

8Th Khwarizmi International Award

Feb 1995



Researcher: Noor Mohammad Butt

Country: Pakistan

Research Title:

- 1- Compilation of Debye-Waller factors of cubic alloys and non-cubic materials
- 2- Correlation of micro to macro properties of cubic materials

Rank: First Joint

Field: Basic Sciences

Dr. N.M. Butt was born in Sialkot, British Punjab, in 1936. He had received his BSc in Applied Physics from Punjab University in 1955. In 1957, he completed his Master of Science (MSc). His master's degree's thesis was written on "The nuclear reactions when the protons from this accelerator strike the nuclear target of lithium produce a nuclear reaction, breaking the atomic nucleus of lithium". In 1961, he won a Commonwealth Scholarship and the Pakistan Atomic Energy Commission Scholarship to pursue his doctoral studies in the University of Birmingham. In 1967, he received his Doctor of Science (D.Sc.) in nuclear physics. He joined the "Department of Nuclear Physics", Birmingham University, where he earned the degree of Doctor of Philosophy (D.Phil.).

Butt joined the Pakistan Atomic Energy Commission (PAEC) in 1961 as a "Principle Scientific Officer" (PSO). In 1983, Butt was a part of teams of scientists that witnessed at first hand the cold test of a nuclear device near the Kirana Hills. In 1984, he was promoted and became an "Associate Director (AD)" of PINSTECH, and was responsible for the research undertaken in the institute. In 1991, Butt was appointed and became director (or Deputy Director-General) of the PINSTECH institute, and in 1995, Butt was elected and became a President of Pakistan Nuclear Society (PNS).