

About STTPShort Term Training Programme

The STTP aims at equipping the faculty with skills and knowledge that are essential for inculcating moral values in students and guiding and monitoring their progress towards professional career.

From this Programme, 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 Programme 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.

STTP Topics:

Upcoming battery technology/Battery management systems
Safety Issue for Automotive /Fault diagnostic & prognosis
6G Vision, potential technologies, and challenges
Next generation smart vehicles/Future mobility
Wide Bandgap Power Devices for Automotive
Solar-Powered EV charging Scheme
Wireless charging for Automotive
Vehicle Onboard Diagnostics
Digital Twin in Automotive
Sensors for Automotive
Reliable circuit Design
5G Transreciever
SMPS Design

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 JNTUH, Hyderabad and has been given autonomous status. 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. Multi-specialty 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 started in 1997 and is one of the largest departments of GRIET. Department offers 1 UG Program (B.Tech-EEE) and 2 PG Programs (M.Tech – Power Electronics, M.Tech – Power Systems), with a present intake of 120 UG and 60 PG students per year. All the programs are 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)

AICTE

Sponsered

Short Term Training Programme (STTP) on

for a Sustainable future

Sub Theme: Technology for Future Electric Transportations

(5 Oct 2020 - 10 Oct 2020)

Phase - II

Organised by:
Department of
Electrical and Electronics Engineering

Chief Patron

Mr G.V.K. Ranga Raiu 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. Raiu, 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

Dr B Phaneendra Babu, Professor, EEE Dr Asisa Kumar Panigrahi, Associate Professor, ECE

Organising Members

Dr P Sri Vidya Devi, 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 Karthika, Asst. Professor, EEE

Resource

Persons

Prof. Mohan Lal Kolhe, University of Agder, Norway

Prof. Fernando Tadeo, Universidad de Valladolid, Spain

Prof. Zuhaina Zakaria, Universiti Teknologi MARA, Malaysia

Dr Nirmal Nair. The University of Auckland, New Zealand

Dr Nishant Kumar, National University of Singapore (NUS) Singapore

Dr. Brij N. Singh, John Deere Technical fellow, USA

Dr Gaurang Vakil, University of Nottingham, UK

Mr Vaitheeswaran Kandasamy, ASTI Mobile Robotics Burgos, Spain

Dr. Maynank Panwar, National Renewable Energy Laboratory, USA

Dr Ajit Kumar Panda, IEEE distinguished lecture

Dr. Ambika Prasad Shah, IIT Jammu

Dr. Rahul J Pandya, IIT Dharwad

Dr Shashank Vyas, The Energy & Resources Institute (TERI), New Delhi

Mr. Chetan Pathak, BSES Rajdhani Power Limited, New Delhi

Dr. Megha Singh, General Electric, Chennai

Dr Venu Sangwan, Graphic era university, Dehradun

Dr. Ahteshamul Haque, Jamia Millia Islamia, New Delhi

Mr. Matheri Suresh, M/S Shalem Enterprises, Hyderabad



Call Us For more info

+91 8985957211 +91 9873630937

sttpaicte2020@griet.ac.in http://www.eee.griet.ac.in/

Expected Outcome

After the completion of Programme. the participants can

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

Target Audience

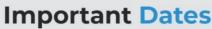
This course is open to Faculty members of University or Engineering Institutions or Polytechnic, who wish to become the motivators, trainers & facilitators of technology.

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

> E-certificate will be issued to all the particiwho are attending all the sessions and qual--ing the online quiz/test.

NO REGISTRATION FEE



Last Date for Registration : Intimation of Selection

Registration link: https://forms.gle/A6bNH1AyNVidyS5X?