About FDP

Faculty Development Programme

The FDP aims at equipping the faculty with skills and knowledge that are essential to meet the growing needs of industry and society in the area of sustainable technologies focussing on Electric Transportation Systems.

From this FDP, faculty learn present technologies in the areas of renewable energy, electric transportation, power electronics, electric drives, control techniques, smart grids, communication protocols, intelligent charging infrastructure and standards. In view of changing scenario under sustainable energy and electric transportation, this FDP aims to put together the speakers from these areas to disseminate their knowledge and experience for the listeners to work in years to come. It will provide an interactive forum for discussion on recent and on-going developments, key issues and challenges, and practices.

FDP Topics:

- Vehicle to Grid and Grid to Vehicle bidirection--al power flow
- Emerging Dimensions in Artificial Intelligence Tech--niques
- Recent Development in Automotive Technology
- Development of charger for EV charging
- EV infrastructure, charging and control system
- Advance Metering Techniques/Devices
- Motor and their control for EV
- Cyber Physical Systems
- Digital Twin

About Institute

GRIET is a premier institute of engineering, established in the year 1997 under the patronage of the Gokaraju Rangaraju Educational Society. The college is approved by AICTE and is affiliated to JNTU, Hyderabad. It has been given autonomous status by UGC. All the programs are accredited by NBA under Tier-I. The Institute is accredited by NAAC with A++ grade. The mission of GRIET is to achieve and impart quality education with an emphasis on practical skills and social relevance. GRIET strives to provide state-of-art infrastructure. Highly qualified faculty continuously review, Innovate and experiment teaching methodologies and learning resources and focus on research, training and consultancy through an integrated institute-industry symbiosis.

About Department

Department of Electrical & Electronics Engineering is one of the oldest departments of GRIET started in 1997. Department offers 1 UG Program (B.Tech-EEE) and 1 PG Program (M.Tech – Power Electronics), with a present intake of 60 UG and 18 PG students per year. EEE Department is accredited by NBA under Tier-I. Received Best Student Project Award from ISTE in 2017. The department had received gold medals for two consecutive years as toppers of JNTUH. The department is approved as recognised JNTUH research centre. The department undertakes consultancy projects for industries and actively involved in the various research projects worth Rs 2 Crore funded by AICTE, DST and other organizations.

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

Organised by:
Department of
Electrical and Electronics Engineering

PANTECH SOLUTIONS
Technology Beyond The Dreams

AICTE
Sponsored
Faculty Devlopment Programme (FDP)
Phase II

SUSTAINABLE TECHNOLOGIES
FOR ELECTRIC TRANSPORTATION SYSTEMS
(12 July 2021 – 24 July 2021)

Coordinator
Dr Dola Gobinda Padhan,
Professor, EEE

Chief Patron

Mr G.V.K. Ranga Raju, Vice President, GRES

Patrons

Mr M.G. Sekharam, CEO, GRES
Dr Jandhyala N. Murthy, Director, GRIET
Dr J Praveen, Principal, GRIET
Dr K.V.S. Raju, SAO, GRIET
Dr Swadesh Kumar Singh, Dean R & D, GRIET

Co Patron

Dr J Sridevi, HoD, EEE

Coordinator

Dr Dola Gobinda Padhan, Professor, EEE

Co-coordinators

Mr. V Vijaya Rama Raju, Asso. Professor, EEE
Dr. P Sri Vidya Devi, Asso. Professor, EEE

Organising Members

Dr. D Raveendhra, Asso. Professor, EEE
Mr. Sarfaraz Nawaz Syed, Asso. Professor, EEE
Mr. R Anil Kumar, Asst. Professor, EEE
Ms. M N Sandhya Rani, Asst. Professor, EEE
Ms. M Rekha, Asst. Professor, EEE
Ms. P Sirisha, Asst. Professor, EEE
Mr. P Prasanth Kumar, Asst Professor, EEE
Mr. M Prashanth, Asst. Professor, EEE

Call us For more info

+91 8985957211
+91 9440821902

fdpaicte2021eee@griet.ac.in
www.eee.griet.ac.in/

Resource Persons

Dr Bhim Singh, IIT Delhi
Dr Gauranag Vakil, University of Nottingham
Dr S Surender Reddy, Woosong University, South Korea
Dr Dipankar Debnath, IIT Kharagpur
Dr Sandeep M, NTU Singapore
Dr Ranjan Kumar Behera, IIT Patna
Dr Srinivasan Anandan, Scientist E, ARCI
Dr S Sivasubramani, IIT Patna
Dr B L Narasimharaju, NIT Warangal
Dr Mukesh Kumar Pathak, IIT Roorkee
Dr Bijender kumar, Wipro Limited, Pune
Dr Bharatha Raja Muthu, Designer Reviewer, Valeo
Mr Malaiyappan M, Senior RD Engineer, Pantech Group of Company
Mr Sanjay A P, Product Manager, Pantech Solutions
Dr Dola Gobinda Padhan, GRIET
Dr J Sridevi, GRIET
Dr Phaneendra Babu Bobba, GRIET

Scan QR for Registration

Regstraion Link:
https://forms.gle/QSeX6T7zuQDwUDKF9

Important Dates

Last Date for Registration : 6th July 2021
Intimation of Selection : 7th July 2021

Expected Outcome

After the completion of Programme, the participants can

1. Create an awareness of the need and importance of automotive technology.
2. Gain knowledge and develop skills in diverse training methods in imparting training to students and research scholar.
3. Plan curriculum that can imbibe the skills and competencies to achieve goals, have a positive attitude and can cope with the changing times.
4. Design intelligent controllers for sophisticated system.
5. Develop Techniques of proposal preparation and write feasible and viable project.

Target Audience

This course is open to Faculty members of University or Engineering Institutions or Polytechnic, who wish to become the motivators, trainers & facilitators of technology.

Registration Details

The registration is free for the faculty members from AICTE approved institutions & Scientistis working in industries. The number of participants is limited to 200 and the selection is based on first come – first serve basis.

E-certificate will be issued to all the particpants who are attending all the sessions and qualifying the online quiz/test.