



QIP Sponsored Short Term Course on ***“Photovoltaic Devices & Systems: Challenges & Scope”***

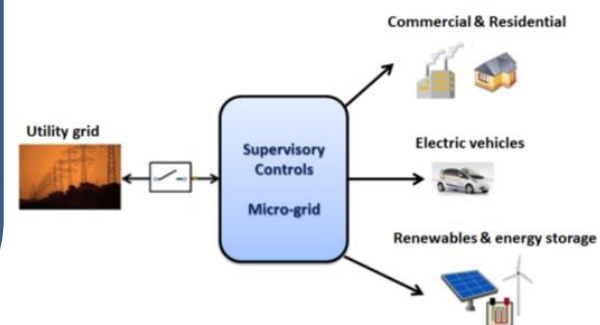
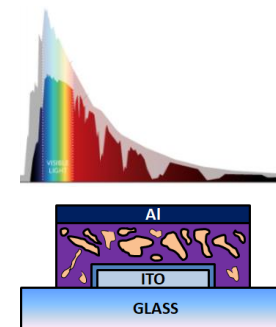
**Organized by Department of Electrical Engineering,
IIT Indore, MP 453552**



Date: March 8th – 13th, 2021 (Six days Short Term Course, online mode)

Course Objectives:

- Introducing the overall energy scenario in the Indian as well as world context, emphasizing the need for renewable energy sources and understanding Solar radiation.
- Introducing the participants to the various interdisciplinary aspects of Photovoltaics in terms of materials and device performance, strategies to improve performance of Solar cells, Silicon Photovoltaic cells and PV modules as well as arrays .
- Significance of Solar Tracking, Stand alone PV systems, Microgrid and Grid connected PV systems.
- Next Generation Solar Cells and emerging concepts, challenges and opportunities.



Who should attend this course:

Faculty members (AICTE approved Colleges/Institutions), Faculty members (Other institutes), scientists, researchers, UG/PG students who want to have deeper insight into the world of photovoltaics.

List of speakers:

Dr. I A Palani, IIT Indore
Dr. Vipul Singh, IIT Indore
Dr. Saptarshi Ghosh, IIT Indore
Dr. Swaminathan R, IIT Indore
Dr. Amod C Umarikar, IIT Indore
Dr. Trapti Jain, IIT Indore
Dr. Tridib K Sarma, IIT Indore
Prof. Abhinav Kranti, IIT Indore
Prof. Nilesh J Vasa, IIT Madras

Dr. Tejendra Dixit, IIITDM Kancheepuram
Dr. Kshitij Bhargava, IITRAM Ahmedabad
Dr. A Bilgaiyan, Yamagata Univ, Japan
Dr. Manish Pandey, NAIST Japan
Dr. S S Pandey, KIT, Japan
Dr. D Nakamura, Kyushu Univ, Japan
(Note: The list is not exhaustive)
Course coordinator: Dr. Vipul Singh
Assoc Prof & Head, Department of EE
IIT Indore, Simrol, Khandwa Road

Registration Process:

Interested participants must submit an online form available at the following link

<https://forms.gle/rL1jKu4CgPNKLP789>

For AICTE College participants: No Fees for Faculty members

All participants are requested to send their nominations/registration forms through their coordinators/heads along with ID proof

For other participants:

Students (UG/PG/PhD): INR 2000/-

Faculty/scientist: INR 3000/-

Industry participant: INR 5000/-

Last date for Registration & confirmation: 05/03/2021 (Friday)

For Online Payment:

<http://www.iiti.ac.in/page/e-payments>

For Bank Transfer:

Beneficiary Name: Registrar, IIT Indore

Bank Name: Canara bank

Branch: IIT Indore, Khandwa Road, Simrol, Indore

Account number: 1476101027440

IFS Code: CNRB0006223

SWIFT Code/BIC: CNRBINBBISG

Contact us at: vipul@iiti.ac.in