

GERMI & NCRPRE SUCCESSFULLY ORGANISED THREE-DAY WORKSHOP ON SOLAR PHOTOVOLTAIC POWER PLANT DESIGN AND INSTALLATION

GERMI (Gujarat Energy Research and Management Institute) and NCRPRE (National Centre for Photovoltaic Research and Education), Indian Institute of Technology, Mumbai jointly organised a three-day workshop on Solar Photovoltaic Power Plant Design and Installation from 21st to 23rd February.

Alongwith the industry, special consideration was given to participants from the education, academic and research fields. A total of 50 participants from all over the country and two from foreign countries participated in the three day workshop. Interestingly, a majority of the participants were from outside Gujarat.

This workshop provided a comprehensive course in Solar Photovoltaic Design and Installation. The course orientation was towards making logical decisions for implementing solar photovoltaic power projects. The course helped the participants to assess the site potential and suitability for establishing power plant, select various PV modules, inverter and other technologies. The course also included the details of installation of a solar power plant, theoretically deduce the plant performance and check its output, and ensure implementation of best practices in terms of safety and quality.



Learning in progress.



Group photograph of the participants

The best feature of the training that impressed all the participants was the balance between theory and practical classes. The participants were exposed to two solar sites a) The 1-MW GPCL (Gujarat Power Corporation Ltd) site located at the PDP-GERMI campus b) 1-MW GSECL (Gujarat State Electricity Corporation) site having multi technology solar PV power plant established on ash dyke at Gandhinagar. The participants felt that it was a rare experience to witness six different PV technologies at one place.

The course was delivered by 12 experienced and senior professionals drawn from the industry, IIT-Mumbai and GERMI. Participants at the workshop mainly included PV power plant designers, integrators, EPC staff, solar entrepreneurs, installers, testers and O&M staff.