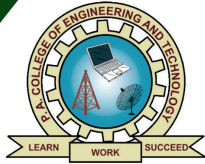


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P. A. College of Engineering and Technology

Pollachi, Coimbatore - 642 002
An Autonomous Institution
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Department of Electrical and Electronics Engineering All India Council for Technical Education (AICTE) Sponsored Phase - II Online Short Term Training Program (STTP) On Integration of Renewable Energy and Big Data Analytics of Smart Grid

2/11/2020 to 7/11/2020

Session Timings:

FN: 10.00 am to 12.30 pm

AN: 02.00 pm to 4.30 pm

Course Contents

Design and Control of Solar Energy Integration
Role of Modern Power Converters and Control Techniques for Renewable Energy Integration
Integration of Hybrid Solar and Wind Energy Sources
Challenges and Solution of Integration of Renewable Energy
Need of Energy Storage Technologies in Renewable Energy Integration
Power Quality Issues in Integration of Renewable Energy Sources
Monitoring and Control Technologies of Smart Grid
Integration of Renewable Energy into Micro Grid
Need for Data Analytics & Intelligent Devices in Smart Grid
Tools for Big Data Analytics in Smart Grid
Big Data Analytics of Smart Grid for Renewable Energy Integration
Machine Learning Algorithm for Big Data Analytics in Smart Grid

Resource Persons

Er.S. SELVAKUMAR
Head – Engineering & Design, Power Projects, Chennai

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Assistant Professor, Department of EEE, NIT – Calicut, Kerala.

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Dr.S.SURESH
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Dr. S.Vijayabaskar, HoD / EEE

Coordinators

Dr. V. Parimala, Professor / EEE - 9965469345
Mr. A. Kuppuswamy, AP / EEE - 9003985664

Registration Details

No Registration Fee

E - Certificate will be Provided

Faculty, Research Scholar and

Industry Persons can participate

Important Dates

Last date for Registration : 30.10.2020

Date of Intimation : 31.10.2020

Registration Link

<https://forms.gle/NT2AqZ4kCF5EDjWe8>

