

**Prof. T.P Radhakrishnan**

**Organisation:** Senior Scientist, School of Chemistry, University of Hyderabad.

**Research Interests:** Molecular Materials which includes

- Design and synthesis of novel molecules of materials interest
- Molecular crystals, nanocrystals and nanoparticles Molecular ultrathin films; Langmuir-Blodgett films
- Polymer-metal nanocomposite thin films
- Optical, nonlinear optical and opto-electronic materials, structure-function correlations

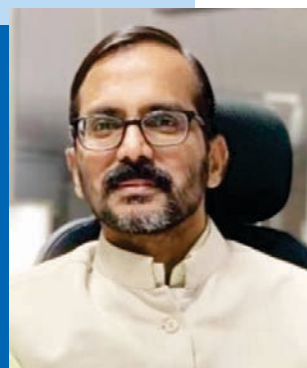
**Education:**

- Postgraduation in Science from IIT-Madras
- Postgraduation in Arts from Princeton University
- PhD from Princeton University in 1987.

**Experience:**

- Post-doctoral fellow at University of Texas
- Scientist at IIT Madras
- University of Hyderabad in 1989
- Awards and Honours:
  - Swarnajayanti Fellowship of Department of Science & Technology (1998 - 2003)
  - Bronze Medal of the Chemical Research Society of India (2002)
  - Fellow of the Indian Academy of Sciences (2004)
  - Ramanna Fellowship of the Department of Science and Technology (2008 - 2011)
  - Fellow of the Indian National Science Academy (2010)
  - Fellow of the A P Akademi of Sciences (2010)
  - J. C. Bose National Fellowship (2011)
  - Silver Medal of the Chemical Research Society of India (2012)
  - Fellow of the National Academy of Sciences (2012)
  - Academician (Fellow) of the Asia-Pacific Academy of Materials (2013)

Seven students from his groups have been the recipients of Young Scientist awards from our Society as on date and are working in reputed organisations in India and abroad



### **Dr. G. Bhanu Prakash Reddy**

**Organisation:** Senior Scientist in ICMR-National Institution of Nutrition, Hyderabad

#### **Research Interests:**

- Molecular nutrition of age-related diseases

#### **Education:**

- Post graduation from Osmania university
- PhD from Osmania University

#### **Experience:**

- Post-doctoral Fellow, Indian Institute of Science, Bangalore
- Post-doctoral Fellow, Case Western Reserve University, Cleveland, USA
- Scientist G, NIN

#### **Awards & Honours:**

- Fellow, Royal Society of Chemistry (London, UK) – 2019
- Founding Fellow, Telangana Academy of Sciences, India – 2015
- Gates Foundation Global Health Travel Award – 2015
- Eminent Research Supervisor Award by Dr. KV Rao Scientific Society – 2015
- Fellow, AP Akademi of Sciences, India – 2012
- ICMR-Basanti Devi Amir Chand Prize – 2010
- Scopus India Young Scientist Award (Medicine) – 2008
- Fellow, National Academy of Sciences, India – 2006
- ICMR Dr. V. N. Patwardhan Prize – 2002
- Young Scientist Award, Nutrition Society of India – 1994
- **Associate Editor:** Journal of Food Science & Technology
- **Subject Editor:** Proceedings of National Academy of Sciences, India
- Regional Coordinator, Telangana Academy of Sciences (2015-)
- Member, Board of Governors, NIPER, Hyderabad (2019-22)
- Member, Scientific Panel on Functional Food and Nutraceuticals, Food Safety and Standards Authority of India-FSSAI (2017-19)

Four students from his groups have been the recipients of Young Scientist awards from our Society as on date and are working in reputed organisations in India and abroad.

**Prof. D. Narayana Rao****Organisation:** Professor, School of Physics, University of Hyderabad**Research Interests:**

- Photonics Crystal Structures
- Femtosecond supercontinuum generation
- Local Field Effects in Dielectric Media
- Optical Limiting and Switching in Nano Materials
- Semiconductor quantum dots
- Singular optics and Spectroscopy

**Education:**

- Masters from Sri Venkateswara University
- PhD from I.I.T, Kanpur, 1978

**Experience:**

- Scientist, IIT Kanpur
- IIT, Delhi
- State University of New York at Buffalo
- University of Massachusetts, USA
- Reader, University of Hyderabad, 1990

**Honours:**

- UGC BSR Faculty Fellow in the School of Physics, University of Hyderabad
- CSIR Fellow
- NRC (USA) Fellow
- Raja Ramanna Fellow, University of Hyderabad
- Convenor for the National Laser Symposium, HCU, 1998
- Convener, 8<sup>th</sup> International Conference on Photonics,
- Fiber-Optics & Optoelectronics, 2006, University of Hyderabad

Five of his students among those who applied from his group have won awards from our Society





### **Prof. Rajadurai Chandrasekhar**

**Organisation:** Professor, School of Chemistry, University of Hyderabad and Assistant Director, R&D (Sciences & Engg.), Institution of Eminence Directorate, University of Hyderabad

### **Research Interests:**

Theme - Optical Energy Management in Functional Molecular Nano/Micro-Scale Photonic Solids

### **Interests:**

- Synthesis and Self-assembly of Organic/Polymer Nano/Micro Particles and Crystals
- Non-Linear Optical Properties of Nano-Assemblies and Crystals
- Single Particle (FL/Raman) Spectroscopy/Microscopy (Waveguides, Modulators, Photonic Cavities, Lasers)
- 2D and 3D Lithography Techniques – Arrays, Dots, Spikes, Pixels
- Micromanipulation using Atomic Force Microscopy for Mechano-photonics.

### **Education:**

- M.Tech in Materials Science & Engineering from IIT-Delhi
- PhD from Max Planck Institute for Polymer Research, Germany

### **Experience:**

- Post-doctoral fellow, Institute of Nanotechnology and Institute for Inorganic Chemistry, Karlsruhe institute of Technology Germany
- Lecturer, Sri Ramakrishna Mission Vidyalaya College of Arts & Sciences, Bharatiar University, Coimbatore
- Head, International Max Planck Partner Group at UoH
- Joined UoH, School of Chemistry, University of Hyderabad in 2008,

### **Awards & Honours:**

- Member, Hall of Fame, Adv. Opt. Mater, Germany-2020.
- Fellow of the Royal Society of Chemistry (FRSC) – London -2018
- Fellow of Optical Society of India (FOSI) - 2016
- Dr. K. V. Rao Science Society – Eminent Supervisor Award - 2016
- YIM Boston Young Scientist Award for contribution to Materials Science, MIT, Boston, USA.-2013
- Winner of Invention Cash Prize from Intellectual Ventures Ltd. for the 4D Imaging technologies.-2009
- Member, Editorial Advisory Board, Material Advances Journal, Royal Society of Chemistry International, UK - 2020

Four of his students among those who applied from his group have won awards from our Society