

About the Authors

Ashok Banerji is a reputed and skilled multimedia and computer applications professional. He is actively involved in teaching, learning, task performance, and skill development through the use of information and communication technology. His areas of interest include e-learning, educational technology, simulation-based training, Electronic Performance Support Systems (EPSS), and just-in-time skill support. He is a leading proponent of the EPSS concept and has presented the first PhD dissertation on the topic at the University of Teesside, UK as a member of Interactive Systems Research Group. Currently, he is a member of EdD and MEd Program Committees of Jones International University, Colorado, USA—the first accredited “University of the Web”.

For the last eight years, Dr Banerji is teaching postgraduate courses in new media, communication technologies, e-learning, multimedia and instructional design courses including Corporate Training and Knowledge Management degree. He was a Senior Lecturer, Interactive Multimedia Centre in Singapore Polytechnic, Singapore where he introduced several courses on Multimedia design and applications, and Multimedia in Business course for Advanced Diploma in Business Information Systems. He spearheaded several R&D projects at the Educational and Staff Development department and Marine Engineering department of Singapore Polytechnic with several million dollar funding support from the National Science and Technology Board of Singapore. He was a consultant for International Telecommunication Union (ITU) and served as an Adjunct Professor in multimedia technology at several engineering colleges in West Bengal; and Consultant cum Faculty for BEd Educational Technology course for teachers of Council for The Indian School Certificate Examinations. He has also worked as Director of Performance Consulting in a software firm in Virginia, USA—providing EPSS and training/consulting support.

He has provided consultancy to several industries and has over forty five publications as chapters in books, as papers in international journals and conferences in UK, USA, Australia, Germany, Singapore, Malaysia, Beijing, Thailand and India. He has also authored several e-learning courses for the university.

Ananda Mohan Ghosh is a leading computer science and engineering professional, and a teacher whose academic interest spans in specific areas like Digital Control, Object Technology, Artificial Intelligence, Database Management and Computer Networking. He retired as a Professor of the Department of Computer Science & Technology, Bengal Engineering College (currently Bengal Engineering and Science University), Shibpur, West Bengal, India. Established in 1857, the Bengal Engineering College is the second oldest institution in India offering graduate and postgraduate engineering education. Prof. Ghosh was the founding professor and the key person behind setting up the Computer Science and Engineering Department of BESU. Currently, he is a member of advisory committees of various Engineering colleges in West Bengal.

He was involved in framing syllabi and course structures of Computer Science & Engineering, Information Technology for BE/BTech as well as MCA programs of several universities. He was also involved in framing syllabi and development of study materials for Computer Applications and Computer Science subjects recommended by the Secondary and Higher Secondary Board/Council of the State of West Bengal.

As the chief investigator, Dr Ghosh coordinated several GOI and AICTE sponsored research projects and conducted a good number of Technical Teachers’ Training Programs under QIP, IMPACT and CLASS projects. He has successfully guided eight PhD theses and published more than fifty technical papers in various national and international journals/conference proceedings. He was awarded the Distinguished Engineer of the Year 2001 by the Institute of Engineers (India) on the occasion of its 6th National Convention of Computer Engineers where he delivered the Ramanujam Memorial Lecture on Information Technology. After his retirement, he extended his services to quite a few public and private funded Engineering Colleges as a Visiting and Consulting Professor.