Online ONE DAY TRAINING PROGRAMME on
Blackout Prevention and Quick Service Restoration of Power System with Wide Area Measurement Systems
(30th September 2021)
Organized by
Department of Electrical Engineering, NIT Warangal
Sponsored by
Science and Engineering Research Board, Department of Science and Technology, Government of India

Preamble:

This one-day training program is devoted to explore fundamental theory, recent developments, applications and research outcomes addressing the related theoretical and practical aspects on "**Blackout Prevention and Quick Service Restoration of Power System with Wide Area Measurement Systems**".

Major Course Contents:

• Blackouts- International and National Scenario-Causes and Impact
• Phasor Measurement Units and their Applications in Power System.
• Optimal Placement of PMUs in Power Systems.
• Critical Elements and Zero Injection Bus identification in Power System.
• Contingency analysis.
• Wide Area Measurement Systems-Partitioning / Island based Service Restoration methodologies.

Eligibility:

The program is open to the **Faculty and Research Scholars** of Engineering Colleges in India.

Faculty conducting this program:

The program will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the program. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars: NIL

This online training program is Free for all.

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities should reach the coordinator by e-mail only. It is mandatory to send scanned application form through e-mail to drsureshperli@nitw.ac.in and selection will be intimated only through e-mail provided by the participant.

Selection Criteria:

The list of selected participants will be intimated through e-mail. Certificate will be issued to the participants on successful completion of the course.

Important dates:

➢ Last date for Submission of the application (Soft copy by email): **24/09/2021**
➢ Selection List by E- mail: **27/09/2021**

About NIT Warangal & Department:

National Institute of Technology Warangal (formerly known as Regional Engineering College, Warangal) is the first among 17 RECs setup as joint venture of the Government of India and State Government. Over the years the institute has established itself as a premier Institution imparting technical education of a very high standard leading to the B.Tech, M.Tech and Ph.D. degrees in various specializations. With a view to give further impetus to the technological education, the Central Govt. upgraded the RECs into NITs, and conferred the Deemed University status.

The Department of Electrical Engineering is one of the oldest departments of the National Institute of Technology, Warangal (NITW). Established as one of the major departments of the Institute, since its inception in 1959, the Department of Electrical Engineering has been actively engaged in teaching and research in diverse fields of Electrical Engineering. With excellent faculty, this Department is offering undergraduate (B.Tech) and Post Graduate Programs (M.Tech) in Power Electronics & Drives, Power Systems Engineering, Smart Electric Grid and Research (Ph.D) program.

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1. Name   :

2. Designation   :

3. Institution   :

4. Email   :

5. Address for Correspondence:

6. Educational Qualification:

7. Subjects taught so far:

8. No. of refresher courses/workshops attended:

9. Experience (in years):

   Teaching: Research: Industry:

10. Field of research interest:

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. ……………………………………..………….. is an employee of our Institute/Organization and is hereby sponsored to participate in the training program on "**Blackout Prevention and Quick Service Restoration of Power System with Wide Area Measurement Systems**" sponsored by SERB, DST, Govt., INDIA on **30th September 2021** at EED, NIT Warangal.

Signature of Head of Institution
(with seal)

*** Send the soft copy of the filled-in and duly signed application to drsureshperli@nitw.ac.in

Note: The selected candidates are required to attend a one-day TRAINING PROGRAMME using the online platform "Google meet". The link will be sent to the participant's registered email id.

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the training program and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Address for correspondence

Dr. Suresh Babu Perli
Assistant Professor Grade-1
Department of Electrical Engineering,
National Institute of Technology Warangal,
WARANGAL - 506 004,
Telangana State, India.

E-mail: drsureshperli@nitw.ac.in

For more enquiries please contact:
Mobile: +91- 8977123345

Signature of the Applicant