

PRAGATI ENGINEERING COLLEGE
(Autonomous)
Department of EEE

REGISTRATION FORM

AICTE Sponsored One Week Online STTP
(Phase-II)
on
“Recent Challenges & Emerging
Opportunities in Electric Vehicles”
(from 07.12.2020 to 12.12.2020)

- ❖ Name:
- ❖ Designation:
- ❖ Department:
- ❖ Organization:
- ❖ Address:
- ❖ Mobile No.:
- ❖ E-mail address:

Signature of the Candidate

Dr/Mr./Ms -----is a
faculty/research scholar of our institution
and is hereby permitted to attend A One
Week Online STTP on **“Recent Challenges**
& Emerging Opportunities in Electric
Vehicles” at Pragati Engineering College,
Surampalem, East Godavari from
7thDecember to 12thDecember2020.

Place:

Date: HOD/Principal

Chief Patron

Dr. Paruchuri Krishna Rao,
Chairman, Gayatri Educational Society

Patrons

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Sri. M. Satish , Vice – President
Dr. G. Raghuram, Director (Academics)

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Dr. S. Sambhu Prasad, Principal

Coordinator

Dr K Satyanarayana, Professor & HOD- EEE

Co-Coordinator

Smt. K Sandhya Rani,
Assistant Professor of EEE
Sri. R S Sudhakar,
Associate Professor of EEE

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Director of foreign university Relations, JNTUK,
Dr. G. Naresh, Prof. of EEE & Dean – Admn
Dr.P.V.S.Machiraju-Prof.of Chemistry & Dean-R&D,
Dr.Y.Jaya Babu, Controller of Examinations
Dr. B.V.N.S. M. Nagesh Deevi, HOD-ECE,
Dr. M. Radhika Mani, HOD – CSE
Smt. D. Sirisha, HOD –IT
Dr. B. S. V. Ramarao, HOD-ME
Sri. M. Sandeep, HOD-CE
Dr. M. Balaiah, HOD – BS&H
Sri. S. Vamsi Kiran, Training and Placement officer

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Ms. S Varalakshmi, Assistant Professor
Mr. K. Siva Shankar, Assistant Professor
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Mr. B Veera Babu, Assistant Professor
Mr. T Srinivas, Assistant Professor
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Mr.K.Sree Harsha, Assistant Professor



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Organized by

Department of EEE

PRAGATI ENGINEERING COLLEGE
(Autonomous)

ADB Road Surampalem, East Godavari Dist.
Andhra Pradesh, INDIA- 533 437
Ph: 08852-252233. Fax: 0863-2293102
Website: www.pragati.ac.in

About the College

Pragati Engineering College (Autonomous) is established in the year 2001, by M/S Gayatri Educational Society in Surampalem, E.G. Dist., A.P. The institution is accredited by NAAC with “A” grade in the year 2015 and attained the autonomous status in 2016. Pragati has been graded as gold in the AICTE-CII survey of industries-linked technical institutions-2016. It is rated as “A” grade by knowledge mission, Govt. Of India. Pragati has been designated as centre of excellence (knowledge exchange centre) by M/S Infosys Ltd. College attained AAA rating for the year 2020 by Careers 360 and has been ranked one among the Top 10 Colleges in A.P. by Silicon India. Three Departments of ME, CSE, and ECE are recognized as Research centres. The institution stood 21st position and also considered as active local chapter by SWAYAM-NPTEL.

About the Department

The Department of EEE is offering one UG program B.Tech EEE, and one PG program–M.Tech (Power Electronics and Electric Drives). The Department is recognized as Research Center by JNTUK, Kakinada. The Electrical and Electronics Engineering department of this college is started with the objective of giving best “Technical Education” to aspire Electrical Engineers. This department provides an environment where young minds can grow to their full potential and become strong, principled and committed citizens of the country. This department faculty consists of experienced Professors, qualified & dedicated Associate Professors and young & dynamic Assistant Professors

About the Programme:

The Programme is planned effectively to serve the engineering community to realize the need for hybrid electrical vehicles. Electric vehicles are even more eco-friendly, when almost all electricity comes from a

clean, renewable source. The environment friendly vehicles emits low carbon compound and are an alternative for combustion

Topics of the STTP:

- Electric Vehicles & Charging stations State schemes/ incentives etc
- EV Design Aspects of BLDC Motor & EV Design Motors & Magnet Software & simulation
- EVs - Battery Management system
- Isolated DC-DC Converter for Photovoltaic Electric Vehicle
- Financial Assistance for Establishing Business Units & Approach for Bank's Fund for various schemes
- PV fed Motor Drives and Grid connected PV system applications
- Electric Vehicles Smart Charging Solutions, Drives & Application
- IoT Technologies, RFID & Cloud Application for Electric Vehicles
- EV Market Scenario & Case studies
- EV Charging Infrastructure Planning and Emerging Opportunities in India

Resource Persons:

Eminent speakers from premier institutes like IIT's, NIT's, State Universities and Industry will deliver the lectures.

Eligibility Criteria:

This programme is open to all AICTE approved Engineering college faculty, research scholars, and industry persons. Selection of participants will be on first-cum-first-serve basis.

Registration Fee & other Information:

There is NO registration fee for participants. Selection will be based on AICTE-STTP rules and regulations. Faculty Members / Industry professionals can register for the same using the following registration link.

<https://forms.gle/3fgx4n2aci6wAy82A>

Event platform: Virtual Mode (Microsoft Teams app)

Windows Desktop:

<https://www.microsoft.com/en-in/microsoft-365/microsoft-teams/download-app#desktopAppDownloadregion>

Android and IOS mobile:

<https://www.microsoft.com/en-in/microsoft-365/microsoft-teams/download-app#office-SmsEmail-ntsjwr>

Shortlisted participants will be informed through e-mail. A Test will be conducted at the end of the STTP. The certificate shall be issued to only those participants who attended the all programmes and qualified in the Test. The e-certificate shall be issued to the participants who have minimum 80% attendance and 60% marks in the Test.

Important Dates

Last Date for Submission of Online Registration form	:04-12-2020
Intimation of selection	:05-12-2020

Address for Correspondence

Dr K Satyanarayana,
Coordinator & HOD-EEE
Pragati Engineering College
(Autonomous)
East Godavari District,
Andhra Pradesh, India-533437
Mobile:9000195104,9701712166



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
1-378, ADB Road, Surampalem – 533 437, Near Peddapuram, E.G.Dist., A.P.
Ph: (08852) – 252233, 252234, 252235 Fax: (08852) – 252232



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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S.NO	DATE	SESSIONS-1(10.00 AM to 12.00 PM)	SESSION-2(1.30 PM to.3.30 PM)
1	07.12.2020	<p>Key note: “Recent Challenges & Emerging Opportunities in Electric Vehicles”</p> <p>Electric Vehicles & Charging stations State schemes/ incentives etc.</p> <p>Shri. AVLK Jagannadha Sharma, Executive Engineer, State Nodal Agency for EV Policy for A.P State operations, APEPDCL & APPCC Vidyuth Soudha / Vijayawada Andhra Pradesh</p>	<p>EV Design Aspects of BLDC Motor & EV Design Motors & Magnet Software & simulation</p> <p>Dr. C. Curanaiselvane, SRM University</p>
2	08.12.2020	<p>EVs - Battery Management system</p> <p>Dr. P Prajof, NIT, Karnataka</p>	<p>Financial Assistance for Establishing Business Units & Approach for Bank's Fund for various Schemes.</p> <p>Dr. N. Manoharan, Ph.D., Former Defense & Bank Executive (Financial Advisor, Soft and Life Skills Faculty)</p>
3	09.12.2020	<p>Isolated DC-DC Converter for Photovoltaic Electric Vehicle</p> <p>Dr. Venkata Ramana Naik NIT, Roorkeela, Odisha</p>	<p>PV fed Motor Drives and Grid connected PV system applications.</p> <p>Dr. Venkata Ramana Naik NIT, Roorkeela, Odisha</p>
4	10.12.2020	<p>Power Converter for Electric Vehicles</p> <p>Dr. Raveendra Dogga Founder & Director Technical Zunik Energies Pvt. Ltd</p>	<p>Motors for Electric Vehicles</p> <p>Dr. Raveendra Dogga Founder & Director Technical Zunik Energies Pvt. Ltd</p>
5	11.12.2020	<p>Electric Vehicles Smart Charging Solutions, Drives & Application</p> <p>Mr. Jayatheerth.S, Managing Director EO-Smart charging solutions, Saurashakthi Hyderabad</p>	<p>IoT Technologies, RFID & Cloud Application for Electric Vehicles</p> <p>Mr. Jayatheerth.S, Managing Director EO-Smart Charging Solutions, Saurashakthi Hyderabad</p>
6	12.12.2020	<p>EV Market Scenario & Case studies</p> <p>Mr. M. Suresh, Managing Director Shalem Enterprises, Hyderabad</p>	<p>EV Charging Infrastructure Planning and Emerging Opportunities in India</p> <p>Mr. M. Suresh, Managing Director Shalem Enterprises, Hyderabad (1.00 PM to.2.30 PM)</p>
			<p>Valedictory (2.30 PM to 3.00 PM) Feedback & Exam (3.00 PM to 3.30 PM)</p>

Mrs. K Sandya Rani

Co-Coordinator

Sri. R S Sudhakar

Co-Coordinator

Dr K Satyanarayana

Coordinator & HOD-EEE

Dr. S. Sambhu Prasad

Principal