



**Prof. A. K. Gwal**

**Member**

Professor & Head, Physics Deptt.  
Bharkatulla University, Bhopal (M.P.)  
Ph. 09229589883  
E-mail: ak\_gwal@yahoo.co.in

Dr. A. K. Gwal has done M.Sc. (Physics) in 1970 from Banaras Hindu University, Varanasi. Consequently, he was awarded Ph.D. degree in Physics in 1977 for his scientific contribution in the area of Space and Plasma Physics. In continuation, he worked as a post doctoral fellow in the same field. In 1979, he joined Indian Institute of Technology, Kharagpur as a Scientific Officer and worked in the area of Antenna theory and designs. In 1981, he left for Canada on a Visiting Scientist Fellowship of Natural Science and Engine Canada, where he was involved in the problems of plasma instabilities and their applications in the magnetosphere using satellite data. On return from abroad in 1983, he joined Indian Institute of Technology, Delhi, as a Pool Scientist (CSIR) and worked on lasers and their applications to materials till 1987. In 1987, he joined Barkatullah University, Bhopal as a lecturer. He established the Space Science Laboratory in this department. Subsequently, he became Reader in the year 1991 and Professor in 1999. He had the honour of being the first Head of the Electronics Department on its independent inception in the year 2001. Presently he is carrying tremendous academic and administrative responsibilities as Head of the Department, Dean Faculty Sciences and member of the Executive Council, the apex body of the university. Dr. Gwal is a member of various scientific societies, viz. Indian Physics Association, Plasma Science Society of India and American Geophysical Union (USA). To his credit several distinctions, abroad visits. He has published 72 papers in various national/ international journals, presented more than 140 papers in the conferences and co-authored 03 books. His academic dynamism is evident from the network of worldwide collaborations and the large number of research projects being handled by him. Till date he has successfully guided 12 students for their Ph.D. and many more for the M.Phil. degrees in the related areas of research.