

## **CRYSTALLOGRAPHIC TEXTURES IN THE STUDY OF ADVANCED MATERIALS**

I would like to talk for about a couple of hours. The lecture will deal with the fundamentals of crystallographic textures and their possible applications in research and industry. The applications will be illustrated by taking a few specific case studies.

### **SHORT BIO-DATA:**

B.E. Calcutta University 1964

M.E. Calcutta University 1966

Ph.D. Calcutta University 1973

Ph.D. University of Birmingham 1973

### Professional career:

Faculty, Bengal Engg. College, Shibpore (1967-1977)

Faculty, IIT Kanpur (1977-2005)

Visiting Scientist, R&D, Tata Steel (2005 till today)

### Awards etc.:

Best Metallurgist Award (Govt. of India); GD Birla Gold Medal (Indian Inst. of Metals); National Metallurgist Award (Govt. of India).

Commonwealth scholarship, Alexander von Humboldt Fellowship, International Scientific Exchange Award (Canada).

### Fellow of:

Indian National Academy of Engg.

Indian Institute of Metals

Institution of Engineers, India

Research interests: Crystallographic textures,; Alloy steels.