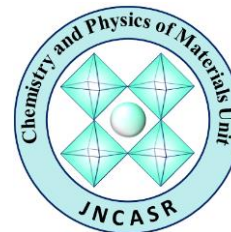




Chemistry & Physics of Materials Unit  
**Jawaharlal Nehru Centre for  
Advanced Scientific Research**  
Jakkur P.O., Bangalore 560 064



**CPMU SEMINAR**

**Speaker :- Prof. T. Mukundan**  
*SERB-VAJRA Visiting Faculty, JNCASR*  
Applied Functional Polymers  
University of Bayreuth  
Germany

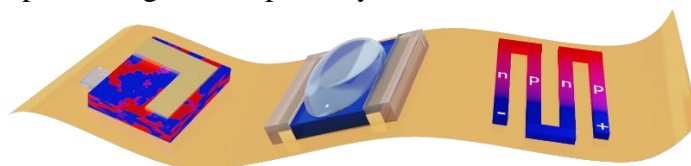
**Host :- Prof. G U Kulkarni**  
JNCASR

**Title**

Functional Polymers - Design, Architecture and Applications in Solar cells,  
Biosensors and Batteries

**Abstract:**

Different polymer architectures and tuning the chemical structures of the same to suit and fulfill the functions in diverse applications will be demonstrated. The structure property relations of functional polymers and the importance of microstructure and morphology will be explicitly dealt with. The fundamental theme of our research – Synthesizing Functions and Control of Morphology - will be the key topic to be dealt with in this presentation. The applications include electronics as well as ionics. As shown below, most of these applications have potential of large area solution processing and adaptability towards flexible devices.



**Date: 19<sup>th</sup> April 2022(Tuesday)**

**Time: 11:00 am (Coffee/Tea @ 10:45am)**

**Venue: Kanada Auditorium (Offline Mode)**

**All are cordially invited.**