

PROF. DR. M. FEROZE AHMED



Professor Dr. **M. Feroze Ahmed** achieved excellence in teaching, engineering profession and scientific research and earned national and international recognition and awards as an eminent professor, a civil/environmental engineer and as a scientist. Professor Ahmed completed his matriculation from Ulpur P.C. High School, Gopalganj in 1962 and intermediate education from Rajendra College, Faridpur in 1964. He earned his bachelor and Master's degrees in civil engineering from Bangladesh University of Engineering and Technology (BUET). Later he went to the UK on a Commonwealth Scholarship and earned PhD from the University of Strathclyde, Glasgow.

Professor Ahmed joined the Department of Civil Engineering as a Lecturer in 1969 after graduation in 1968 and became Assistant Professor in 1973 and Associate Professor in 1977. He became a professor of civil engineering in 1986. While Prof. Ahmed worked at BUET, he served in many administrative positions. He was the Head of the Department of Civil Engineering (1991 – 1993), Director of Planning and Development Directorate, BUET (1993 – 1996), Manager of BUET-UA (University of Alberta) Institutional Linkage Project, Director of International Training Network (ITN) center at BUET (1996-2003) and Dean of the Faculty of Civil Engineering (1996-1998). Prof. Ahmed worked as a member, then vice-chairman and chairman of Dhaka WASA Board, Chairman of Civil Engineering Division, Bangladesh Standard and Testing Institute (BSTI) and Convenor of Building Services, Bangladesh National Building Code (BNBC). He retired from BUET in 2011 and was appointed as Dean of Engineering Faculty in 2012 and then Vice-Chancellor of Stamford University Bangladesh in 2013 and served for 1 term of 4 yrs. till 2017. He is now the [Emeritus Professor](#) of Stamford University Bangladesh. He was also a visiting professor at University of Strathclyde, UK.

He conducted 10 sponsored research projects mostly as team leader and significantly contributed toward enhancement of scientific knowledge and technological innovation. In addition, he supervised over 30 research works for postgraduate theses for the award of PhD and MSc engineering degrees. He coordinated collaborating research on [arsenic contamination](#) of groundwater with Massachusetts Institute of Technology (MIT, USA), University of Cincinnati (UC, USA), Columbia University (USA), United Nations University (UNU), Swiss Federal Institute of Aquatic Science & Technology (EAWAG) and University of Miyazaki (Japan). Professor Ahmed authored 150 publications in international, national journals and conference proceedings including 2 papers in “*Science*”, the world's top ranked publications reputed for disseminating scientific discoveries. His publications have over 6,500 [citations](#) in scholarly literature (*Google Scholar Citations*), and the number of citations is increasing every year. He also authored and edited 20 books and conference proceedings, cataloged is [154 libraries](#) all over the world. He contributed towards updating WHO “*Guidelines for Drinking-water Quality*” as an expert and wrote arsenic mitigation section to World Bank publication “*Towards a More*

Effective Operational Response – Arsenic Contamination of Groundwater in South and East Asian Countries”. These two publications are extensively consulted in UN member countries to developing national standards and helped millions of people to get safe drinking water.

Professor Ahmed, apart from academic activities, is actively involved as an expert in engineering projects. He worked as a consultant/advisor to about [25 projects](#) of national importance. The projects include design of buildings, bridges, water and sewage treatment plants, EIA, SIA, preparation of master plan, environmental management plan, guidelines, and manuals. He was one of the pioneers of high-rise building construction in Bangladesh and sanitation movement in South-Asian countries. He was a member of the International Panel of Experts, the highest technical decision panel, for the design and construction of mega-infrastructure development projects like Bangabandhu bridge on the river Jamuna and presently working as member, Panel of Experts for the construction of Padma Multipurpose Bridge.

Professor Ahmed has high level of acceptance as a resource person within as well as outside the country. He delivered about 90 invited/keynote lectures in the regional and international events in 28 countries and over 75 lectures in important national events to [disseminate and share knowledge](#) and research outcomes. As a member of high-level Bangladesh delegation, he spoke at a United Nations side event on *“innovative approaches to sanitation and learning from Bangladesh”* at UN Secretariat in NY, USA in 2018.

Prof. Ahmed received ***Dr. Rashid Memorial Gold Medal*** from BUET in recognition of excellence in teaching and research in 1998, ***IEB Gold Medal*** by the Institution of Engineers, Bangladesh in 2004 in recognition of services to the nation and engineering profession and ***Bangladesh Academy of Science (Dr. M.O. Ghani Memorial) Gold Medal*** in 2007 for contribution to the progress of science and technology. He was the first BUET Coordinator of BUET-MIT(USA) research Group, which received ***Prince Sultan bin Abdul Aziz Prize for Water*** for solving the puzzle of arsenic contamination of groundwater. American Chemical Society (ACS) published a ***Periodic Table*** on 80th anniversary of the society citing the works of a contemporary world-renowned scientist under each element of the Periodic Table in his area of research. ACS recognized Prof. Ahmed as a leading scientist in the field of arsenic research by publishing his works and views on arsenic contamination under the element *Arsenic* in that [Periodic Table](#). Prof. Ahmed received ***Asia Education Leadership Award 2016*** for exceptional leadership quality and achievements at 7th Asia’s Education Excellence Award program at Pan-pacific Marina Hotel in Singapore.

Professor Ahmed is a Fellow, Bangladesh Academy of Sciences (FBAS), Fellow, Institution of Engineers, Bangladesh (FIEB), Life Member, American Society of Civil Engineers (MASCE), Indian Association for Environmental Management (IEM), Bangladesh Association for Advancement of Science (BAAS) and many other national and international professional bodies and societies.