



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)

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1956



Report

Alumni Interaction

on

“Opportunities Available for Electrical Engineering Graduates in Government and Private Sector”

Organised by

Department of Electrical & Electronics Engineering

Date: 18.03.2023

Organized in association with: **IEEE and ISTE student chapters, and MITSWA, MITS Madanapalle.**

Submitted by: **Dr. Gumpu Sreenivasulu**, Assistant Professor, Dept. of EEE.

Attendance: 52 participants (Internal) and 5 Faculties



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Madanapalle-517325, Annamayya Dist., Andhra Pradesh



" MITS Alumni Interaction "

In association with MITSAWA Cell, IEEE and ISTE student chapters



Resource Person

Mr. L. Vinod Kumar

Project Engineer
Hitachi Energy, Chennai.

DATE: 18/03/2023

Time: 11.00 am to 1.00 pm

Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent

Patron
Mrs. Keerthi Nadella
Executive Director

Program Chair
Dr. C. Yuvaraj
Principal

Conveners:
Dr. Kamal Basha, Vice Principal, Administration
Dr. A V Pavan Kumar, HOD EEE, Professor.

Coordinator:
Dr. Gumpu Sreenivasulu
Assistant Professor, EEE Department.

Department of Electrical and Electronics Engineering

The programme is started at 11.30 AM to 01.00 PM with a welcome address to all the audience by the **Dr. Gumpu Sreenivasulu**, Assistant Professor, EEE, MITS, Madanapalle. The alumni **Mr. L Vinod Kumar**, Project Engineer, Hitachi Energy India, Chennai, was introduced by **Dr. Gumpu Sreenivasulu**, Assistant Professor, Dept. of EEE.

Dr. Gumpu Sreenivasulu was explained the opportunities available for electrical engineers in government and private sectors. He was talk about the importance and role of the electrical engineer in the various industries. Also, he was discussed about the various competitive exams



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for getting the government jobs. **Mr. L Vinod Kumar** started the session by extending his hearty thanks to the participants, IEEE and ISTE coordinators, executive members, HoD, Principal, Viceprincipal, and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience with Electrical and Electronics Engineering students. **Mr. L Vinod Kumar** was highlighted the available opportunities for electrical engineers in industries.

The alumni lecture was following as:

Electrical engineering is a diverse and exciting field that offers a wide range of opportunities in various industries. As an electrical engineer, you can specialize in various areas such as power generation, electronics and telecommunications, aerospace and defense, automation and robotics, research and development, and consulting. Firstly, he talk about the power generation and distribution sector. Electrical engineers can work in this sector designing and maintaining power plants, power grids, and renewable energy sources such as solar, wind, and hydroelectric power. With the growing demand for renewable energy sources, the demand for electrical engineers in this sector is expected to increase in the coming years.

Secondly, in the electronics and telecommunications sector, electrical engineers can design and develop electronic devices, telecommunications equipment, and computer systems. With the growing need for advanced technology in the communication industry, there are many opportunities for electrical engineers to work on projects related to 5G, satellite communications, and the Internet of Things (IoT).

Thirdly, the aerospace and defence industry also provides opportunities for electrical engineers. They can design and develop avionics, control systems, and weapons systems, among others. As the aerospace industry continues to grow, there will be a growing demand for electrical engineers with specialized knowledge in this field.

Fourthly, automation and robotics is another field that requires electrical engineers. They can develop control systems and software for industrial and manufacturing processes, including the development of autonomous vehicles, drones, and robots.

Fifthly, electrical engineers can also work in research and development, where they develop new technologies and applications in various fields. With the increasing demand for advanced technologies, there will be growing opportunities for electrical engineers to work on innovative projects and develop new technologies.

Lastly, electrical engineers can work as consultants, providing expertise and advice to companies and organizations in various industries. They can help companies to optimize their operations and improve their efficiency through the application of advanced technology.

In conclusion, the field of electrical engineering offers a wide range of opportunities in various industries. With the growing demand for advanced technology, the opportunities for electrical engineers are expected to increase in the coming years. I hope



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The outcome of the webinar this lecture has been informative, and to explore the different opportunities available to electrical engineers. Also, speaker assured to help the participants/students for any kind of career and research guidance.

The session was concluded followed by a vote of thanks, given by Dr. Gumpu Sreenivasulu, Assistant Professor, Department of EEE (IEEE and ISTE Coordinator) MITS, Madanapalle.

Photos:





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Signature of the Coordinator

Signature of HoD, EEE