



NCPRE Photovoltaic Users and Mentorship Programme

A project of MNRE, Govt. of India

PUMP Hands-On Training Workshop on Power Electronic Converters and Emulators for Solar PV March 25 - 27, 2019, IITB Bombay <http://www.ncpre.iitb.ac.in>

The National Centre for Photovoltaic Research and Education (NCPRE) was set up by the Ministry of New and Renewable Energy (MNRE) of the Government of India at the Indian Institute of Technology Bombay (IITB) in 2010. PUMP was initiated to extend the facilities available at NCPRE for research and process/product development to researchers across the country. At present, PUMP provides support (fabrication/ characterization cost, travel and stay) for the researchers from academia to execute their work at this Centre. The full description of the PUMP programme and available facilities can be seen on the website www.ncpre.iitb.ac.in. The purpose of this workshop is to offer hands-on training to the prospective external users of NCPRE facilities at IITB.

The “Hands-on Training” takes a trainee through experience of working on various solar photovoltaic converters. The power electronic application in solar PV and its control will be discussed using theory and extensive simulation (PSCAD/MATLAB). The trainee will also have the opportunity to work on various solar emulators used for solar PV design. A hands-on various circuits interface for solar PV and its digital control will be provided.

Online applications are invited from interested researchers from academia and R&D laboratories for the participation in this workshop, in the prescribed registration form (link given below). While selecting participants, preference will be given to those faculty members/students who are implementing/have submitted R&D projects under PUMP at IITB. If you have not submitted any proposal to PUMP and have an innovative idea, you are invited to submit a complete proposal in the prescribed format, which is available at www.ncpre.iitb.ac.in.

Participants would be supported for travel at actual, subject to the limit of 3-tier AC train fare, on request for the shortest route from the place of work to IIT Bombay and back. Please note that travel support does not include tatkal fare and also Rajadhani, Duronto and Premium train fare. Accommodation and food would be taken care of. Important Dates:

Registration deadline: March 14, 2018

Confirmation of selection: March 16, 2018

[Click here to Register](http://www.ncpre.iitb.ac.in)

Contact

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