REGISTRATION FORM

Full Name : .....

Sex : .....

DOB : .....

Sem/Year :.....

Department :.....

.....

College Address : .....

.....

.....

Mobile Number : .....

Email ID :.....

Declaration

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Workshop. I shall attend the program for the entire duration

Date:

Place:

Signature of applicant

Mr./Ms..... is an student of our Institute and is hereby allowed to attend the Workshop

Head of the Institution Signature with seal

Invited Speakers

Eminent resource person from e-Vehicle industry

Participants (Maximum of 100 Members)

UG, PG and Research scholars from universities, affiliated/ autonomous Institutions.

REGISTRATION FEES

UG and PG students : Rs.300/-
Research Scholar : Rs.400/-

Participants can pay the registration fees as follows:

1.The payment can be made by DD drawn in favour of "The Head, Department of EEE, Anna University, BIT Campus, Tiruchirappalli" payable at Tiruchirappalli. on or before 12th September 2022.

(or)

2.Online payment details :

Account name : The Head, Dept of EEE
Account no : 1602115000000240
IFSC code : KVBL0001602

Send the soft copy of the payment details (either online or offline payment) via email to wevbit2022@gmail.com

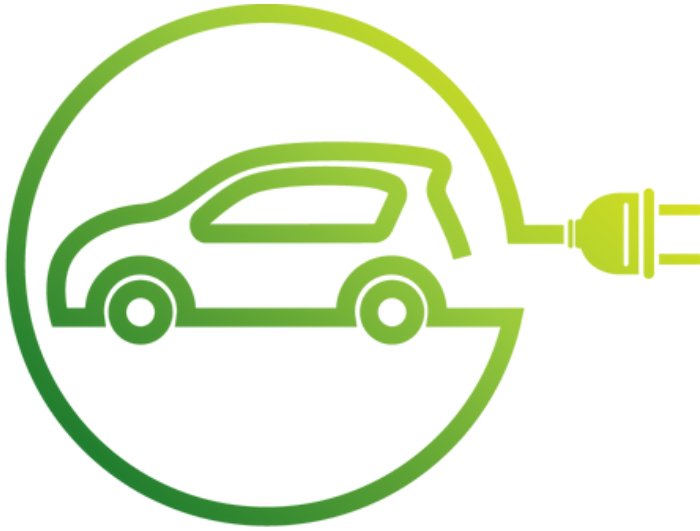
IMPORTANT DATES

Last Date for Registration : September 12, 2022
Selection List by mail : September 13, 2022
Workshop Date : September 14, 2022

CONTACT DETAILS

Dr.R.Gandhi Raj, Dr.S.Rajalakshmi,
Department of EEE
UCE (BIT) Campus,
Anna University Tiruchirappalli

Email id : wevbit2022@gmail.com
Mobile no : 98403 26936 , 87544 86012



One-day National level workshop on Applications of Power Electronics in e-Vehicle

ANNA UNIVERSITY
PROGRESS THROUGH KNOWLEDGE

Organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING,
UCE-BIT CAMPUS,
ANNA UNIVERSITY, TIRUCHIRAPPALLI - 620 024

Anna University, BIT Campus Tiruchirappalli

The Anna University, BIT Campus, Tiruchirappalli, has been established by the Government of Tamil Nadu as a "Technical Institution" at Tiruchirappalli, known as Rock Fort City, with a rich cultural heritage and home to many reputed educational institutions. The BIT institution is one of the constituent colleges of Anna University, Chennai. The Institution was established with a view to imparting quality student-centered technical education so as to produce proven technocrats and to strive hard for continuous development and improvement in learning, research and developmental activities. Teaching, research, and extension services are carried through the departments and centres of the institution. The Institution also works towards fostering partnerships with academic and industrial experts to provide quality education and opportunities for entrepreneurial development by providing hands-on training. BIT has carved a niche for itself in providing technical education in the disciplines that are rare of their kind in our country.

Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering was established in 2007 as part of Anna University, BIT Campus, Tiruchirappalli. The Department today is recognised for teaching and for providing an outstanding research environment for staff and students. The Department provides professional training and at the same time participates actively in applied and theoretical research. The Department strives to instil in students the attitudes, values, vision, and training that will prepare them for lifetimes of continued learning and leadership, to develop the ability and passion to work wisely, creatively, and effectively for the benefit of society; to generate new knowledge for the betterment of humankind and disseminate it universally; and to generate realistic and innovative solutions for current and future technological needs.

OBJECTIVE

The paradigm shift from conventional engines to electric vehicles that is happening globally is creating new opportunities for engineering students in the EV industry. This workshop is designed to address research advancements in power conversion topologies and applications in the e-vehicle industry and also to encourage students towards Academic Quality Improvement. This course will offer a unique opportunity to all the participants to learn about the Real Time Applications of Power Electronic Interfaces in e-vehicle systems through theoretical, simulation, as well as laboratory-based experiments. This event will cover knowledge about power electronics interfaces to e-vehicles. It will also help the participants to understand the fundamentals and working model of e-vehicles. In addition, this workshop aims to provide scope for future research.

TOPICS COVERED

- Charging infrastructure (ON Board/OFF Board) for Electric Vehicles.
- High-frequency Soft-Switching DC-DC power conversion
- LED Lighting Systems in EVs
- Modern Electric Drives and Control Techniques for EVs
- Bidirectional DC Converters for Storage Interface in EVs
- Battery storage systems with BMS features.
- Provide hands on exposure to real time digital control techniques.
- Hands on simulation practice of inverters, high gain converters, PV fed converters, resonant converters and its wide applications.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. R. Velraj,
Vice Chancellor,
Anna University, Chennai

PATRONS

Dr. G. Ravikumar,
Registrar,
Anna University, Chennai

CHAIR

Dr.P.Hariharan,
Director-Constituent Colleges,
Anna University, Chennai

CONVENER

Dr.T.Senthilkumar,
Dean,
UCE-BIT Campus,
Anna University Tiruchirappalli

ORGANIZING SECRETARY

Dr.P.Anbalagan,
Head of the department - EEE
UCE-BIT Campus
, Anna University Tiruchirappalli

COORDINATORS

Dr.P.Anbalagan,
Dr.R.Gandhi Raj,
Dr.S.Rajalakshmi,

Dept of EEE
UCE-BIT Campus,
Anna University Tiruchirappalli.