

Dr LALIT MOHAN MANOCHA, FNASc, FGSA, FAPAM

Dr Lalit Mohan Manocha, F.N.A.Sc, FGSA, FAPAM is currently associated with UGC-IUAC New Delhi and DMSRDE Kanpur as well as many other Universities as Adjunct Professor. Prior to this he has been the Professor and Founding Head, Department of Materials Science (1990-2014), Coordinator, UGC Centre for Advanced Studies in Materials Science, Dean, Faculty of Science and Technology (2006-2012), Sardar Patel University, Coordinator, SICART, Gujarat; Sr. Scientist and Assistant Director, at CSIR-NPL (1978-1990), New Delhi. He is Elected Academician, World Academy of Ceramics. He has been member on various academic bodies of several Universities and apex committees of UGC and DRDO. He obtained his Ph.D. in Science in 1976 from Delhi University for his work on Development and Characterization of carbon Fibers while at NPL. His first Post Doctoral was at Institut Chemische Technik, University of Karlsruhe Germany during 1977-78 as Alexander von Humboldt Fellow wherein he worked on Development of Carbon-Carbon composites. Later on he had JSPS Fellowship at Tokyo Institute of Technology during 1985-86, Foreign Professor at TIT during 1998, UNIDO Expert to S.Korea in 1991, NSF visits to Clemson University since 2003 and so on. He has undertaken many National as well as International projects with USA, Germany, France, Japan, Korea and Russia in the area of Advanced Carbon materials and composites. He has been member on the DRDO Working Task Team for Development of Advanced Carbon/Carbon composites and related materials under chairmanship of Dr.A.P.J. Abdulkalam. He developed many technologies for solid and porous carbon materials, ceramics and composites for Defence, Aerospace and Nuclear applications. He has 4 patents to his credit and has published more than 150 research papers in International journals, Three chapters in Encyclopedia of Materials and four books. His main Research & Development interests had been in the field of Carbon fibers and carbon-carbon and Carbon-Ceramic composites; Processing, Structure, properties relationship and Development of carbon nanomaterials. He is on the advisory board of several National/International organization. He has been member of NAAC teams, UPE Advisory Committees (BHU, Mysore, Osmania, Pune,) and Project committees of UGC, DRDO, Member on court of several Universities etc. He was a member on the Editorial Board of International Carbon Journal (IF 6.0) and is currently on the Editorial Board of Journal of Association of Asian Ceramic Societies (Japan), Carbon Letters (Korea), Eurasian Chemico_Technological Journal (Kazakhstan), Journal of Nanoscience and Composites (Russia), etc. He is recipient of CSIR Technology Prize, Homi J Bhabha Award of UGC, MRSI Medal, Dr. Vikram Sarabhai Award, Gujarat, 2011 Bridge Building Award of Engineering Ceramic Group of American Ceramics Society and 2011 Superconductivity and Materials Science Prize of MRSI etc. He had been Sectional President (Materials Science) ISCA, Chairman, MRSI (Gujarat chapter) and is Senior Vice President of Indian Carbon Society and Indian member on Association of Asian Carbon Groups.