

**SERB, Govt. of India sponsored
A Five Day Faculty Development
Program (FDP)**

on

**SOLAR PV PARTIAL SHADING
MITIGATION TECHNIQUES
AND ITS APPLICATIONS**

during

4th-8th July 2022



Organized by:

Department of
Electrical & Electronics Engineering
National Institute of Technology, Goa
Farmagudi, Ponda, Goa - 403401, India.

Under the aegis of



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION

Ministry of Education
Government of India



Science and Engineering
Research Board (SERB)

Registration

The FDP is conducted in Online & Offline Mode. The registration fee for the participants are as follows:

Online Participants:

Research/PG Scholar	:500 INR
Faculty Member	:750 INR
Industrial Professional/ Delegates	:1000 INR

Offline Participants:

Research/PG Scholar	:1000 INR
Faculty Member	:2000 INR
Industrial Professional/ Delegates	:3000 INR

Who can apply?

- Research/ PG Scholars.
- Faculty members/
Academics.
- Industrial Professionals
/Delegates.

Link for registration:

<http://bit.ly/nitgeeefdp>

Organising Committee:

Chief Patron:

Prof. Gopal Mugeraya Director, NIT Goa

Patron:

Dr. Soumitra Das, HOD, EEE

Coordinators:

Dr. B. Venugopal Reddy
Dr. Suresh Mikkili
Dr. Saidi Reddy Parne

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Registration Form

Name:

Gender:

Qualification/Designation:

Organization:

Address:

Mobile No.

Email ID:

Payment Details:

Reference No.:

Date:

Amount Rs.:

Signature of the Candidate

About Faculty Development Program:

The main motto of the Faculty Development Program (FDP) **“Solar PV Partial Shading Mitigation Techniques and Its Applications”** is to provide the platform for the upcoming researchers who are interested to work in the areas of

- Solar Photovoltaic and its application
- Partial shading Effects
- Mitigation techniques for Partial shading
- Optimization Algorithms for PV
- Artificial Intelligence Techniques
- PV fed Water Pumping systems
- Grid Integration

The partial shading has a severe effect on the PV efficiency. This FDP is mainly focus on the enhancement of PV performance under partial shading condition. This FDP is designed to address the applications of solar PV for water pumping & grid integration. It is useful for the industry and various zonal professionals/ research scholars/ academicians towards research and for their academic quality improvement too. This course will offer a unique opportunity to the all colonize in the relevant topics in solar PV applications to come closer through theoretical sessions and experimental analysis.

About NIT Goa

National Institute of Technology, Goa (NIT Goa) is the premier Technical Institute of the region. NIT Goa was established in the year 2010 and declared as 'Institute of the National Importance'. Various disciplines of Engineering and Technology at the Undergraduate and Post

-graduate level, the institute is striving to offer excellent facilities for advanced research in the emerging areas of Science and Technology. The institute is sincerely attempting to deliver quality education and to achieve excellence in teaching, learning and research with high professional ethics.

About the Department of EEE

The EEE department is one of the pioneering departments of the Institute. The department is progressing at a rapid pace with development in both the spheres of infrastructure facilities and academic programmes. The department has highly qualified faculty members engaged in teaching and research with the aim of achieving excellence in the field of Electrical Engineering. The department offers UG (B.Tech) course in Electrical & Electronics Engineering and a PG (M.Tech) program in Power Electronics & Power Systems. The department also offers Ph.D. program to promote research activities in the various areas of Electrical Engineering.

About SERB

The Science and Engineering Research Board (SERB) is a statutory body established through an Act of Parliament. Supporting basic research in emerging areas of Science & Engineering are the primary and distinctive mandate of the Board. The Board structure, with both financial and administrative powers vested in the Board, would enable quicker decisions on research improving thereby our responsiveness to the issues, greatly genuine needs of the research scientists and the S&T system.

How To reach NIT Goa

NIT Goa is located at Farmagudi, which is about 4 kms from Ponda city. Madgaon Railway Station is 25 kms south of Farmagudi while Karmali Railway Station is 18km north of Farmagudi. Goa's Dabolim International Airport is 36 kms west from Farmagudi. There are public and private bus services between Ponda and the major cities of Goa like Panaji, Madgaon, Vasco and Mapusa. For local transport, taxis, pilots and auto-rickshaws are also available.

Important dates

Last date for registration: 30-06-2022
Intimation to the participants: 02-07-2022

Boarding & Lodging

No accommodation shall be provided by the institute and the participants should make their own arrangements for lodging and boarding. However, lunch and snacks will be provided during the offline sessions.

Address for Communication

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