

Curriculum Vitae of Prof. SHIVA PRASAD



Educational Qualifications:

1. M.Sc.(Physics) from IIT Delhi in 1973
2. Ph.D. from University of Delhi in 1978

Post-Doctoral Research:

1. At Laboratoire de Magnetisme, CNRS, Bellevue, France, 1977-79 as a French Govt. Fellow.
2. At California Institute of Technology, Pasadena, USA, 1979-80 as IBM Research Fellow.

Posts held:

1. Joined IIT Bombay on 03.10.80, **Professor** since 6.11.90
2. The **Director** of "Indo-French Centre for the Promotion of Advanced research" from 2005-10, while on lien from IIT Bombay.
3. **Institute Chair Professor** from 5.4.2010 to 4.4.2013 and from 13.8.2014.
4. **Dean (Academic Programmes)** of IIT Bombay from 1st December 2010 to 13th March 2014.
5. **Professor-in-Charge**, New IIT Mentoring Cell mentoring IIT Goa and IIT Dharwad

Research Activities:

- More than 120 publications in the peer reviewed journals.
- So far guided or co-guided 18 Ph.D. students (excluding two who are in final stages) and a very large number of Masters and Bachelor students.
- Handled multiple sponsored projects from National and International Agencies

Areas of Research Activities:

- Magnetic properties of Ferrite Thin Films
- Magnetic and Electrical Properties of Magnetic Thin Films and Multilayers in general
- Ferromagnetic Resonance in Magnetic Thin Films, Multilayers and Ribbons
- Materials for Magnetic Recording Applications
- Magnetic Properties and Electrical Transport in Amorphous Magnetic Materials
- Microwave Properties of Ferrites

Awards:

- **Best Teacher Award** in 1999 by IIT Bombay.
- **Best Teacher Award** again in 2003 by IIT Bombay
- Awarded "**Officier des Palmes Academiques**" by the French Government in Nov. 2007
- Awarded "**Chevalier de la Legion d'Honneur**" by the French Government on July 14, 2011

Administrative responsibilities in IIT Bombay:

- Held the position of **Dean, Academic Programmes** in IIT Bombay from 1st December 2010 to 13th March 2013.
- **Head**, Physics Department, I.I.T. Bombay from 1996-99 and again from 2004-05.

- **Chairman** of GATE'96 and **Vice-chairman** of GATE'94. GATE (**G**raduate **A**ptitude **T**est in **E**ngineering) is an all India examination conducted by IITs on behalf of Ministry Of Human Resource Development, Government of India. The scores of this examination is used for providing the admission and scholarship to the various post-graduate programs within India.

International Assignments:

- “Chercheur Associe” in CNRS Bellevue, **France** for three months from 1st September 1985 to 30 November 1985.
- “Gledden Visiting Senior Fellow” in University of Western Australia, Perth, **Australia** from 15th August to 15th December 2003.
- “Visiting Professor” in University of Illinois, Chicago, **USA** from 1st June 2003 to 31st July 2003, from 1st June 2004 to 31st July 2004 and from 1st June 2005 to 31st July 2005.