

## CHIEF PATRONS

**Prof Y. Vrushabhendrappa**, Director, BIET, Davanagere

**Dr H. B. Aravind** Principal, BIET, Davanagere

**Dr Suniths G.S.** Dean R&D, HOD, ECE Dept, BIET, Davanagere

**Dr. M.S. Nagaraj**, Prof. & HOD, EEE Dept BIET, Davanagere

## Course Coordinators from BIET

### **1. Dr. Anjaneya L. H.**

Professor, Dept of EEE,

[anjudvg71@gmail.com](mailto:anjudvg71@gmail.com), 9900558248

### **2. Dr. Shivakumara Swamy G. M**

Associate Professor, Dept of EEE,

[gms20mar@gmail.com](mailto:gms20mar@gmail.com), 9590621959

### **3. Mrs Swetha S.**

Assistant Prof., Dept. of ECE,

[shwethakruti@gmail.com](mailto:shwethakruti@gmail.com), 8217408486

## Principal Investigator

### **Prof. Gaurav Trivedi**

Professor, Dept. of EEE, IIT Guwahati

PI of E&ICT, IIT Guwahati

## Course Coordinator from E&ICT Academy IIT Guwahati

Mr. Neelotpal Sharma

Associate Project Engineer

[neelotpal2021@iisi.iitg.ac.in](mailto:neelotpal2021@iisi.iitg.ac.in), 7002518971

## Venue

Bapuji Institute of Engineering and Technology (BIET),  
Davanagere, Karnataka



## About E&ICT Academy

Electronics and ICT Academy is an initiative of the Ministry of Electronics and Information Technology (MeitY), Govt. of India for conducting various Faculty / Research Scholar Development Programme. Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands-on training and project work using the latest software tools and systems. In addition, the Academy will conduct specialized / customized training programmes and research promotion workshops for corporate sector & educational institutions.

## Who Can Attend?

The Programme is open to Faculty Members and PhD Research Scholars from universities and colleges. Faculty members are requested to submit an NOC from their respective institute before attending the session.

For details of the Programme and course contents please log in to Electronics and ICT Academy website: <https://eict.iitg.ac.in>



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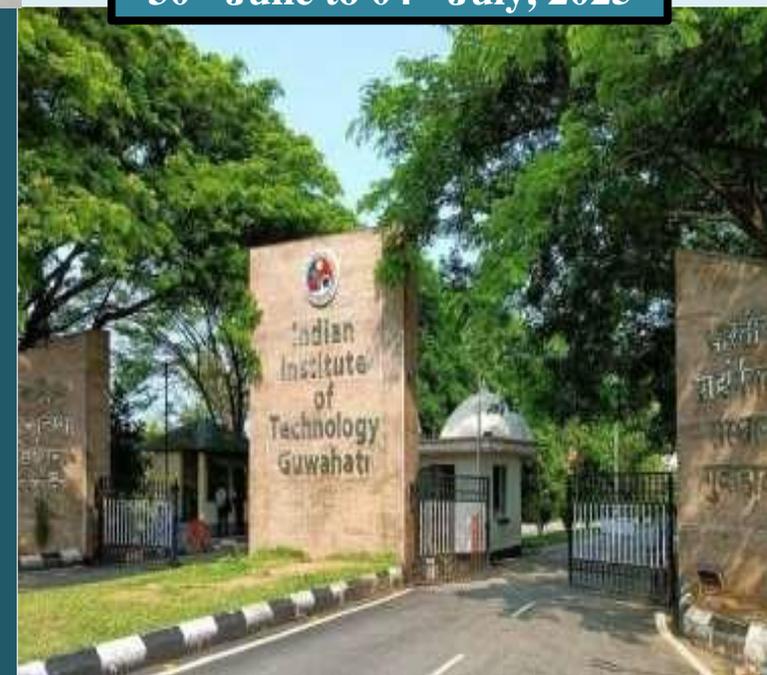
[eictacad@iitg.ac.in](mailto:eictacad@iitg.ac.in)  
[eictacad@gmail.com](mailto:eictacad@gmail.com)



**One Week Faculty Development Programme**  
on

**Trends/Scope in Electric Vehicle**

**30<sup>th</sup> June to 04<sup>th</sup> July, 2025**



Organized by

**E&ICT Academy, IIT Guwahati**

in association with

**Bapuji Institute of Engineering and Technology,  
Davanagere, Karnataka**

and

**Experts arranged by E&ICT Academy, IIT Guwahati**



## About the Institution

Bapuji Institute of Engineering and Technology (BIET), one of Karnataka's top ten self-financing Engineering Institutions, offers high-quality education to produce skilled Engineers and Technocrats. Spanning 63 acres, the campus provides state-of-the-art infrastructure for academic and extracurricular excellence. BIET offers 13 undergraduate and 5 postgraduate programs, along with 14 VTU-recognized research centers. Approved by AICTE, New Delhi, recognized under UGC sections 2f & 12(b), the institute emphasizes industry collaboration through skill training, industrial visits, expert lectures, and advanced learning methods. The Industry-Institute Partnership Cell (IIPC) fosters collaboration, consultancy, and entrepreneurship. The institute programmes are accredited by National Board of Accreditation (NBA), New Delhi, during 2001, 2004, 2008 and 2023 and NAAC with an 'A' grade in 2017 and 2023, BIET continues to uphold academic excellence and industry relevance.

## Course Outcomes

By the end of the course, participants will be able to::

- ❖ Understand the complete ecosystem of Electric Vehicles.
- ❖ Analyze the scope and challenges in the adoption of EV technology.
- ❖ Apply knowledge in academic and research contexts to develop EV-related modules or projects.

## Objectives

- ❖ To provide in-depth knowledge on the fundamental and emerging trends in Electric Vehicle (EV) technology.
- ❖ To enhance understanding of EV components, architecture, and energy storage systems.
- ❖ To explore the current and future scope of EV in the Indian and global automotive markets.
- ❖ To introduce participants to practical tools, and case studies related to EV development.

## Activities:

- ❖ Expert lectures and technical sessions
- ❖ Hands-on sessions on simulation tools and EV modeling
- ❖ Group discussions and Q&A sessions
- ❖ Mini-capstone activity: EV component/system design
- ❖ Feedback and assessment

## Pre-Requisite

- ❖ Basic knowledge of Electrical and Electronics Engineering
- ❖ Familiarity with vehicle dynamics and energy systems is recommended
- ❖ Enthusiasm to explore mobility and clean energy technologies

## Please Note:

- ❖ Registration fees includes E&ICT Academy kit bag, stationaries, 5-days lunch and high tea, evaluation participation certificate and grade certificate.
- ❖ Participants have to submit UTR No. as the proof of payment while registering for the Faculty Development Programme.
- ❖ Registration Fees is refundable if the registration cancellation request is submitted before the last date of registration.

## Course Date:

30th June to 04th July, 2025

## Per Day Timing:

09:30 am to 05:30 pm

## Contact Hours for the Course:

40Hrs (Theory, Activities, Case Studies & Evaluation)

**Registration Fees: Rs. 1000/-** (Inclusive of GST)  
Mode of payment: Online only (NEFT/RTGS/IMPS)

## For payment of Registration fees:

**Bank Name:** State Bank of India  
**Account Name:** IIT Guwahati R and D E and ICT Academy  
**Account No.:** 36071160089  
**IFSC Code:** SBIN0014262



**Registration Link:** <https://forms.gle/fiTT257fjLf6H45R8>

**Last Date of Registration:** 20/06/2025

(Online Registration Link will be open from: 05/06/2025)