

Contribution to Dhaka University

By

Dr S Rafi Ahmad;

Rtd. (1995) as Head, Centre for Laser Spectroscopy, Cranfield University.

Studentship: at the Physics Department (Curzon Hall) during 1961-1965 and resident of FH Hall)

Lecturer: Physics Department (Deputation from the AEC): June – Oct.; 1966.

- **Programme: Transfer of Technology through Expatriate Nationals (TOKTEN); September – October; 1993.**
 - Role: Consultant at the Physics department.
 - Financial Sponsor: United Nation Development Program.
 - Project: Advice and technical/scientific assistance to formulate a teaching module on Spectroscopy and establish a Dedicated laser Spectroscopy Laboratory.
 - Outcome: A short module for M Sc. Course and the start of a dedicated laboratory at the Centre of excellence within the Physics department.
- **Programme: International Cooperation with Devolving Countries (InCo-DC); Jan. 1994 – Dec. 1997.**
 - Role: Co-Ordinator & Chief R & D provider
 - Financial Sponsor: European Commission under Int. Sc. & Tech. Cop. Scheme (CI 1-CT93-0088).
 - Project Title: Radiation Induced Graft modifications of Jute Fibres.
 - Outcome: Provide training and research facilities (leading to PhD studentship under Dr S R Ahmad) for student and member of staff from Dhaka University and an establishment of R&D facilities at the DU under the supervision of Prof. Mannan and later under Prof. Yusuf Hyder. Resulted in several publications in major journals and an exploitation protocol for the modified jute.
- **Programme: International symposium jointly sponsored by DU and the Dhaka Medical University; Oct. 4th - Oct. 10th Application of Science and Technology in Medicine**
 - Role : Invited Speaker and consultant to medical R&D at the
 - Outcome: Establishment of liaison for R& D cooperation between Dhaka University, Apollo Hospital, Dhaka medical University and Cranfield University.
- **Programme: Appointment as Hon. Chief Scientist /Professor at the Centre of Advanced Research in Physical, chemical and biological sciences, in Dhaka University; Nov. 2006 – Nov. 2008**
 - Role: R & D Collaboration with members of staff (Prof. Yusiuf Hyder) of the Centre of excellence within the Inst. Initiation of joint R&D programme with BIRDEM (Prof Azad Khan and AEO (Prof Ibrahim).

- Outcome: Publication of scientific papers and dissemination of joint R&D results to learned societies through presentations of scientific papers. Represented DU in International conferences and initiated future R&D collaborations with the CU, UK.

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N B. The founding general Secretary of the then 'Pakistan Humanist Society', in 1964 with Akhturuzzaman Ilyus, Aminul Islam Bedu, Mushfique Ahmad and, a few others); which has later been renamed as ' Bangladesh Humanist Society'

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