

ABOUT THE STTP

Short 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

Future Automotive Technology/Policy, standards
Renewable Energy System Integration to the grid/ AI Application in Automotive
Upcoming battery technology/Super Capacitor
Hands on session on MATLAB /AI & ML app in Automotive Digital Twin
Sustainable Energy developments: Concept and Design, Innovations and Future Research Directions
ML/DL/Bigdata application to Automotive
Hands on session by Typhon HIL
Vehicle onboard diagnostics
Smart Metering/Smart Grid/Sensors for Automotive
Hands on session by Entuple Technology
EV integration to Grid
EV infrastructure, Wireless charging
Hands on session on J Mag Tool

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 1.50 Crore funded by AICTE, DST and other organizations.



GOKARAJU RANGARAJU

INSTITUTE OF ENGINEERING AND TECHNOLOGY

AICTE

Sponsored

Short Term Training Programme (STTP)

on

AUTOMOTIVE TECHNOLOGY

for

a Sustainable future

Sub Theme: Technology for Future Electric Transportations

(7 Sept 2020 – 12 Sept 2020)

Phase - I

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Organised by:
Department of
Electrical and Electronics Engineering



RESOURCE PERSONS

Prof Sagar Naik, University of Waterloo, Canada

Dr Gaurang Vakil, University of Nottingham, UK

Prof Bhim Singh, IIT Delhi

Prof B K Panigrahi, IIT Delhi

Prof Sukumar Mishra, IIT Delhi

Dr Praveen Kumar, IIT Guwahati

Prof N P Padhy, IIT Roorkee

Prof Tripta Thakur, MANIT Bhopal

Prof N P Patidar, MANIT Bhopal

Prof Rajesh Kumar, MNIT Jaipur

Dr Chandrasekhar Narayan Bhende, IIT Bhubaneswar

Dr M Sabarimalai Manikandan, IIT Bhubaneswar

Dr Amit Sethi, IIT Bombay

Prof Sidhartha Panda, VSSUT, Burla

Dr B Satish Babu, Valeo India Pvt Ltd

Mr Karan Jain, Analog Devices

Dr Vashist Bist, Fuji Electric, Pune

Dr Aman Kumar Jha, ST Microelectronics

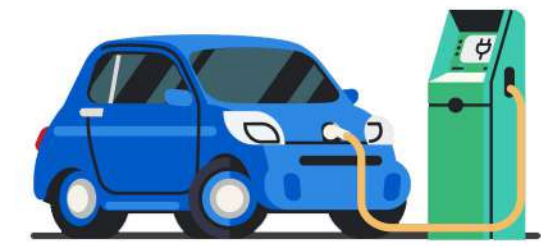
EXPECTED OUTCOME

After the completion of Programme, the participants can

1. Create an awareness of the need and importance of automotive technology.
2. Impart 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. The number of participants is limited to 200 and the selection is based on first come – first served basis.

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

NO REGISTRATION FEE

IMPORTANT DATES

Last Date for Registration : 4 September 2020

Intimation of Selection : 5 September 2020

REGISTRATION LINK:

<https://forms.gle/bgNh3yeMfR4JudLK7>

SCAN FOR REGISTRATION



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CHIEF PATRON

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