

## BIO-DATA



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**Designation & contact details** : Professor, UGC-BSR Faculty,  
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**Date of Birth & Nationality** : 21-04-1955 & Indian

**Field of specialization** : *Theory*: Statistical applications in Crystallography,  
Direct methods for medium sized molecule and macromolecule, Structure based drug design

### Experimental:

Crystal structure analysis of active compounds from herbal plants; Three dimensional structure determination of small and macro molecules

The number of students who have been awarded Ph.D degree : 36

The number of students being guided for Ph.D : 9

Total no. of Papers Published : 538

### Awards/Distinction

i) University Grants Commission Career Award in 1994 ii) Tamilnadu Scientist Award (TANSA) in 2007 iii) Cited in Position 8 among the 23 Most Productive Scientists from India- SCOPUS International Database survey 1996-2006

**\*\*\* 4 years post-doctoral experience with the Nobel Laureate (1985) Prof. H.A.Hauptman**

**Countries visited:** USA, Canada, UK, Germany, Italy, China, Japan, Singapore, Malaysia, Egypt (as visiting scientist)

### Collaborative Projects:

i) DBT: Indo-Germany, ii) DBT: INDO-European, Luebeck University, Germany (Design of Anti-Virals for Dengue and Chikungunya Viruses), iii) DBT: Twinning projects with North-Eastern Universities: Shillong (NEHU), Tezpur and Mizoram.

### Membership in Professional Bodies:

i) Life member in Indian Crystallographic Association ii) Life member in Indian Biophysical Society iii) Life member in Indian Science Congress iv) Former Executive Committee member of Indian Crystallographic Association v) Former Executive Committee member of Indian Biophysical Society vi) Former Vice-President of Indian Biophysical Society

### Conferences

i) Convenor/Co-convenor of various National and International conferences/Seminars/Workshops ii) Convenor of six International Conferences on "Recent Trends in Macromolecular Structure and Function" iii) Convenor/Secretary in many National conferences in Crystallography iv) Director in many Hands-on training workshops on crystal structure determination of molecules.

**Many projects handled from UGC, ICMR, DST, DBT, CSIR**