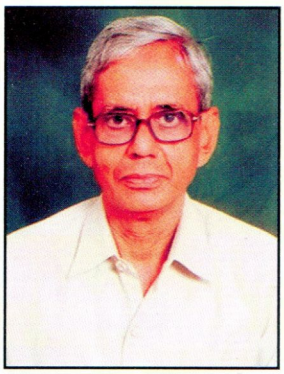
Distinguished Faculty



Prof. Asok Bhattacharyya

Prof. Asok Bhattacharyya joined DCE as a lecturer in Electronics & Telecommunication Engg in 1974 and was promoted to the post of Assistant Professor and subsequently as Professor in 1985 and 1993. He was HOD from 1997 to 2007. He became the Principal of DCE on 1st Jan 2008. During his tenure of Principal of DCE, he started Delhi Government EDUSAT centre at DCE and contributed to formalize the project of Broadband on Power Lines and for the development of VARUN, the underwater automation project. He was Director of DCE from April 2008 to Aug 2008. He started the M. Tech curriculum of VLSI & Embedded System Design and Microwave & optical Communication under Delhi Technological University. He has guided more than 60 M.Tech theses and Ph.D. theses. Prof. Bhattacharyya was HOD in Faculty of Technology of Delhi University for Electronics & Communication Engg from 2000 to 2003.

He holds Bachelor, Masters and Ph.D. degrees in Electronics & Telecommunication Engg. He is a Fellow of IETE, Life member of ISTE and IEEE. He introduced the Student Professional Awareness Conference (SPAC) in 1997 and subsequently Student Professional Awareness Venture (S-PAVe). He started the "TIFAC Center of Relevance and Excellence in Fiber Optics and Optical Communication" under Mission REACH program of Technology Vision 2020, Govt. of India with Prof. R.K. Sinha of Applied Physics.

During his tenure of Professorship he conducted short term courses on Microprocessor and its applications, Advanced Analog & Digital Circuits & System Design, workshop on Digital Signal Processing, workshop on WCDMA by Qualcomm, USA & India, workshop on Java by Sun Java etc. He organized video conferences on LINUX with Mr. Richard Stallman, Founder of LINUX and on Flash Memory and Pentium Chip Design with Mr. Vinod Dham, Founder of Pentium chip, respectively, in conferences of IEEE student branch.

Prof. Asok Bhattacharyya did research work of repute in Digital Electronics & System Design, Analog Electronics & Analog Filter Design, and also on Medical Image Processing in MRI Brain Images and on Camera Sensor Networks in the area of Computer Vision. He published the following research monographs in International Level.

1. "Checking Experiments in Sequential Machines", published in 1989.
2. "Magnetic Resonance Image Analysis through Soft-Computing published in 2009.
3. "Smart Camera Networks", published in 2012
4. International Book Chapter on "Camera Placement for Surveillance Applications", Published in 2011 in Book entitled "Video Surveillance".

Besides his academic interest he has been motivated in Indian Philosophy and cultivating his spiritual quest on the grace of his spiritual guru Dr. Lt. Mahanambrato Bramhachari, a renowned spiritual personality of Bengal. He always advised his students to think in the following manner:

"Buddhi connotes the ripening of knowledge into wisdom. In the present society, the focus of value is on money; but Vedanta attributes all its focus to mankind. When a society overvalues money, it also devalues mankind. The Yoga (the touch of divine) alone can save us from the danger ahead."