

ABOUT THE INSTITUTION

The Bannari Amman Institute of Technology (BIT) is one of the reputed engineering institutions in Tamil Nadu and known for its excellent record in academics and co-curricular activities. BIT is a well designed campus with state-of-the-art facilities and endeavor to provide a world class education to our students.

The institute offers 15 graduate programmes and 15 postgraduate programmes and Ph.D programmes in Engineering, Technology and Management. The institution is accredited by NAAC with 'A' Grade.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in 1996. It offers 4 – Year B.E. (Electrical and Electronics Engineering), 2 – year M.E. (Applied Electronics, Power Electronics & Drives) and Ph.D Programme. The U.G programme has been accredited for 5 years by NBA, New Delhi (Tier - 1 format - Washington Accord).

The department has signed MoU with National Institute of Wind Energy (NIWE), Chennai, Salzer Electronics, Coimbatore and GE India Exports Pvt Ltd, Bangalore.

The department is equipped with

- Solar PV emulator
- Solar inverter
- Charge controller
- Solar PV Trainer kit
- Power Quality analyzer
- Solar power meter

ABOUT THE WORKSHOP

Solar energy plays a major role in meeting the energy demand of many countries including India. The increasing energy demand and the depletion of fossil fuels have increased the awareness to exploit the solar energy for power generation. However, the high installation cost, and the low conversion efficiency are hindering the utilization of PV power. Therefore, research on PV system is being promoted to improve the performance of the PV systems. This workshop is intended to impart knowledge on the the fundamentals of solar photovoltaic system and its application in various fields and to give hands on training using MATLAB/ Simulink and solar PV trainer kit. This workshop will be useful for diploma, under graduate, post graduate students and research scholars/faculty members in various disciplines.

TOPICS TO BE COVERED

- Introduction to solar PV system
- Mathematical modeling of solar PV cells using MATLAB
- Study of solar PV characteristics
- Design of power converters for solar PV system
- Simulation of MPPT algorithms using Simulink
- Solar PV system design using MATLAB
- Hands on experience in PV trainer kit

A Two day Workshop

on

“Solar PV System Design using MATLAB/Simulink”

21st and 22nd July 2017



Organized by

Department of Electrical & Electronics Engineering

B.E (EEE) programme has been accredited for 5 years by NBA, New Delhi (Tier - 1 format - Washington Accord)

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

Accredited by NACC with A Grade)

Sathyamangalam - 638 401

Erode District Tamilnadu

Ph: 04295 - 226000

Website: www.bitsathy.ac.in

REGISTRATION FEE

Faculty/ Research Scholars	Rs. 500 /-
UG /PG Students	Rs. 300 /-
Diploma Students	Rs. 250/-

REGISTRATION

The registration for the workshop can be made by sending the duly filled application form along with a Demand Draft drawn in favour of “**The Principal, Bannari Amman Institute of Technology**” payable at Sathyamangalam.

Transaction can also be made through **net banking**.

Accommodation can be arranged on request subject to availability.

Bank details

Bank Name: Axis Bank Limited, Sathyamangalam

Name of the A/C: The Principal, Bannari Amman Institute of Technology

Account No: 368010100027849

IFSC code: UTIB0000368

MICR code: 638211402

Important Date:

Last date for Registration :15.07.2017

ADVISORY COMMITTEE

Dr A M Natarajan, Chief Executive

Dr D Saravanan, Principal

ORGANIZING COMMITTEE

CONVENOR

Dr. R.Senthil Kumar

Professor & Head of EEE

COORDINATORS

Dr.B.Indu Rani, Asso. Professor/ EEE

Mrs.K.Rajalashmi Asst. Professor (Sr.G) / EEE

Mr.A.Matheswaran, Asst.Prof/EEE

Mr.S.Sundar, Asst.Prof/EEE

The duly filled Application form is to be sent to:

Mr.S.Sundar

Assistant Professor

Dept. of Electrical and Electronics Engg.

Bannari Amman Institute of Technology,
Sathyamangalam - 638 401.

Erode District, Tamilnadu.

Mobile: 9952457772, 04295 226157

E-Mail: sundars@bitsathy.ac.in

A Two day Workshop
on

“Solar PV System Design using MATLAB/Simulink” 21st and 22nd July 2017

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Phone/Mobile: _____

Email: _____

Payment Details

Amount in Rs.:

DD No./Transaction ID with date :

Bank Name:

Place:

Date :

Signature of the Applicant