

# NANO MISSION SCHOOL ON Nanoscience & Nanotechnology - Physical Sciences

23 OCTOBER - 3 NOVEMBER 2017

## Emerging Materials and Methods in Nanoscience & Nanotechnology

for Senior Ph.D students  
Postdoctoral Fellows  
Young Faculty

📍 Centre for Nano and Soft Matter Sciences, Jalahalli, Bangalore-560013

Applications  
accepted from  
Aug 24, 2017

Last date to apply  
Sep 12, 2017

Announcement of  
shortlisted  
applications  
Sep 20, 2017

### THEMES

- Basics of Nanoscience
- Synthesis of Nanomaterials and Composites
- Molecular Beam Epitaxy and Atomic Layer Deposition
- Raman Spectroscopy as a Nanotool
- Synchrotron Methods for Nanomaterials Characterization
- High Resolution Electron Microscopy
- Nanoelectronics and Device Fabrication
- Solar Cells
- Batteries and Supercapacitors
- Thermoelectrics
- Membranes and Gels
- Theory and Simulations

### HIGHLIGHTS

- Lectures accompanied by demos in laboratories
- Visits to Clean Room Facility, Incubation Centres and Research Labs in neighbor institutes

### RESOURCE PERSONS

Prof. C. N. R. Rao, JNCASR, Bangalore  
Prof. D. D. Sarma, IISc, Bangalore  
Prof. Milan K. Sanyal, SINP, Kolkata  
Prof. B. R. Mehta, IIT Delhi  
Prof. Ashok Ganguli, INST, Mohali  
Prof. Amlan J. Pal, IACS, Kolkata  
Prof. Umesh V. Waghmare, JNCASR, Bangalore  
Prof. Chandrabhas Narayana, JNCASR, Bangalore  
Prof. K. S. Narayan, JNCASR, Bangalore  
Prof. S. M. Shivaprasad, JNCASR, Bangalore  
Prof. T. N. Guru Row, IISc, Bangalore  
Prof. K. George Thomas, IISER, Thiruvananthapuram  
Prof. P. S. Anil Kumar, IISc, Bangalore  
Prof. Aninda J. Bhattacharyya, IISc, Bangalore  
Prof. N. Ravi Shankar, IISc, Bangalore  
Prof. S. Raghavan, IISc, Bangalore  
Dr. Geetha G. Nair, CeNS, Bangalore  
Dr. P. Viswanath, CeNS, Bangalore  
Dr. Ranjan Datta, JNCASR, Bangalore  
Dr. Kanishka Biswas, JNCASR, Bangalore  
and so on...

**REGISTRATION, TRAVEL, ACCOMMODATION AND FOOD EXPENSES WILL BE COVERED FOR SHORTLISTED APPLICANTS\***

Conveners: Dr. H. S. S. Ramakrishna Matte, Dr. Neena S. John, Prof. G. U. Kulkarni