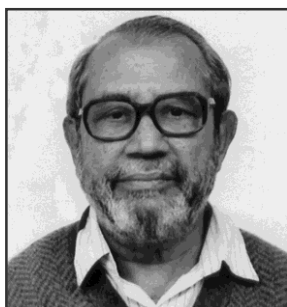


Obituary



Late Professor Dr. M.A.M. Muhtasham Hussain
(1929-2021)

Professor M.A.M. Muhtasham Hussain was born on August 1, 1929 in Kolkata, India. His father was Late Prof. Qazi Akram Hussain and Mother Late Amena Sharfunnessa.

Elementary education of M Hussain was in 'Sakha Masterer Pathsala' in Alipore. Kolkata. This led to studies in Chetla Boys H.E. School, Alipore from 1937 to 1940. In 1941 he entered Rajshahi Collegiate School and in 1945 he passed Matriculation Examination from this School in the First Division securing a First Grade Scholarship. Then he entered Rajshahi College and passed the I.Sc. Examination in 1947 in the First Division again securing a First Grade Scholarship. In 1950 he got a first Class honours degree in Physics from Dhaka University and was awarded the Raja Kalinarayan Scholarship for standing first in the faculty. Next year, he passed the M.Sc. Examination from the Dhaka University in the First Class. In 1960 he received Ph.D. degree from the University of Liverpool, England.

The area of research for Ph.D. degree of Dr. Hussain was Particle Physics and he studied Muon decay characteristics using the Liverpool Synchro-Cyclotron. Later, he spent two one-year terms at the Atomic Energy Research Establishment, Harwell, England where he worked in Nuclear Physics with Van de Graaff Accelerators.

For a good number of years since 1964 Dr. Hussain worked with the newly built 3 MeV Van de Graaff Accelerator at the Atomic Energy Center, Dhaka and concentrated his research activities in the field of Neutron Physics. He later started in the University of Dhaka to work in the field of elemental analysis using X-rays and neutrons from radioactive sources. For the last several years of his career his main interest had been in the fields of Solar and Wind Energy. He established the Energy Park of the Renewable Energy Research Centre, University of Dhaka and devoted himself to research and demonstration activities there.

In 1952 Dr. Muhtasham Hussain was appointed a Lecturer in Physics at the University of Dhaka. In 1960 he became a Reader in Physics and in 1970 a Professor of Physics. In 1984 he was appointed the Bose Professor of Physics. He was the Director of the Renewable Energy

Research Centre, Dhaka University from 1983-1990 and the Dean of the faculty of Science, 1983-1985. He retired from the University in 1990 and was reappointed for a further period of five years.

Dr. Muhtasham Hussain has to his credit over 100 international and national publications mainly in the fields of Particle Physics, Nuclear Physics and Renewable Energies.

Dr. Muhtasham Hussain was the Founder Editor of *The Physicist*, Journal of the Physical Society of Bangladesh and was a member of the Editorial Board of The Journal of Bangladesh Academy of Sciences and of Dhaka University Studies for a number of years.

Professor Hussain visited a number of research institutions and various countries including England, France, Germany, Italy, USA, India, Thailand, Sri Lanka and China.

Professor Hussain has been elected a Fellow of the Bangladesh Academy of Sciences and of Bangladesh Physical Society. He was the President of the Bangladesh Physical Society for 1987 and 1988 and was the President of Bangladesh Solar Energy Society for a number of years since 1991.

Professor Hussain was a very dedicated teacher and a brilliant researcher. He was very polite, amiable and very favorite teacher to his students and to his colleagues as well.

On the sad demise of Professor Hussain, the country has lost a valued scientist and the nation a great son. The Fellows of the Academy expressed heartfelt sympathy to the members of the bereaved family and prayed to the Almighty Allah, the Most Gracious and the Most Merciful, to grant eternal peace to the departed soul of late Professor Muhtasham Hussain and to give strength and courage to the members of his family to bear the loss with fortitude.

Mesbahuddin Ahmed