



NCPRE



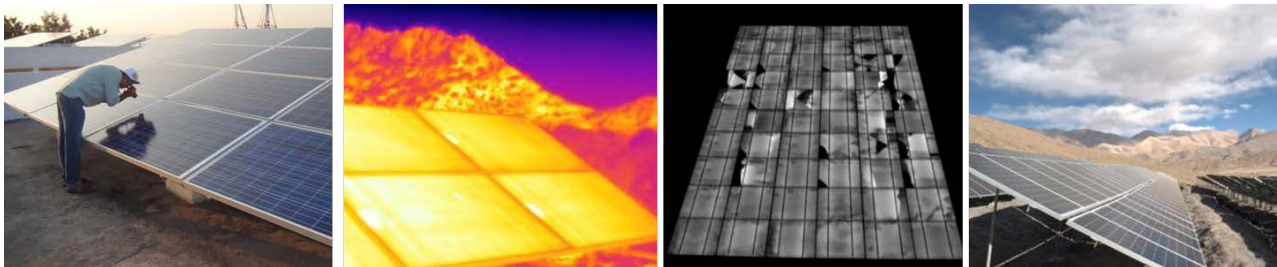
NATIONAL CENTRE FOR PHOTOVOLTAIC RESEARCH AND EDUCATION
Indian Institute of Technology Bombay

Announcement of 2-Day Workshop on

“Assessing Performance of PV Modules in the Field”

April 6-7, 2017

Victor Menezes Convention Centre (VMCC), IIT Bombay, Mumbai



Background: NCPRE announces a 2-day workshop to give a detailed exposition of how to assess and understand the performance of solar PV modules operating in the field. The Workshop is based on the experience gained by NCPRE researchers over the last 4 years while conducting the “All-India Surveys of PV Module Reliability”, as well as extensive research and innovations carried out in the NCPRE laboratories at IIT Bombay.

Course Contents: Introduction to PV module performance metrics; Field testing protocols and measurements; Field testing equipment; Translating field measurements to STC conditions; Degradation mechanisms in PV modules; Calculation of degradation rates; Correlation of electrical performance with visual, infrared (IR) and electroluminescence (EL) images; Case study of ‘All-India Survey of PV Module Reliability’; Safety during field measurements. The course will include a hands-on session on IIT Bombay rooftop plant.

Course Fees: Industry: Rs. 10,000 + 15 % service tax (includes breakfast, lunch and dinner)
Govt./Acad.: Rs. 6,000 + 15 % service tax (includes breakfast, lunch and dinner)

Course Co-ordinators: Juzer Vasi and Anil Kottantharayil, NCPRE, IIT Bombay

Target Audience: Solar PV power plant installers and operators, PV module manufacturers, solar PV rooftop installers, researchers from R&D institutions, financial and insurance companies, faculty from academic institutions.

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