

# DST-SERC SCHOOL on Tokamaks & Magnetised Plasma Fusion

**25-February to 15 March 2013**

**Institute For Plasma Research, Gandhinagar (Gujarat)**

Organized by Institute for Plasma Research and supported by the Department of Science & Technology, Government Of India, the school aims at providing an exposure to current areas of Tokamaks and magnetized plasma fusion. This has special relevance because India is part of the ITER consortium and also, India also has its own long term ambitious fusion programme. The school will consist of lectures, tutorials, hands on experiments and special popular lectures in related areas. The participants will be provided with II AC train fare , local hospitality as well as study material. There is no registration fee.

## Who can apply ?

- Research scholars pursuing research in plasma sciences, plasma applications and fusion relevant technologies.
- Fresh PhDs in the above field (degree awarded after 2011)
- Junior faculty (below 35 years) who are interested in pursuing research in plasma science & technology.

## Topics to be covered

Magnetized plasma fusion, Waves and instabilities in plasmas , Plasma simulation, Heating and transport in plasmas, Plasma diagnostics, Neutronics, Test blanket module and fusion materials, Superconducting magnets, Divertors, Control and data analysis etc.

Interested participants are requested to visit the school website and fill up the application form and send it along with a reference letter to the email provided. The number of participants will be limited to 40.

**Deadline for registration : 31-Dec-2012**



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<http://www.ipr.res.in/DST-SERC2013>