

Muthayammal College of Engineering

Established in the year 2011-2012 by the Muthayammal Educational Trust and Research Foundation with a commitment to uplift the rural community. The vision of the institution is to produce high caliber socially responsible engineers. Aiming at providing value based technical education and promoting the welfare of the student community, it is equipped with highly qualified and experienced faculty members and well established infrastructural facilities. All laboratories are connected with 4 Mbps connectivity.

Department of EEE

The Department of Electrical & Electronics Engineering has 11 highly qualified and experienced faculty members with various specializations offering UG programmes. The Department has well equipped laboratories with state of the art technologies such as Electrical Machines Lab, Electronics lab, Control system Lab, Microprocessors lab, Power electronics lab and Power system simulation lab. The simulation lab of Electrical department is equipped with sophisticated software's such as MIPOWER, MATLAB, Orcad layout, Keil, Ride and PSPICE etc.,

CHIEF PATRON

Thiru.R.Kandasamy
Chairman, METRF

PATRON

Dr.K.Gunasekaran, M.E. Ph.D.FIE,
Secretary, METRF

CHAIRMAN

Dr.P.Venugopal, M.E, Ph.D.,
Principal

CONVENER

Dr.C.Nagarajan, M.Tech, Ph.D.,
Professor and Head, EEE

CO-ORDINATORS

Mr.G.Neelakrishnan, AP/EEE
9944820474

Mr.D.Kalidass, AP/EEE
7339142421

SPONSOR'S REPRESENTATIVE

Mr.S.RAMAN
Area Sales & Service Manager
Cell: 6382300899, 9840909211

CONTACT ADDRESS

Dr.C.Nagarajan, M.Tech, Ph.D.,
Professor and Head Department of EEE
Muthayammal College of Engineering
Cell: 9894620123 Email: hod.eee@mce.ac.in

Eligibility

Faculty working in Engineering Colleges

Registration Fee: FREE

Filled registration form to be send

To : events@labtech.co.in

Important Dates to Remember

Last date for receipt of application: 12.12.2019
Acceptance will be intimated: 13.12.2019



Muthayammal College of Engineering
Rasipuram - 637408
Department of Electrical and
Electronics Engineering

Organizes

One Day

Hands on Training in
Renewable Energy Systems
Laboratory

DECEMBER 18th, 2019

SPONSORED BY



LABTECH ELECTRONICS PVT.LTD.

(An ISO 9001:2008 Certified Company)

TS-69A, SIDCO INDUSTRIAL ESTATE
(GUINDY) EKKATTUTHANGAL, CEHNNAI
-600 032, Tamil Nadu, INDIA

044-22250253, 9840909211/9840839871/75

E-mail: admin2@labtech.co.in

PROGRAM AGENDA

Time	Schedules	Sessions
9.00 am	Registration	-
9.30 to 10.15 am	Inaugural Address	<p style="text-align: center;">Welcome Address Dr.C.Nagarajan, Professor and Head, EEE</p> <p style="text-align: center;">Felicitation Address Dr.P.Venugopal Principal</p> <p style="text-align: center;">Chief Guest Address Mrs.Muthulakshmi ME,MBA Director LABTECH ELECTRONICS PVT.LTD</p> <p style="text-align: center;">Vote of Thanks Mr.D.Kalidass, AP/EEE</p>
10.15 am	Tea Break	-
10.30 am to 11.30am	Presentation Session1	<p style="text-align: center;">Presentations on Solar PV OFF-Grid, ON-Grid System Design By Mrs.Muthulakshmi Director LABTECH ELECTRONICS PVT.LTD</p>
11.30 am to 12.30pm	Presentation Session2	<p style="text-align: center;">Presentations on Wind and Fuel Cell Energy System Design By Mr.G.Yuvaraj Director LABTECH ELECTRONICS PVT.LTD</p>
12.30 pm	Lunch Break	Lunch will be provided
1.30 To 4.00 pm	Hands-on Practical Session	Hands-on Experiments with complete set Software Tools and Equipment to Demonstrate the Renewable Energy Systems lab
4.00 pm	Tea Break	-
4.15 pm	Valedictory	Certificates will be provided

Tools & Equipments Provided for Hands -on Training

- OFF-Grid Solar Renewable Energy System (1kW)
- ON-Grid Solar (Grid-Tied) Renewable Energy System (1kW)
- Micro-Wind Energy System
- Solar-Wind Hybrid System
- 100W Fuel Cell System
- Solar PV Emulator
- MATLAB tools for Simulation Study on Solar and Wind, Hybrid Energy Systems & Hydel Power Generation, Intelligent controller for Hybrid System etc.
- Other tools: Power Analyzer, Wind Anemometer, Solar Radiation & temperature measurement using solar Power meter etc.
- Solar Cell design software

List of Topics Covered in Presentations Session

- Concepts like Grid-Tied (ON-Grid), Off-Grid, Shadowing Effect, Diode based solutions, Solar System Efficiency calculations, I-V Curve, MPPT, Performance Assessment, Anti-Islanding in Grid-Tied Inverter, Voc, Isc, Vmp, Imp, Series/Parallel combination effect etc.
- Study about Solar PV Emulator
- Design of OFF-Grid Solar Renewable Energy System (1kW)
- Design of ON-Grid Solar(Grid Tied)Renewable Energy System (1kW)
- Design of Micro-Wind Energy System
- Design of Solar-Wind Hybrid System
- Performance Analysis of 100W Fuel Cell system
- Simulation Study on Solar and Wind, Hybrid Energy Systems, Hydel Power Generation & Intelligent controller for Hybrid System using MATLAB
- Solar Cell design using software

Registration Form

**Muthayammal College of Engineering
Rasipuram - 637408
Department of Electrical and
Electronics Engineering**

One Day

Hands on Training in Renewable Energy Systems Laboratory

DECEMBER 18th, 2019

Will attend the Training/We nominate the following faculty members:

NAME.....

DESIGNATION.....

NAME OF COLLEGE.....

EMAIL ID.....

MOBILE NUMBER.....

ADDRESS.....

Attestation by the Principal/HoD

Please email or courier your filled in reply form to the following Event Sponsor's Address:

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