

Registration Form

One Week Training Programme on

**Power Electronics & Drives for Vehicular Systems -  
Technology Status & Future Trends**

(Under TEQIP Phase - II)

23<sup>rd</sup> to 28<sup>th</sup> November, 2015

1. Name : .....
2. Qualifications : .....
3. Designation : .....
4. Department : .....
5. Institute / Organisation : .....
6. Experience (in years) Teaching : .....  
Industry : .....
7. Address : .....  
Phone ..... e-mail .....
8. D.D. Particulars  
Amount Rs.: ..... Date : .....
- D.D. No: ..... Bank : .....

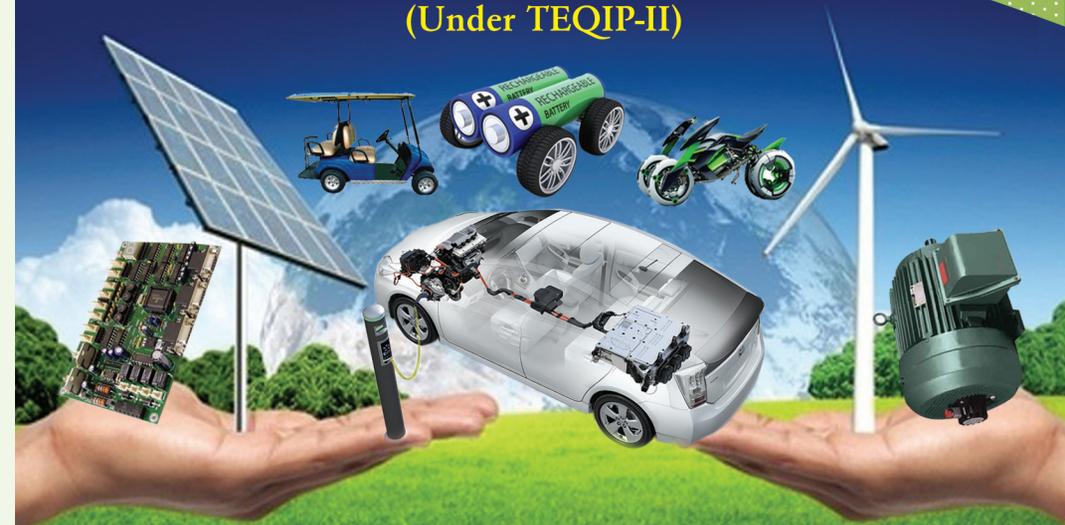
Date: ..... Signature of the applicant

Signatures of the Sponsoring Authority

*One Week Training Programme on*  
**Power Electronics & Drives for Vehicular Systems-  
Technology Status & Future Trends**

23<sup>rd</sup> – 28<sup>th</sup> November, 2015

(Under TEQIP-II)



*Organized by:*  
**Department of Electrical Engineering**  
**UNIVERSITY COLLEGE OF ENGINEERING (A)**  
**Osmania University, Hyderabad**



*Venue:* e-Class room, Department of Electrical Engineering  
University College of Engineering (A), Osmania University

*In Association with*



**Introduction:** In the era of increased global emissions and global warming, emphasis is on how to protect the mother Earth. A lot of research is being carried out world-wide, on reducing the emissions which is the major cause of global warming. Electric/Hybrid vehicles are one of such commodities which, not only has proved to have less emissions but also are capable of using renewable sources of energy thus preventing further depletion of fossil fuels.



**Aim of the Programme :** While a lot of research is being carried out worldwide on electric/hybrid vehicle technology, there is still a lot of white space around it. With an aim to inculcate interest and improve research on electric/hybrid vehicles in India, a six day training is being conducted by the Electrical Engineering Department, Osmania University. The training not only throws light on this existing electric/hybrid vehicle technology but also allows the participants to know the future market and technology trends. This will enable the participant to identify the areas of research that is of their interest. This is a platform for exchange of ideas that can result in eco-friendly industrial growth.

**Course Content** emphasizes on Electrical Machines, Power Electronics and Controls which are briefly categorized as

- Types of machines suitable for electric/hybrid vehicle applications and their challenges.
- Understanding role of power electronics, existing circuitry and their limitations
- Designing of the controls required for this applications and demands from the industry
- Understanding battery technology
- Modeling of Hybrid Electric Vehicles

**Resource Persons** are drawn from premier institutions like IITs, NITs, Industries and research organizations. Few of them are

- **Dr.P.V.Rajgopal**, Addl.General Manager (Retd), BHEL, Corporate R&D, Hyderabad
- **Prof.Tulsi Ram Das**, Former VC of JNTU
- **Prof.K.Munshi**, Professor, IIT Bombay
- **Dr.Eng Praveen Kumar**, Associate Professor, IIT Guwahati
- **Mr.R.Soundara Rajan**, Sr.Project Manager(Tech), BDL

**Expected Participants** are from R&D institutions, Automobile Industries, Research scholars and Faculty of Engineering and Polytechnique Colleges

**About The Department:** Osmania University, established in 1918, is the seventh oldest in India which is currently *holding 5th position among the top 10 universities in India with Potential for Excellence*. The University College of Engineering, a part of Osmania university, was established in the year 1929 and became autonomous in 1994. The department of Electrical Engineering was started in the year 1949 and celebrated its Golden Jubilee during the academic year 1999-2000. The Ph.D program was introduced in 1972. The department is well equipped with all the required labs with AICTE funding. The department has procured latest software, machines and other sophisticated equipment under TEQIP.



Registration fee Details:	
Participants	Amount(Rs)
Industry/Research Organizations	4000
Faculty and Research Scholars	2500
Students	1500

The registration fee is to be sent along with the registration form in the form of demand draft in favor of "Head, Department of Electrical Engineering, UCE(A), OU." Filled-in registration forms may also be sent by e-mail with a scanned copy of the DD to [pedvs.eedou@gmail.com](mailto:pedvs.eedou@gmail.com) Original DD should be submitted at the time of registration. Spot registration facility is also available.

**Boarding and Lodging :** Boarding and Lodging for the participants will not be arranged by U.C.E (A), OU. Registration fee does not include accommodation charges. It only includes lunch and workshop kit.

### Important dates

Last date for receipt of registration form : 1<sup>st</sup> November, 2015  
 Intimation about selection : 7<sup>th</sup> November, 2015  
 Spot registration and reporting time : 23<sup>rd</sup> November, 2015, 9.00am

### Seminar Organisation

**Chief Patron** : Smt.Ranjeev R.Acharya, IAS, Vice Chancellor Incharge, OU  
**Patrons** : Prof.E.Suresh Kumar, Registrar, Osmania University  
 Prof.S.Ramchandram, Principal,UCE(A), Osmania University  
**Chairperson** : Mr.B.Mangu, Head, Dept. of Electrical Engineering, UCE(A), OU, Hyd  
**Co-ordinators** : Mrs.E.Sreeshobha, Assistant Professor, EED, UCE(A),OU  
 Mrs.U.Suryavalli, Assistant Professor, EED, UCE(A),OU  
**Technical Advisor** : Dr.P.V.Rajgopal, Addl.General Manager (Retd), BHEL, Corporate R&D, Hyderabad

### Advisory Committee

**Prof.P.V.N.Prasad**, EED, UCE(A),OU  
**Prof.G.Yesuratnam**, EED, UCE(A),OU  
**Dr.M.Manjula**, Asso.Prof., EED, UCE(A),OU  
**Mr.M.V.Ramana Rao**, Asst.Prof., EED, OU  
**Dr.G.Mallesham**, Asst.Prof., EED, OU  
**Dr.P.Srinivas**, Asst.Prof., EED,OU  
**Mr.CH.Siva Kumar**, Asst.Prof., EED,OU  
**Mrs.G.V.Naga Lakshmi**, Asst.Prof., EED,OU  
**Mr.R.Linga Swamy**, Asst.Prof., EED,OU  
**Mrs.N.Susheela**, Asst.Prof., EED,OU  
**Dr.E.Vidya Sagar**, Asst.Prof., EED,OU  
**Dr.P.Satish Kumar**, Asst.Prof., EED,OU  
**Mr.P.Lokender Reddy**, Asst.Prof., EED,OU  
**Mrs.N.Srilatha**, Asst.Prof., EED,OU  
**Mrs.B.Sirisha**, Asst.Prof., EED,OU  
**Dr.J.Upender**, Asst.Prof., EED,OU  
**Ms.G.Jhansi Rani**, Asst.Prof(C), EED,OU  
**Mr.S.Vijender Reddy**, Asst.Prof(C), EED,OU  
**Mr.G.Srikanth**, Asst.Prof(C), EED,OU  
**Mr.G.Kiran Kumar**, Asst.Prof(C), EED,OU

### Address for Correspondence

#### Co-ordinator

One Week Training Programme on Power Electronics and Drives for Vehicular Systems  
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