



Curriculum Vita of Prof. Dr. Mubarak Ahmad Khan

Dr. Mubarak Ahmad Khan is former Chief Scientific Officer (CSO) and Director General of Bangladesh Atomic Energy Commission. He is now working as Scientific Advisor of Bangladesh Jute Mills Corporation, Ministry of Textiles and Jute. He is working in several promising areas of nanotechnology, material science, biodegradable polymers, biomedical science, applied science etc. His focus is to develop sustainable technologies for related to environment and human health. He worked in Germany as German Academic Service (DAAD and AvH fellow, in Japan as JSPS and MIF Fellow, in USA (Michigan State University) as visiting scientist, in Australia (University of New South Wells) as IAEA fellow. He is a part time Professor of Dhaka University, Department of Nuclear Engineering and visiting professor and examiner of various universities of Bangladesh. His name was published Who's Who in the World 1998. He is also selected as a Fellow of IUPAC. He is author/co-author of above 600 (his research work has 11995 google scholar cited and 44.44 in ResearchGate point on 03 August 2022). publications including 21 book chapters and three patents. He supervised more than 300 M.Sc. 8 M. Phil and 22 PhD students. He has invented biodegradable polybag (Sonali Bag) from jute, advanced wound dressing material from cow bone, liquid bio-fertilizer from textile effluent, natural plant growth promoter from prawn shell etc. He is also the inventor of Jutin (Jute Reinforced Polymer Corrugated Sheet), the outstanding housing material from jute plastic composite. He received several national and international awards such as Bangladesh Academy of Science Gold Medal (2010), National Jute Award (2017), Federation of Asian Chemical Society (2017), National Environment Gold Medal Award 2019, Pollima Green Gold Medal Award 2019 and especially he has got MIT Solve "Health Security and Pandemics" Challenge in 2020 with a proposal for Environmentally Friendly Personal Protective Equipment. for his remarkable contributions to scientific community. At present he is the number one scientist in Jute sector all over the World with respect to international publications cited by Scopus. He is also selected as Fellow IUPAC. He was born in Manikganj, Bangladesh on 31st January 1958.