



Dr. Ashok Chandra, an Indian Engineering Services officer of 1976 batch did his Post graduate in Electronics and PhD in Electronics and Doctorate of Science (D.Sc.) in Radio Mobile Communications. He has worked as a Guest Scientist on DAAD Fellowship at the Institute of High Frequency Technology, Technical University (RWTH), Aachen, Germany during 1995 and 1999. During 2002, worked as a Guest Scientist on DAAD Fellowship at Bremen University, Bremen (Germany), where he undertook a series of research studies in the area of radio mobile communications. Dr. Ashok Chandra is having Technical Experience of about 35 years in the field of Radio Communications/Radio Spectrum Management including about 7 years of experience dealing with Technical Education matters of Indian Institutes of Technology (IIT), Indian Institute of Science (IISc) etc. particularly their various research projects also in the areas of telematics/radio communications and presented over 25 research papers at various International Conferences in the areas of EMI, Radio Propagation etc.

He had played a key role in the establishment of new Indian Institutes of Technology, Indian Institute of Management and Indian Institutes of Information Technology. He has visited various technical Institutions and Universities namely Technical University of Aachen, Germany; Aalborg University, Denmark; Bremen University, Germany; and University of Lisbon, Portugal etc. and took several lectures in the area of radio mobile communications at Bremen University and Aalborg University. He has chaired various Technical Sessions at the International Conferences on Wireless Communications. He played a pivotal role in auction of 2 G, 3 G and Broadband Wireless Access (BWA) spectrum.

Dr. Chandra recently superannuated from the post of Wireless Adviser to the Government of India. In his responsibility as Wireless Adviser, he was associated with spectrum management activities, including in spectrum planning and engineering, frequency assignment, frequency coordination, spectrum monitoring, policy regarding regulatory affairs for new technologies and related research & development activities, etc. He was Project Director of very prestigious World Bank Project on “National Radio Spectrum Management and Monitoring System (NRSMMMS)”. This project includes automation of Spectrum Management processes and design, supply, installation/ commissioning of HF/VHF/UHF fixed monitoring stations; V/UHF mobile monitoring stations; and LAN/WAN communications network etc.

A need was felt that institutions of excellence like IITs and IISc Bangalore need to concentrate on technology assessment and forecast so that futuristic approaches could be reoriented to take up the development of emerging science and technology in the country. Considering this the Planning

Commission identified seven generic areas of strategic significance in a mission mode with the participation of industries. Dr. Chandra was instrumental in the implementation of this scheme. Under this scheme, one IIT/IISc was identified as a lead institution and two institutes as participating partners with the involvement of industry in each generic area.

He served as a Vice-Chairman, Study Group 5 of International Telecommunications Union (ITU)-Radio Sector. He has represented India to a large number of ITU meetings including World Radio Conferences (WRC). He served as Councillor from Indian Administration in ITU Council.

Currently Dr. Chandra is Adjunct Professor at the Indian Institute of Technology (IIT), Bombay.

His area of interest includes Technical Education, Radio Regulatory affairs for new technologies, Radio mobile communications, radio noise, TV White space, dynamic spectrum management, Cognitive Radio, radiowave propagation measurements & simulation, and auction of spectrum etc. .