

Seminar

Institute for Plasma Research

Title : National Nanofabrication Centre: Facilities and collaboration opportunities

Speaker: Dr. Prabhakara Rao Y.P. and Dr Vijaya Raghavan
Indian Institute of Science, Bengaluru

Date : 26th February 2018 (Monday)

Time : 03.30 PM

Tea : 03.15 PM

Venue : Seminar Hall, IPR

Abstract :

The Centre for Nano Science and Engineering (CeNSE) was established at the Indian Institute of Science (IISc), Bengaluru to pursue interdisciplinary research on the nanoscale. Activities of interest to the Centre include, materials, electronics, MEMS/NEMS, photonics, biotechnology, and solar cells.

CeNSE houses state-of-the art National Nanofabrication Centre (NNfC), Micro and Nano Characterisation Facility (MNCF) and Packaging facility. NNfC is capable of realizing micro and nano scale devices on various substrates including Si, GaN, SiC, quartz, glass, graphene, and III-V. The facility houses industry standard tools geared to realize a wide variety of Semiconductor Devices, MEMS/NEMS, Photonics, Photovoltaics, Microfluidic and Biosensors. MNCF conducts virtually any type of electrical, optical, mechanical and material characterization. Both of these are national user facilities and are accessible to outside researchers.
