

Bio-data of Prof. S.M. Shivaprasad *Ph.D, D.Sc*



Director

Karnataka State Higher Education Academy, Dharwad

and

Professor, International Centre for Materials Science

Jawaharlal Nehru Centre for Advanced Scientific Research

Jakkur, Bangalore

Personal: Professor S.M. Shivaprasad was born in Bengaluru in 1957 and is the son of the literary couple Late Prof Vrushabhendra Swamy and Late Prof Lalithamba Swamy of Karnatak University, Dharwad.

Scholastic (Karnatak University, Dharwad):

- B Sc (Physics Major): First Class
- M Sc (Solid State Physics): First Class
- Ph D (Thin Films)
- Post-Doctoral Studies: CSIR fellow at IIT-Delhi and Commonwealth Fellow at Univ of Sussex, UK
- D Sc (Honorius Causa) VSK University, Ballary.

Professional:

- **Masters and Ph D:** M.Sc (1979) Ph.D (1982) in Solid State Physics from Karnatak University, Dharwad.
- **Post-doctoral research:** Indian Institute of Technology, Delhi and
- **Post-doctoral research:** University of Sussex, UK
- **Scientist:** National Physical Laboratory, New Delhi, 1985 to 2007 (Chief Scientist and Head, Surface Physics and Nanostructures Group).
- **Professor:** Jawaharlal Nehru Centre for Adv. Scientific Research, since 2007

Research Fields of interest: Surface science, thin films and nanostructures of semiconductors. Elucidated on metal-metal and metal-semiconductor interfaces, III-nitride films and nanostructures

Research Publications:

- 260 research papers in international journals
- 210 Conference Presentations
- 345 Invited Talks and 3 Authored/Edited Books

Visiting positions:

- United Nations (UNIDO) Fellow at National Institute of Standards and Technol, USA,
- Visiting Scientist at Rutgers University, USA,
- United Nations (UNIDO) Fellow at Tohoku University, Japan.
- Visiting Scientist at University of Ulm in Germany.

Awards:

- **Young Scientist Award from the President of India (1992),**
- Outstanding Scientist award from CSIR (NPL) (2005),
- Medal Lecture Award (2006), from Materials Research Society of India, Lucknow
- Superconductivity and Materials Science Prize, Materials Res Society of India, (2012)
- C.N.R. Rao Oration Award (2010),
- Dr Raja Ramanna Karnataka State Govt. Senior Scientist Award (2013)
- **Hon. Doctorate D Sc (hc): from VSK University, Ballary, (2016)**
- Distinguished Lecturership Award, Materials Res. Society of India, IIT Bombay (2016)

Fellowships:

- Commonwealth Post Doctoral Fellowship of London
- BOYSCAST fellowship of DST, Govt of India
- United Nations UNIDO fellowship from Vienna (twice)
- RAK-CAM International Fellowship from Saudi Arabia
- National Merit Scholarship, Govt of India

Recognitions:

- Indian Representative to International Union of Vacuum Sci. Tech. Applications, USA
- Joint Secretary for Materials Research Society of India (MRSI), India.
- Advisory Board of BEL-Optoelectronics for the development of Night Vision devices
- Advisory Board of Srisol Research Foundation as Consultant for smart materials.
- Representative to the World Materials Research Institutions Forum, Japan
- Representative to Europe-India Cooperation for Nanotechnology, Netherlands.
- HEC State-level Advisory Board Member for RUSA
- Member of LRC of Defence Materials Res & Dev Establishment, Kanpur

Hobbies: Accomplished Cricket Player, played Sussex County and DDCA Leagues. He represented his schools, colleges of Karnatak and Sussex Universities in Cricket and Table Tennis.