



**Prof. Avinash Chandra**

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Prof. Avinash Chandra received M.Sc., M.Phil and Ph.D. degrees from AMU, Aligarh and joined the Physics Department at IIT Delhi as Senior Scientific Officer. With the establishment of Centre for Energy Studies at IIT Delhi, he joined the Centre as Lecturer in 1977 and held various positions like Assistant Professor and Chief Scientific Officer. He had been Coordinator of interdisciplinary M.Tech. programme in Energy Studies and Energy Environment Management during 1997 – 2000; Chairman. Centres Research Committee (2002-2004) and Head of the Centre during that period. He has also coordinated National Renewable Fellowship programme during 2004-2005. He has worked extensively on Physics and Engineering of MHD channels to be retrofitted in thermal power stations. His present interest also lies on the solutions of particulate control in coal based thermal power plants using electrostatic precipitators (ESP). A state of art National facility has been developed under him on Ash Resistivity measurements and its application to ESP performs in collaboration with National Energy Technology (NETL), USA and National Thermal Power Corporation (NTPC) India. He has provided consultancies to many public and private sector companies like BHEL, India; NTPC, India; LG Electronics, ALSTOM Power boiler, IARI Pusa, Delhi to name a few in the field of ESP, MHD, Plasma devices, Energy Conservation etc. He has guided over 50 students for their M.Tech. and Ph.D. dissertations. His work has appeared in more than 100 international journal papers and international conference presentations. He had overseas assignments at University of Sydney, Australia, Ecoles de Mines, Nantes, France and Southern Research Institute, Alabama USA.