



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Event:** Faculty Development Program

**Title:** Trends in Electric Vehicle Design

**Date:** From 22-02-2022 to 26-02-2022

**A.Y.:** 2021-2022

Faculty Development Program on "Trends in Electric Vehicle Design" was organized from 22nd Tuesday to 26th Friday in the Department of Electrical and Electronics Engineering. Principal Dr. V. Raviprasad said that the faculty development program is very useful for improving the teaching skills of higher education.

On this occasion, the Vice Principal of the college Mr. Vishwak Sena Reddy and Head of Department Dr. K.P. Prasad Rao said that such programs would yield good results in teaching methods and teachers in higher education would acquire necessary social skills and professional development on a regular basis.

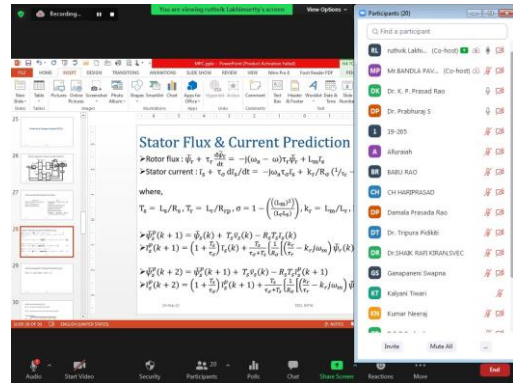
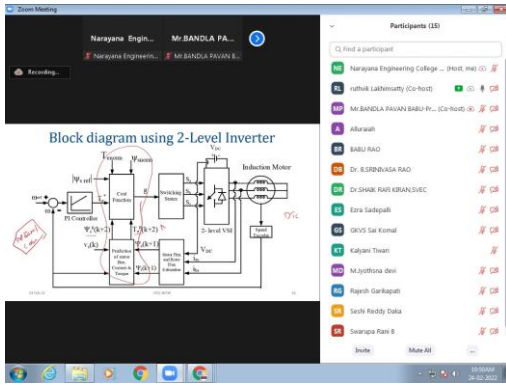
Speakers for this program Dr. G. Srinivasa Rao, (Vigyan University Tenali) on Design and Fabrication of an Affordable Hybrid Auto Rickshaw, Dr. P. Tripura, (R.V.R & J.C College of Engineering, Guntur) on the subject of Electric Vehicle for Smart Cities, Dr. L. Suresh, (NIT Surat) on Model Predictive Control Techniques for Open Ended Winding Induction Motor, Dr. KV Praveen Kumar, (NIT Surat) on PMSM for Electric Vehicle and its Control, and Dr. A. Pandian, (KL Deemed to be University, Guntur) delivered his lecture on Electric Vehicle Charging Station Design in online from the first day to the last day.

Electrical and Electronics Engineering faculty and research students of various engineering colleges participated in this program.

### PHOTOS OF THE EVENT



Banner of the Faculty Development Program



Content delivering by the resource person

FDP Brochure Front Page

<p><b>Narayana Engineering College</b> (AUTONOMOUS) <b>A Five Day</b> <b>Faculty Development Program</b> On <b>"Trends in Electric Vehicle Design"</b> <b>Registration Form</b></p> <p>1. Name :..... 2. Designation:..... 3.Organization:..... 4. Mailing Address:..... ..... ..... Ph.No:..... Email :..... Date:.....</p> <p><b>Signature of Applicant</b> ..... <b>Signature of Sponsoring Authority</b> .....</p> <p><b>Official Seal</b></p> <p><b>Registration Form link:</b> <a href="https://forms.gle/mobmHLKrFaXe5QFj7">https://forms.gle/mobmHLKrFaXe5QFj7</a></p> <p><b>Contact</b> Dr.K.P.Prasad Rao      Mrs.V.Swarna Prof &amp; HoD- EEE      Assoc. Professor 9441130709              9492576336</p> <p><b>Email:</b> <a href="mailto:hodeee@necg.ac.in">hodeee@necg.ac.in</a></p>	<p><b>Founder Chairman</b> <b>Dr. P. Narayana</b></p> <p><b>Chief Patron</b> <b>Sri Y. Vinay Kumar</b> Management Secretary Narayana Educational Society</p> <p><b>Patron</b> <b>Dr. V. Raviprasad</b> Principal Narayana Engineering College Gudur</p> <p><b>Co-Patron</b> <b>Mr. K. Vishwakseena Reddy</b> Vice-Principal Narayana Engineering College Gudur</p> <p><b>Convenor</b> <b>Dr. K. P. Prasad Rao</b> Prof &amp; HoD- EEE</p> <p><b>Coordinator</b> <b>Mrs. V. Swarna</b> Assoc. Prof. EEE Dept.</p> <p><b>Organizing Committee</b></p> <table border="0"> <tr> <td>1. Mr. D. Rajesh Reddy</td> <td>Asst. Professor</td> </tr> <tr> <td>2. Mr. T. Y. Saravanan</td> <td>Asst. Professor</td> </tr> <tr> <td>3. Mr. B. Pavan Babu</td> <td>Asst. Professor</td> </tr> <tr> <td>4. Mr. J. Rajesh Reddy</td> <td>Asst. Professor</td> </tr> <tr> <td>5. Mr. P. Durga Prasad</td> <td>Asst. Professor</td> </tr> <tr> <td>6. Mr. C. Prasad</td> <td>Asst. Professor</td> </tr> <tr> <td>7. Mr. G. Nagendra</td> <td>Asst. Professor</td> </tr> <tr> <td>8. Mr. Sk. Arshad</td> <td>Asst. Professor</td> </tr> <tr> <td>9. Mr. B. Praveen Teja</td> <td>Asst. Professor</td> </tr> </table>	1. Mr. D. Rajesh Reddy	Asst. Professor	2. Mr. T. Y. Saravanan	Asst. Professor	3. Mr. B. Pavan Babu	Asst. Professor	4. Mr. J. Rajesh Reddy	Asst. Professor	5. Mr. P. Durga Prasad	Asst. Professor	6. Mr. C. Prasad	Asst. Professor	7. Mr. G. Nagendra	Asst. Professor	8. Mr. Sk. Arshad	Asst. Professor	9. Mr. B. Praveen Teja	Asst. Professor	<p><b>A Five Day</b> <b>Faculty Development Program</b> On <b>Trends in</b> <b>ELECTRIC VEHICLE DESIGN</b></p>  <p><b>FROM 22<sup>nd</sup> to 26<sup>th</sup> Feb - 2022</b> <b>Organized by</b> <b>Department of</b> <b>Electrical &amp; Electronics Engineering</b></p>  <p><b>NARAYANA ENGINEERING COLLEGE</b> (AUTONOMOUS) Dhurjati Nagar, GUDUR, Nellore (Dr), Andhra Pradesh - 524101 Office: 08624-252611 Website: <a href="http://www.necg.ac.in">www.necg.ac.in</a></p> 
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## FDP Brochure Back Page

### About Narayana Educational society

The prestigious Narayana Educational Society is founded by Dr.P.Narayana and has 40 years of academic excellence. The Narayana group is the Asia's largest educational conglomerate with more than 700 institutions with more than 12,000 faculty members, 30,000 employees and more than 3,00,000 students, spreading all over India and abroad. It is having 9 professional colleges which include Engineering, Medical, Dental, Yoga, Pharmacy and Management colleges in addition to IAS Training Academy.

### About The Institute

The Narayana Engineering College, Gudur is established in the year 2001 by the Narayana Educational Society and is affiliated to JNTUA, Anantapur. Our College offers B.Tech (EEE,ECE, CSE,Civil and Mechanical), M.Tech (PE,DECS, CSE), MBA & MCA with a total intake of 714 students. Our college is having well-qualified and dedicated faculty, well-established labs with State-of-the-art, laboratory facilities along with well-furnished Computer Center, Air Conditioned Central library and Digital Library with 24-hour Internet facility. A well-established Training and Placement Cell equips the aspiring professionals with the corporate skills towards grabbing placements in MNCs.

Our Vision is "To be one among the premier institutions of the country in producing Ethically strong and Technically sound Engineers and Managers to serve the Nation".

Our Mission is "To provide sacred environment for the students who acquire knowledge through innovative and professional approach and utilize it for the welfare of the mankind"

Narayana Engineering College is located in Gudur, SPSR Nellore Dist, Andhra Pradesh. The college is 2 Km away from APSRTC Bus Station and 2 Km from Gudur Railway Station.

### About the department

The Department of Electrical & Electronics Engineering is started in 2002. At present the department is offering B.Tech in EEE with an intake of 30 students and M.Tech (PE) with an intake of 9 students. The EEE Department provides its students with a solid foundation of which they can build successful and sustainable careers. The department provides sufficient broad base of laboratory experiments, so that the students can learn to apply the fundamentals of Electrical Engineering principles in an efficient manner. The aim is to provide the country with a pool of highly qualified Electrical & Electronics Engineers who can carry out creative and challenging work in R&D, Design, Industry, Teaching and who are capable of using existing and emerging technologies in solving practical problems.

Our Vision is "To provide a strong foundation to the students in electrical and electronics engineering, this would meet the requirements of industry and society and to make the electrical engineering ethically and emotionally strong enough to meet the technological challenges for the well-being of this country in the coming years"

Our Mission is "The Electrical and Electronics Engineering Department at Narayana Engineering College creates possibilities to produce a new generation of knowledgeable, skilled and innovative engineers; who prove to be good citizens having concern for society, environment and ethical issues."

### Objective(s) of the FDP

- \* Integration of more small and large-scale renewable energy systems into the electricity grid.
- \* To study advanced design and protection schemes in Electric Vehicle Design

### The Program Aims

To provide a forum to exchange views, ideas & the latest innovations in the field of Power System design and Protection.

- >To offer learning on basics, emerging trends & challenges in the field of Electric Vehicle design.
- >To improve faculty's ability in carrying out research, testing & consultancy in the area of Electric Vehicle design.
- > To introduce Electric Vehicle design, Operation and Control and also to provide opportunities to further widen the knowledge.

### Eligibility

The program is primarily designed for

- Young faculty members interested in pursuing doctoral Degree in Electrical Engineering.
- PG Student/Ph.D Scholar.
- Persons from Industry & Research Institute

### Important Dates:

Last Date for Registration:

22<sup>nd</sup> Feb 2022

**No Registration Fee**

HOD-EEE