About STTP

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, and the aplications of Industry 4.0. 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:

▶ Industry 4.0: Integration of Design and Manufacturing perspectives

▶ Condition monitoring of machine using IoT on Cloud (Hands on)

▶ IoT application in Electric Vehicle with online simulation on Tinkercad platform (Hands on)

▶ Industrial cloud and edge computing

▶ Security, privacy and trust in IIoT

▶ IIoT applications to automotive

▶ Industrial cloud platforms

▶ Cyber Physical Systems

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. It has been given autonomous status by UGC. 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 1 PG Programs (M.Tech – Power Electronics), with a present intake of 60 UG and 18 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.

INTERNET OF THINGS

Organised by:
Department of Electrical and Electronics Engineering

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

AICTE
Sponsored

Short Term Training Programme (STTP)
Phase III

AUTOMOTIVE TECHNOLOGY FOR A SUSTAINABLE FUTURE

Sub Theme: IIoT and Cloud computing applications to automotive

(14 Dec 2020 – 19 Dec 2020)

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

Dr Padmalaya Nayak, Professor, CSE
Dr Asisa Kumar Panigrahi, Associate Professor, ECE

Organising Members

Mr V Vijaya Rama Raju, Asso. Professor, EEE
Dr P Sri Vidya Devi, Asso. Professor, EEE
Dr. D Raveendhra, Asso. Professor, EEE
Ms G Sandhya Rani, Asst. Professor, EEE
Ms M Rekha Asst. Professor, EEE
Mr P Prashanth, Asst. Professor, EEE
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Mr Paramananda Jena,
DRDO, Bangalore

Prof Siba Narayan Swain,
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Mr. Chandra Sekhar Pasumaruthi,
Microsoft India (R&D) Pvt. Ltd.,Hyderabad

Mr Vipin Gupta,
Director, U-Net Solutions, Chandigarh

Mr Ajay Kumar,
NITTTR, Chandigarh

Prof Srinivasa K G,
NITTTR, Chandigarh

Mr Nischal Godhavarjula,
Mercedes Benz R &D, Bangalore

Mr Sudesh Morey,
DRMZ System Innovations Pvt Ltd, Bhopal

Scan QR for Registration

Registration link: https://forms.gle/ZmiZnau6VY3vEzbh7

Important Dates

Last Date for Registration :   12 December 2020
Intimation of Selection   :   13 December 2020

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 & 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 qualify-ing the online quiz/test.

NO REGISTRATION FEE