



Dr. Malhotra received B.Tech Mechanical Engineering degree from IIT BHU and Ph.D. (Energy Studies) from IIT Delhi. He is a distinguished Energy professional with expertise in Energy & Environment areas including Renewables, Bio-fuels & Hydrogen. He has over 47 years of experience which included long tenure of 37 years at Indian oil Corporation, where he was Board Member for four years as Director R&D & held charge for some time as Chairman before his superannuation. Subsequently he served for nearly 6 years as Director General, Federation of Indian Petroleum Industry.

He is presently Visiting Professor in the Department of Sustainable Energy at IIT Roorkee for last few months. Prior to this he served as Professor of Practice in the Department of Energy Science & Engineering at Indian Institute of Technology, Delhi for 2 years. He is also the Co-founder & Director of a Startup, Carbon U Turn Technologies Pvt. Ltd.

He is currently member of several important national committees i.e. Expert Member in the Cabinet Empowered Group of Green Hydrogen Mission of the Govt of India. He is also Chairman of the Central Pollution Control Board Committee for formulating Emission Standards of Gensets. In addition he is Member of the Scientific Advisory Council of Petroleum Ministry, Member of the Research council of Indian oil and Member of the Academic and Research Council of University of Petroleum & Energy Studies. In the past he has served on various policy making committees related to Fuel Quality, alternative fuels and environment.

On professional front he has been very actively associated with several bodies. He is presently the President of the Hydrogen Association of India. In the past he has been the President of the Indian Chapter of International Council of Combustion Engines (CIMAC), President of the Society of Automotive Engineers (SAE) India, President of the Tribology Society and Indian Chapter of National Lubricating Grease Institute, USA.

He has Published/presented over 200 research papers & has 138 patents GRANTED in India & abroad.

He received prestigious Rudolf A. Erren Award from the International Association of Hydrogen Energy for contribution to Hydrogen research, "Global Excellence Award" for work in Renewable energy sector, IIT-BHU Alumni Award for excellence in R&D. Life time achievement awards from SAE India, NLGI India amongst many more. Under his leadership Indian Oil R&D received several prestigious awards from National and International agencies.