

ABOUT THE INSTITUTION

The Bannari Amman Institute of Technology (BIT) is an energetic and vibrant higher educational institution promoted by the Bannari Amman Group, a leading corporate house in southern part of India. BIT is a well designed campus with state-of-the-art facilities.

The institute offers 15 undergraduate, 15 postgraduate and Ph.D programmes in Engineering, Technology and Management. The institution is accredited by NAAC with 'A' Grade. BIT stood No.1 among the self financing colleges in all India level in terms of industry-institute partnership in a survey conducted by AICTE and CII and won the silver medal for the year 2012. As a part of green energy generation the institute has an installed capacity of 600kWp solar PV power generation.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in 1996. It offers a four year B.E. (Electrical and Electronics Engineering) and two year M.E. (Power Electronics & Drives) Programme.

It has a distinguished team of faculty consisting of 10 Doctorates and 25 Post Graduates of which 15 have registered for Ph.D in different areas of Electrical and Electronics Engineering and have rich industrial/research/teaching experience. The Department Library has 1200 books in 550 relevant titles and subscribes to foreign journals, Indian journals and magazines.

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 fundamentals of solar photovoltaic system, its applications and to give hands on training through MATLAB/Simulink, Solar PV trainer kit and associated equipment. This workshop will be useful for under graduate, post graduate, diploma 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
- Hands on training in PV trainer kit

ELIGIBILITY

- Faculty in Engineering /Polytechnic colleges/ Research Scholars
- Engineers from Industries
- UG/PG/Diploma Students

A Two day Workshop on "Modeling and Simulation of Solar PV System using MATLAB"

17th and 18th Feb 2017



Stay Ahead

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/Industry Participants	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

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 Dates:

Last date for Registration :11-02-2017

Date of intimation : 13-02-2017

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

The duly filled Application form is to be sent to:

Mr.A.Matheswaran
Dept. of Electrical and Electronics Engg.
Bannari Amman Institute of Technology,
Sathyamangalam - 638 401.
Erode District, Tamilnadu.
Mobile: 9894407323
Email: matheswarana@bitsathy.ac.in

Accommodation will be provided in the college premises if required.

The number of participants is limited to 40. The registration will be based on first come first served basis.

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on
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REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Phone/Mobile: _____

Email: _____

Payment Details

Amount in Rs.:

DD No. & Date :

[or] Account No. & Online Transaction ID:

Transaction Date :

Bank Name :

Place:

Date :

Signature of the Applicant