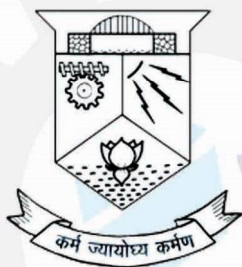


COLLEGE OF ENGINEERING TRIVANDRUM



National Conference on Innovations in Electric Vehicle Technologies (IEVT 2019)

7-9 March, 2019



1. ABOUT COLLEGE OF ENGINEERING TRIVANDRUM (CET)

College of Engineering Trivandrum established in the year 1939, which is the first Engineering College in Kerala and eighteenth in India with seven students in three branches. Over the years, the intake of students has increased and at present, the college is offering eight undergraduate, 27 post graduate programmes including MBA, MCA and Doctoral programmes under APJ Abdul Kalam Technological University. It has around 4,800 students, 285 faculty and 290 non-teaching staff.

Ever since its inception, the college has maintained its eminence as a leading engineering institution in India. The college ranks among the top in the country in the quality of its graduates and the number of top job positions held by its graduates. With such an eminence in the academic and curricular activities, the college is the most sought after engineering college for engineering degree programmes in the state. All of the departments are engaged in research activities in various fields.

Department of Electrical Engineering offers B.Tech programme in Electrical and Electronics Engineering and four M.Tech programmes (Control Systems, Power Systems, Electrical Machines and Guidance and Navigational Control). The department is recognised as a QIP centre for PhD Programme. Two research works in hybrid and electric vehicles have been completed in the department and more than 7 PG and UG projects were done in this area. It has good infrastructure as well as faculty with expertise in conducting research in electric vehicles and e-mobility.

In order to address the needs and challenges in e-mobility technologies, College of Engineering Trivandrum is conducting a national conference on electric vehicles to expose the electric vehicle scenario in India.

2. ABOUT THE CONFERENCE

National Conference on Innovations in Electric Vehicle Technologies (NCIEV 2019) is an interdisciplinary conference targeted to expose the developments in electric vehicle technology. The technical programme of the conference consists of invited talks, tutorial sessions, contributory papers relating to original research and development work and a technical exhibition.

3. CONFERENCE THEMES

Conference is focussed on the following themes and not limited to:

1. Design and development of advanced electric drives
2. Control strategies for EVs
3. Battery Technologies
4. Electric motor design for EV applications
5. Battery management system
6. Vehicle charging infrastructure
7. Design and development of Electric Vehicles (EV) like two-wheeler, three-wheeler, bus, boat etc.
8. Hybrid electric vehicle and fuel cell vehicle
9. Internet of Things (IoT) and Artificial Intelligence (AI) based management of Electric vehicles

4. PARTICIPATING INSTITUTIONS

The organizers are expecting the involvement/participation of industries, R&D organizations and start-ups. They can exhibit their products in the exhibition to be arranged along with the conference and contribute papers for presentation. Following institutions are expected to participate.

1. Center for Development of Advanced Computing (CDAC), Trivandrum
2. Energy Management Center, Trivandrum
3. Kerala State Electricity Board Ltd.
4. ANERT
5. IIT Madras
6. Industries like KAL, Mahindra & Mahindra Ltd, etc.

5. PAPER SUBMISSION

Papers prepared in accordance with the guidelines provided in the website (<http://ee.cet.ac.in/IEVT2019.html>) are to be uploaded through the conference management system between 18th January and 15th February 2019.

6. REGISTRATION AND ACCOMODATION

At least one of the authors of the accepted papers should register for the conference. Registration form in the specified format along with the registration fee in the form of Demand Draft, drawn in favour of IEVT 2019 payable at Thiruvananthapuram should be sent to the Co-ordinators.

Participants have to make their own arrangements for travel and accommodation. However, the conference committee will assist in identifying suitable accommodation.

7. AUTHOR REGISTRATION FEE

Students/ Research Scholars	: Rs. 1000
Delegate from Academic/ R&D Organisation	: Rs. 1000
Delegate from Industries	: Rs. 2000
Pre-conference tutorial	: Rs. 500

The registration fee includes lunch and refreshments during the conference days and CD-ROM of the conference proceedings. Papers with at least one of the authors registered for the conference will be included in the proceedings.

8. IMPORTANT DATES

Paper submission begins	: 18 th January 2019
Paper submission ends	: 15 th February 2019
Intimation of acceptance	: 22 th February 2019
Submission of camera ready paper	: 25 th February 2019
Registration	: 25 th February 2019 onwards

Chief Patron

Dr. K. P. Indira Devi (Director of Technical Education)

Patron

Dr. Jiji C. V. (Principal, CET)

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Sri. Vijayan Nandalan, Former Scientist, ISRO.

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For details, please visit: <http://ee.cet.ac.in/IEVT2019.html>