

## **OPJU Organises a Two-Day Training Programme on “Solar-PV Design and Simulation Software” in association with NISE and SESI**

The need and importance of Renewable Energy is increasing day by day to save the earth. Solar energy is renewable and now cost effective also; and the installation of Solar Power Plants across the world, is opening new career opportunities for the young engineers. With an objective to impart hands-on training to the students on advanced solar software, used for the design of Solar Power Plants, the Department of Mechanical Engineering, SoE, OP Jindal University, Raigarh, in association with National Institute of Solar Energy (NISE), New Delhi organized a two-day training programme on “Solar-PV Design and Simulation Software” during October 13-14, 2018. Mr Yogesh Kumar Singh, Sr. Research Scientist, NISE, New Delhi conducted the training sessions as resource person.

During the inauguration, Mr Akash Pandey, Assistant Professor, Department of Mechanical Engineering welcomed the guests and participants and shared the objectives of the training programme. Dr S.S. Chakrabarti, Head- Department of Mechanical Engineering informed that OP Jindal University has taken an initiative to run a special course on Solar Energy Technology in association with National Institute of Solar Energy (NISE), an autonomous institute under the Ministry of New and Renewable Energy, Government of India, New Delhi, Chhattisgarh Renewable Energy Development Agency (CREDA), Raipur and Fronius India Private Ltd, Pune. This course will help the final year students, to acquire all the necessary skill sets and knowledge required to work in a Solar Industry. Dr P. S. Bokare, Dean, SoE, OPJU motivated the participants to participate actively in the training programme to enhance their skill set. He emphasized on the fact that learning new softwares will give students an extra edge and will increase their probability of fetching jobs in reputed industries. Dr R. D. Patidar, Registrar, OPJU addressed the participants and informed that the University is planning to install a solar car port in the campus in collaboration with Fronius India Ltd. Pune, which will provide an opportunity for the students to closely observe the design and installation of solar power plant. He also informed that 46 students of OPJU have already participated in the ‘Electric

Vehicle Solar Championship' going to be held in the year 2019, which will help in boosting their career.

Mr Yogesh Kumar Singh, Senior Research Scientist, NISE, conducted the training sessions and imparted training on two softwares PVSOL and HELIOSCOPE, most widely used program for the simulation of photovoltaic systems, which provides the 3D visualization. He provided hands on training to the participants and covered all essential topics. 35 students from Mechanical Engineering and Electrical and Electronics Engineering participated in the training program. At the end of the training programme, Dr S. S. Chakrabarti thanked all the guests, faculties, and participants for their co-operation and active participation in the programme.