

Patron Prof. B B Biswal, Director, NIT Meghalaya
Convener Dr. Sanjoy Debbarma, HOD & Assistant Professor, EE Dept.

Coordinators
Dr. Shaik Affijulla, Assistant Professor, EE Dept.
Dr. Piyush Pratap Singh, Assistant Professor, EE Dept.

Experts/ Speakers
Prof. S A Soman, IIT Bombay
Prof. Bidyadhar Subudhi, IIT Goa
Shri P K Agarwal, Former Director, POSOCO
Dr. Dipankar Debnath, IIT Kharagpur
Dr. Vignesh V, IIT Tirupati
Dr. Sarasij Das, IISc Bangalore
Dr. P.P. Singh, NIT Meghalaya
Dr. Atanu Banerjee, NIT Meghalaya

Advisory Committee
Prof. A. Bhattacharjee, TEQIP - III Coordinator
Dr. G.K. Dutta, Dean (R&C)
Prof. H.C. Das, Dean (FW)
Prof. G. Panda, Dean (AA)
Dr. A. Banerjee, Dean (SW)
Dr. C. Marthong, Dean (P&D)

Organizing Committee Members
Prof. Gayadhar Panda, Professor, EE Dept.
Dr. Atanu Banerjee, Associate Professor, EE Dept.
Dr. Supriyo Das, Assistant Professor, EE Dept.
Dr. Rakesh Roy, Assistant Professor, EE Dept.
Dr. Ksh Milan Singh, Assistant Professor, EE Dept.
Ms. Ramyani C, Trainee Teacher, EE Dept.

NO Registration Fee for the Participants

Important Dates

Last date for online registration	11 th Sep 2020
Intimation of selection & Google Meet Link	12 th Sep 2020
Online short term course	14-18 th Sep 2020

Online Short Term Course
on
Smart Electric Grids:
“Operations, Protection & Control”
SEGOPC 2020

Sep 14th – 18th 2020



Organized by
Department of Electrical Engineering
National Institute of Technology Meghalaya

Funded by
Technical Education Quality Improvement Programme
TEQIP III, NIT Meghalaya

TEQIP III

Venue
National Institute of Technology Meghalaya,
Laitumkhrah, Shillong, -793003.

Short Term Course Objective

This online short term course is designed to address recent advancements in the area of smart electric grid technologies related to Integration of renewable energy sources, control techniques and protection technologies for smart grids, big-data analytics. The course will offer a unique platform to the researchers, practicing engineers, academicians and research scholars working in the relevant areas to come closer through theoretical sessions and practical sessions. This event is structured to give a wide exposure on recent advancements in smart electric grid technologies.

About NIT Meghalaya

National Institute of Technology Meghalaya was established in the year 2010 as joint venture of Govt. of India and Govt. of Meghalaya with granted permanent campus of around 450 acres at Shora Cherrapunjee. The institute is functioning in its temporary campus at Shillong in East Khasi Hills district of Meghalaya and is about 2 kms from the main bus stand of Shillong on Police bazaar – Laitumkhrach road. The city of Shillong is well connected with rest of country by road. The nearest railway station is at Guwahati (Assam), at a distance of 90 Kms from Shillong. The nearest airport is within city (15 kms). The place has healthy climate with temperature ranging from 07°C to 16°C during December and is at an altitude of 1520 meters.

The Department of Electrical Engineering was established in the year 2010. The Department offers B.Tech, M.Tech and Ph.D programmes. The department is well equipped with laboratories, computers, latest simulation softwares and our students are exposed to recent technologies and techniques. The department has well experienced and dedicated faculty members with different specializations.

Program Contents

- ❖ Integration of renewable energy sources e.g. solar, wind, etc.,
- ❖ Control techniques for grid connected PV systems
- ❖ Energy management in an off-grid inverter
- ❖ Introduction to Electric Vehicle and its power converter requirements
- ❖ Power System Operation & Management in context to Indian grids
- ❖ Big data analytics & Cloud Computing
- ❖ Data Markets for Smart Grid
- ❖ Protection & Control Issues

Funding Organizations

The five day SEGOPC 2020 online short term course will be supported from TEQIP III of NIT Meghalaya, Shillong, India.

The Mode of Course will be Online via Google Meet.

Number of Participants: 100

National Institute of Technology Meghalaya

Shillong – 793 003

Online Short Term Course on Smart Electric Grids: Operations, Protection & Control SEGOPC 2020

14th – 18th Sep, 2020



TEQIP

Eligibility

This program is open to research scholars, students, faculty members, industry members who are working in the pertinent fields.

Registration Form

Please register for the event using the link below:

https://docs.google.com/forms/d/e/1FAIpQLSeto_QCt53I52flhP2sByeCSmmqhhSXW62JnEE1cJt7lfEs4Q/viewform

Certification

E-Certificates will be provided to those participants who have attended the program with mandatory minimum attendance in 08 lectures among 10 scheduled lectures.

Contact Details

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