

REGISTRATION FORM

- Name : _____
- Date of Birth & Age : _____
- Gender (M/F): _____
- Qualification : _____
- Teaching / Industry Experience : _____
- a) Designation : _____
b) Department : _____
- a) Institution/Organization: _____
b) Affiliating University _____
- Address for Communication : _____
- Mobile No: _____
- E-Mail ID : _____
- Accommodation required: Yes/No

Date: _____ Signature of Applicant

Note: Please send the registration form on or before 31-03- 2021. Scanned copy may be sent by e-mail to dr.kiran@adityatekkali.edu.in

SPONSORSHIP CERTIFICATE

Mr./Mrs./Dr. is an employee of our institute/ organization. He / she will be permitted to attend the short term training programme, if selected.

Place : _____ Signature of Sponsoring authority with seal
Date : _____

IMPORTANT DATES :

- Last date of registration : **31st March, 2021**
Announcement of Selected candidates : **01st April, 2021**
Schedule of the event : **6th April – 11th April, 2021**

ELIGIBILITY:

- Academicians from the engineering institutions with electrical & electronics discipline
- Industry Personal
- Research Scholars

REGISTRATION DETAILS:

- No Registration Fee
- Course kit, course material, lunch and refreshments will be provided
- Exam will be conducted at the end for certification.

ACCOMMODATION: Accommodation provided to outside participants on sharing basis

TRAVELLING ALLOWANCE: Travelling allowance (Sleeper class train or bus fare by shortest route) will be reimbursed to outstation participants as per norms on submission of original tickets.

Contact Details

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AICTE Sponsored
Short Term Training Programme (STTP)
on
“Application of Advanced
Techniques to Control Microgrid
(AATCM-2021)

6th April – 11th April, 2021



Organized by

Department of Electrical and Electronics Engineering

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT (Autonomous)
Accredited by NBA & NAAC (A+) TEKKALI- 532 201, Srikakulam (Dt), A.P

About AITAM

Aditya Institute of Technology and Management (AITAM), Tekkali, a premier engineering institute in Andhra Pradesh located at Tekkali, Srikakulam, Andhra Pradesh. AITAM is an autonomous institute approved by AICTE, and proudly announces that all B.Tech Programs are accredited by NBA, NAAC with A+ grade & recognized under 2(f) and 12(b) by UGC and permanently affiliated to JNTU - Kakinada. It is one among the few Technical Institutions in India participated in TEQIP Phase –II.

About EEE Department

The Department of Electrical & Electronics Engineering is established in 2002 with an intake 60. The department has grown significantly and currently offers a UG programme in Electrical and Electronics Engineering with an intake of 120 and a PG program in Power Electronics and Drives with an intake of 18. The department has a team of experienced, dynamic and highly qualified faculty members out of them some are from industries. The department has well equipped laboratories like Electrical Machines, Power Electronics, Control Systems, Electrical Circuits, Electrical Measurements, Electrical Systems and Simulation Lab, Power Systems Lab, Industrial Automation Lab and Power Electronics and Drives Lab to give practical training to the students on emerging areas. The department is well committed to explore students and provide a quality of student output to the country.

About AICTE-STTP

Microgrids (MGs) are the essential components of future smart grids. The MGs are low-voltage distribution systems that interconnect Renewable Energy Sources (RESs), Distributed Generators (DGs), Storage Devices, and customer loads and integrate them into the power grids. Microgrids may be DC or AC or hybrid and can be operated in grid connected or islanded mode. However, in order to obtain fault less operation of MGs, the relevant dynamic stability, protection and control challenges must be addressed.

Hence this short term course structured to familiarize the researchers, academicians, and engineers practicing in power system area, especially in micro- grid (μ G) operation and control with the concepts of artificial intelligence, Problems of renewable energy integration, Frequency instability problem, evolutionary computation, power converters design and operation, power flow control, voltage control of grid-connected/islanded, AC/DC/hybrid microgrids. This short term course will provide opportunity to enhance the knowledge of the faculty, students, research scholars and interaction with the renowned faculty members for planning the research and projects in the area of micro grids.

Objectives of the Workshop

- The objectives of the STTP is to provide
- Overview of Microgrid
 - Conceptual background about Microgrid.
 - Overview of Intelligent techniques
 - Design concepts of hybrid systems
 - SCADA application in Microgrid

Major Course Contents

- Overview of Microgrid
- Meta heuristic techniques
- Advances in Microgrid control
- Fundamental Concepts of Hybrid system
- Power converter design for Microgrid

Resource Persons

Dr. A. K. Panda, Professor, NIT Rourkela
Dr. P. K. Hota, Professor, VSSUT, Burla
Dr. S. K. Sahoo, Professor, PMEC, Berhampur
Dr. P. Mallikarjuna Rao, Professor, Andhra University, Visakhapatnam
Dr. V.S. Vakula, Assistant Professor, JNTUK, Vizianagaram.
Dr. D. Vishnu Murthy, DEAN – A&P AITAM, Tekkali.

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Dr. G.Vasanthi, H.O.D., BS&H
Dr. K.Venugopal, H.O.D., MBA

Co ordinator

Dr. K. Kiran Kumar, Asst. HOD, EEE

Co- Co ordinators

Dr. P.K. Gouda, Professor, EEE
Sri. B. Manmada Kumar, Sr. Asst. Professor, EEE
Dr. G. Ramarao, Asst. Professor, EEE
Mr. Kumaraswamy Simhadri, Asst Professor, EEE

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