

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 offers 15 undergraduate, 14 postgraduate programmes and MBA. All the Departments are recognized by Anna University to offer research programmes. BIT has been accredited by National Assessment and Accreditation Council (NAAC) with a CGPA of 3.57 on a four point scale with A Grade. BIT is a well - designed campus with up - to - date facilities. It is an Ideal, conducive, educational retreat where one can fully on studies and research and attain academic goals.

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in 1996. It offers a 4 year B.E (Electrical & Electronics Engineering) programme and a 2 year M.E. (Applied Electronics, Power Electronics & Drives) programmes. The U.G programme has been accredited for 5 years by NBA (Tier-I format-washington Accord). The department has been recognized as a centre for carrying out Ph.D. /M.S. (By Research) Programme under Anna University, Chennai. It has a qualified faculty team with 10 Ph.D holders and 33 post graduates all pursuing Ph.D and with rich industrial/research/teaching experience.

ABOUT THE GUEST LECTURE

This guest lecture shall provide useful insights on the state-of-the-art as well as futuristic technologies related to Electric Vehicles. Electric Vehicles are becoming increasingly popular due to their efficiency in fuel savings, CO₂ emissions reductions, and becoming self-reliant in power sector by providing relief from oil imports from other countries. However, challenges are faced in making a widespread impact owing to the constraints in terms of battery life, high cost, extended charging time, and lack of wide availability of infrastructure for charging. While technological solutions are being attempted to address these concerns, the Government of India is lending a helping hand through subsidies and support through launch of schemes like the FAME (Faster Adoption and Manufacture of Hybrid and Electric Vehicles) India to support wider utilization by the public. While it is predicted that the cost inputs will reduce drastically and the charging facilities will become available in the near future, this workshop aims at elaborations in the following areas:

- Introduction to Electric vehicles
- Control of Electric vehicles
- Control strategies for the charging system in electric vehicles
- Selection of motors for Electric vehicles applications
- Battery Management System (BMS)
- Battery Modeling
- Requirements of BMS for EV applications
- Calculation of SoH, SoC and DoD
- Ongoing and Upcoming Research issues in EV technology.

AICTE

(Margdarshan Scheme for Share & Mentor Institutions)



Sponsored
Guest Lecture
On

**“ELECTRIC VEHICLE
TECHNOLOGY”**

February 11, 2019

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
Website: www.bitsathy.ac.in

MARGDARSHAN SCHEME

AICTE announced “The Hub’n Spoke system” (Margdarshan Scheme) to be established by a reputed Institute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to ten technical institutions to encourage best practices. The secondary branches, the spokes, are additional services provided to faculty for self-improvement. Eventually, the Hub’n Spoke system will allow for inter-hamlet information sharing, such as technical education, research and sharing of resources to the entire system.

REGISTRATION FEE

There is no registration fee for participants in the list of Mentee Institutions.

WHO CAN ATTEND

This Programme is open to **Students, Faculty Members, Research Scholars and Project Staffs** from the Mentee Institutions.

REGISTRATION

Online – Fill up the google form

https://docs.google.com/forms/d/e/1FAIpQLScPEu94gpGIGOVcNHQkTrOs_ORgQybWOLmovMDrYewpqWilfw/viewform

Offline – Scanned copy of the filled in application form duly endorsed by the, forwarding authority is to be mailed to matheswarana@bitsathy.ac.in to confirm the registration.

Important Dates:

Last date for Registration : 08-02-2017

ADVISORY COMMITTEE

Dr C Palanisamy

Principal, BIT

Dr K Sivakumar

Dean – Planning & Development and Student Affairs

ORGANISING COMMITTEE CONVENERS

Dr P Thangaraj

Dean – Academics, Skill Development and Training

Dr P Prem

HoD/EEE

ORGANIZING SECRETARIES

Dr.P.Sivaraman Asso.Prof/EEE

Mr.A.Matheswaran Asst.Prof (Sr.Gr)/EEE

ADDRESS FOR CORRESPONDENCE

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 registration will be based on first come first served basis.

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February 11, 2019

REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Mobile: _____

Email: _____

Signature of the Applicant

Place: _____

Date : _____

Mr./ Ms. / Dr. /

is an employee of our Institution and sponsored for the above course.

Signature of the Head of the Institute