

Tentative Schedule for STTP on “Recent Challenges and Developments in Solar Energy Technologies and Its Applications” on 24-29 Jan 2022.

Day/Date	09:45 AM – 11:15 AM	11:30 AM-01:00 PM	01:00 PM to 02:15 PM	02:15 PM to 04.15 PM
24/01/2022 Monday	Inaugural Session	India's Renewable Energy Journey and Challenges Ahead (Dr. P C Pant, Former Advisor, MNRE, Delhi)	BREAK	Electronic Controls in Solar PV Systems (Dr. Subhendu Dutta, IIT Delhi)
25/01/2022 Tuesday	Nano-structured Black Silicon for Efficient Thin Silicon Solar Cells: Potential and Challenges (Dr. Sanjay Kumar Srivastava, Principal Scientist, CSIR-National Physical Laboratory)	PV modules & its design and uses with thermal uses (Dr. Pankaj Kalita, IIT Guwahati)	BREAK	Analysis of Different types of Hybrid Photovoltaic Thermal Air Collector (Dr. Sanjay Agrawal, SOET, IGNOU)
26/01/2022 Wednesday		New Education Policy 2020 in India (Prof. Pradeep Kumar Dimri, J C Bose UST)	BREAK	Design and Installation details of Solar water pumping systems (Dr. Richa Parmar, NISE, Gurgaon)
27/01/2022 Thursday	"Efficient model for Solar water pumping station" (Prof. Bhim Singh, IIT Delhi)	Condition monitoring of solar power plant using IoT (Mr. Ajay Godara, Director of Innovation Lab, Chandigarh)	BREAK	Condition monitoring of solar power plant using IoT (Mr. Ajay Godara, Director of Innovation Lab, Chandigarh)
28/01/2022 Friday	Importance of Artificial Intelligence for Solar PV systems (Dr. Simmi, NITTTR, Chandigarh)	Artificial Intelligence for solar MPPT tracking system (Dr. Simmi, NITTTR, Chandigarh)	BREAK	Latest Developments in Solar Power Invertors (Mr. Mahesh Sachdeva, MS Logic)
29/01/2022 Saturday	Greenhouse integrated Semitransparent Photo-voltaic Thermal (GiSPVT) Sustainable Technology for Rural Applications (Former Prof. G. N. Tiwari, IIT Delhi)	AI implementation in Solar PV systems (Dr. Sivasankari Sundaram Energy Institute, Bengaluru)	BREAK	Test & Feedback and Valedictory