



## **Report**

### **Alumni Guest Lecture and Hands-on Program**

**On**

**“Future Scope of EEE: Industry Trends and IoT-Based Project Demonstration”**

**Organised by**

**Department of Electrical & Electronics Engineering**

**Date: 31.01.2026**

**Time: 10.00 AM**

**Venue: Seminar Hall -B**

**Organized in association with:** Alumni Welfare Association, MITS-Madanapalle

**Submitted by:** Mr. M. Venkatesh, Dept. Alumni Coordinator & Assistant Professor, Dept. of EEE

**Attendance: 65 participants including faculty.**

#### **Faculty attended:**

1. Dr A V Pavan Kumar - HoD/EEE
2. Dr. Gutti Nagaswetha -Alumni Relationship Officer
3. Mr. M. Venkatesh - EEE Dept. Alumni Coordinator
4. Dr. T. S. Balaji Damodhar - Assistant Professor/EEE
5. Mrs. U. Vijaya Lakshmi -Senior Manager – International Relations

**Students Attended: EEE: 80**

**Venue: Seminar Hall -B**

The program commenced with a welcome address by **Dr. A. V. Pavan Kumar, Professor and Head of the Department, EEE**, who extended a warm welcome to all the participants and the alumni resource person, **Mr. Sai Charan Reddy (EEE – 2020 Batch)**, currently working as a **Senior Engineer at L&T Technology Services, Bengaluru**. In his address, Dr. Pavan Kumar highlighted the rapid transformation of the Electrical and Electronics Engineering domain and emphasized the importance of aligning core electrical and electronics knowledge with emerging industry requirements, including IoT, automation, and interdisciplinary skills, to meet current and future technological demands.

During the opening session, **Ms. U. Vijaya Lakshmi, Senior Manager – International Relations**, shared her thoughts on the importance of alumni-driven academic initiatives and their role in strengthening industry–academia interaction. She emphasized the significance of the resource person, appreciating his professional experience and achievements, and encouraged students to actively engage with him to gain valuable insights into real-world engineering practices.

The technical and hands-on session was delivered by the alumni resource person **Mr. Sai Charan Reddy (EEE – 2020 Batch)**, currently working as a **Senior Engineer at L&T Technology Services, Bengaluru**. He expressed his gratitude to the Management, Vice-Chancellor (I/c), Registrar (I/c), Principal, Head of the Department, and faculty members of the Department of Electrical and Electronics Engineering for providing him the opportunity to interact with students and share his professional experiences.

Mr. Sai Charan Reddy began the session by explaining the **evolving scope of Electrical and Electronics Engineering**, emphasizing that modern EEE professionals must possess interdisciplinary knowledge encompassing **core electrical concepts, electronics, IoT, automation, and software tools**. He discussed current **industry trends**, highlighting how traditional electrical systems are now being integrated with smart sensors, embedded controllers, communication technologies, and data-driven platforms.



The resource person demonstrated **IoT-based projects**, explaining system architecture, sensor interfacing, real-time monitoring, and control mechanisms. The hands-on demonstrations enabled students to understand practical implementation aspects and the relevance of simulation and laboratory-based learning in solving real-world engineering problems.

He further guided students on:

- Career opportunities in core and emerging EEE domains
- Skill sets expected by the industry
- Importance of hands-on projects and certifications
- Continuous upskilling to remain industry-relevant

The session was highly interactive, with students actively participating and seeking clarification on career pathways, project selection, and industry expectations.

### Key Topics Discussed

- Future scope of Electrical and Electronics Engineering
- Industry trends and technological advancements
- IoT-based project design and applications
- Practical exposure through demonstrations
- Career guidance and professional skill development

### Program Outcomes

- Students gained clarity on emerging trends and opportunities in EEE
- Participants understood the importance of practical and project-based learning
- The session enhanced awareness of industry expectations and skill requirements
- Alumni interaction motivated students towards innovation and continuous learning

A good number of students and faculty members actively participated in the program, making it a successful and enriching experience.

The program concluded with a vote of thanks proposed by Mr. M. Venkatesh, Assistant Professor/EEE, who expressed sincere gratitude to the **Management, Vice-Chancellor (I/c), Registrar (I/c), Principal, Head of the Department, Mrs. U. Vijaya Lakshmi**, the alumni resource person, faculty members, and all those who directly and indirectly contributed to the successful organization of the program.

### Photos:

**MITS**  
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE  
(Deemed to be University under section 3 of UGC Act, 1956)  
Madanapalle-517325, Andhra Pradesh, India.

Department of Electrical and Electronics Engineering  
Organizing  
Alumni Guest Lecture and Hands-on Program  
on  
"Future Scope of EEE: Industry Trends and IoT-Based Project Demonstration"  
In Association with MITS AWA

Date: 31.01.2026  
Time: 10.00AM  
Venue: Simulation Lab

Resource Person  
**Mr. Sai Charan Reddy** (EE 2019 Batch)  
Senior Engineer,  
L&T Technology Services,  
Bengaluru.

Chief Patron: Dr. N. Vijaya Bhaskar Choudary, Founder & Chancellor  
Program Chair: Dr. D. Pradeep Kumar, Registrar (I/c)  
Vice-Chancellor: Dr. P. Ramantathan, Principal  
Convener: Dr. A.V. Parani Kumar, Professor of EEE  
Alumni Relations Officer: Dr. G. Nagarathna, Asst. Professor - EEE  
Coordinator: Mr. M. Venkatesh, Assistant professor - EEE

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Kadiri Road Angallu, Village, Madanapalle, Andhra Pradesh 517326, India  
Lat 13.629397° Long 78.478843°  
Saturday, 31/01/2026 10:24 AM GMT +05:30



Madanapalle, Andhra Pradesh, India  
Kadiri Road Angallu, Village, Madanapalle, Andhra Pradesh 517326, India  
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Saturday, 31/01/2026 10:26 AM GMT +05:30



Madanapalle, Andhra Pradesh, India  
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Saturday, 31/01/2026 11:05 AM GMT +05:30



### మిట్స్ డీమ్డ్ టు బీ యూనివర్సిటీలో అల్యూమిని రిలేషన్స్ పై అతిథి ఉపన్యాసం



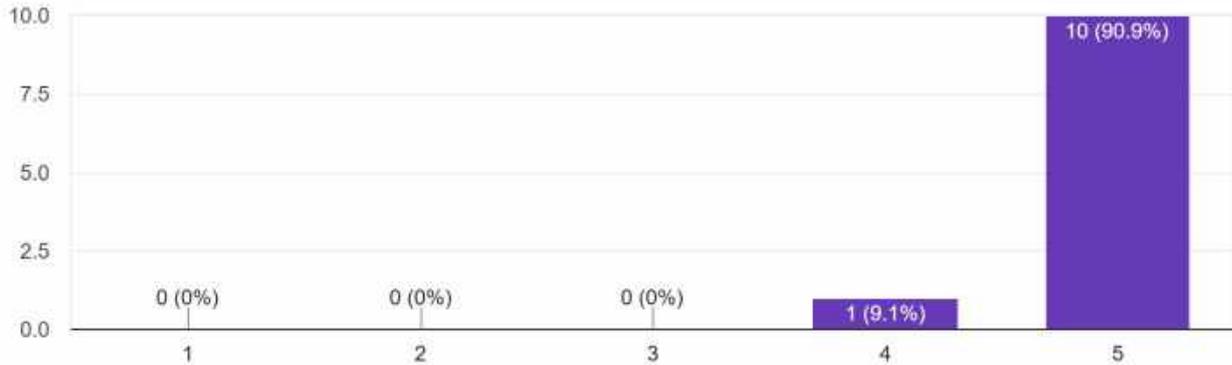

మదనపల్లి, ఫిబ్రవరి 2 (కురుక్షేత్రం ప్రతినిధి): ఆంగ్లం నమీవంలోని మిట్స్ డీమ్డ్ టు బీ యూనివర్సిటీలో ఎలక్ట్రోనిక్స్ అండ్ ఎలక్ట్రానిక్ ఇంజనీరింగ్ విభాగం వారు మిట్స్ అల్యూమిని రిలేషన్స్ వారి ఆన్లైన్లో అతిథి ఉపన్యాసం కార్యక్రమాన్ని నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా మిట్స్ యూనివర్సిటీ ఛాన్సలర్ విద్యాద్రి సాయి దరశ్ రెడ్డి, సీనియర్ ఇంజనీర్, ఎల్ అండ్ డి లెక్చరర్లకి సర్వీసెస్, డెంగ్గూరు సాక్షాత్తున్నారు. కార్యక్రమంలో సాయి దరశ్ రెడ్డి మాట్లాడతూ విద్యార్థులకు పరిశ్రమలో ప్రస్తుతం జరిగే కాణా పరిస్థితులు, ఆరుదిశ ఇంటర్నల్ అఫ్ థింగ్స్ సాంకేతికతలు ద్వారా వచ్చే అవకాశాలు, వాటిని ప్రాజెక్టులుగా ఎలా రూపొందించాలి వచ్చిన అనే అంశాలపై వివరించారు. ప్రత్యేక ప్రాజెక్టుల విద్యార్థులపై ద్వారా పరిశ్రమ అవసరాలకు అనుగుణంగా సాంకేతిక విద్యార్థులు

ఉపయోగించుకోవడం, నమస్కార పరిష్కారం చేయడం వంటి నైపుణ్యాల పై అవగాహన పెంచుకోవాలని అన్నారు. ఈ కార్యక్రమం విద్యార్థులను భవిష్యత్తుకు సిద్ధం చేయడం, ముఖ్యంగా స్టెప్ డౌన్ అవకాశాల కోసం ప్రోత్సహించి, పరిశ్రమ-విద్యా అనుసంధానాన్ని మరింత బలోపేతం చేయడం అన్నారు. ఇంజనీరింగ్ విద్య నివేషణకు వరుసగా వచ్చి విద్యార్థులు గేట్ పరీక్షలు ద్వారా ప్రతిష్టాత్మక ఇంజనీర్ ఎంబీకె, ఇంటిగ్రేటెడ్ ఎంబీకె & పీహెచ్.డి ప్రోగ్రామ్లను ప్రభుత్వ రంగ సంస్థల్లో (పీఎస్ యూ) ఎంక్రీట్ చేసేటట్లు ఇంజనీర్ ఉద్యోగాలకు పైకం గేట్ సాఫ్ట్ ప్రామాణికంగా నిలువబడి అని అన్నారు. కార్యక్రమంలో విభాగపతి డాక్టర్ పవన్ కుమార్, మేనేజర్-ఇంటర్నల్ రిలేషన్స్ యూ.వి.అయ్యప్ప, అల్యూమిని రిలేషన్స్ అధికారి డాక్టర్ జి.బాగావేణి, కోఆర్డినేటర్ ఎ.వి.వెంకటేశ్, అధ్యాపకులు విద్యార్థులు పాల్గొన్నారు.

Feedback:

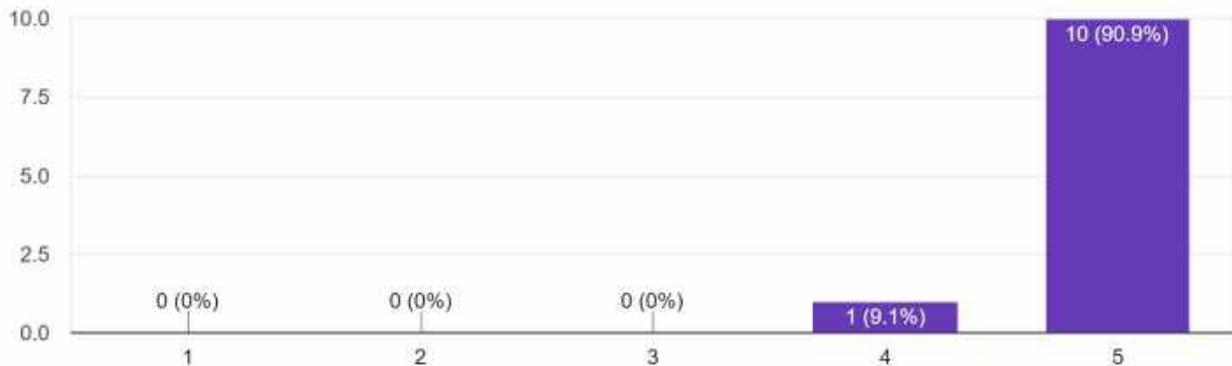
### 1. The interactive session was scheduled at a suitable time

11 responses



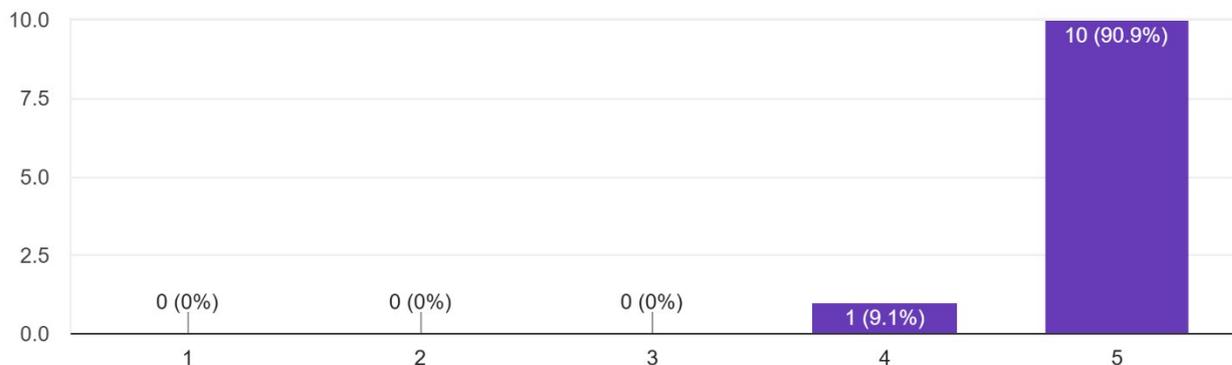
### 2. The interaction was useful and resource person explanation.

11 responses



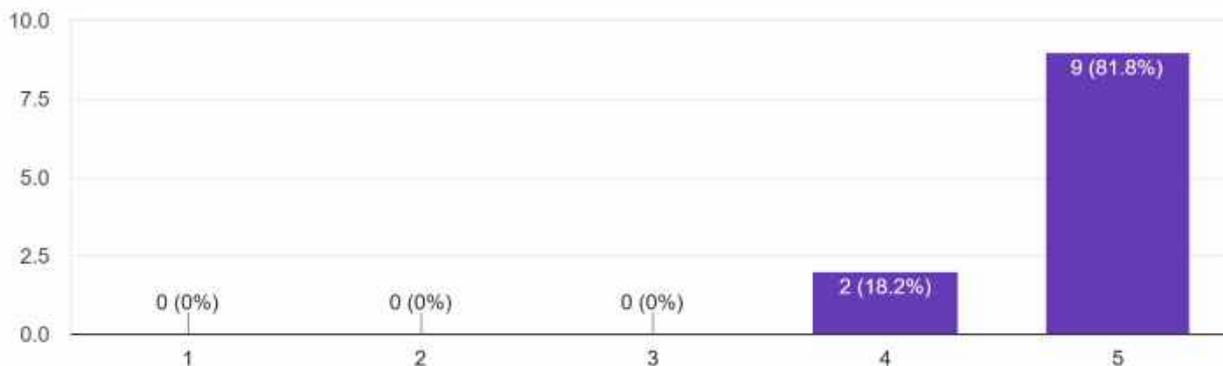
### 3. The information in the interaction was presented in a clear and organized manner.

11 responses



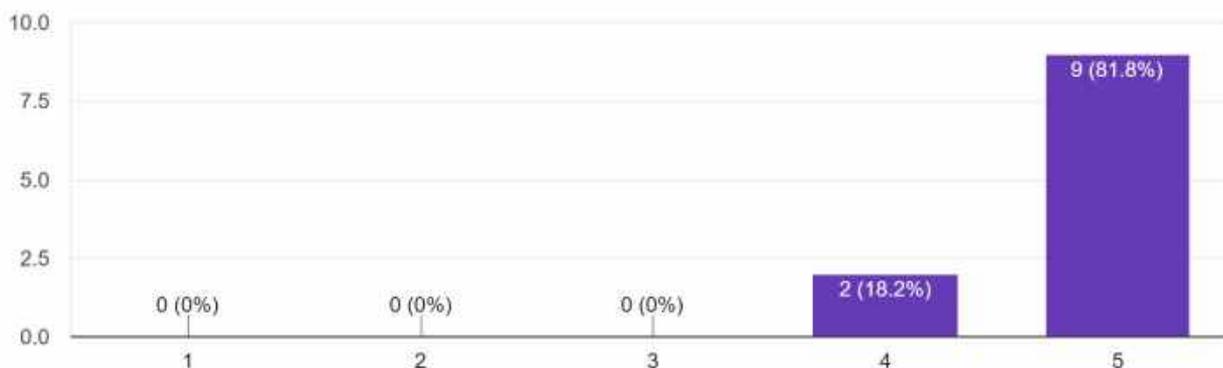
4. The presenter responded to questions in an informative, appropriate and satisfactory manner.

11 responses



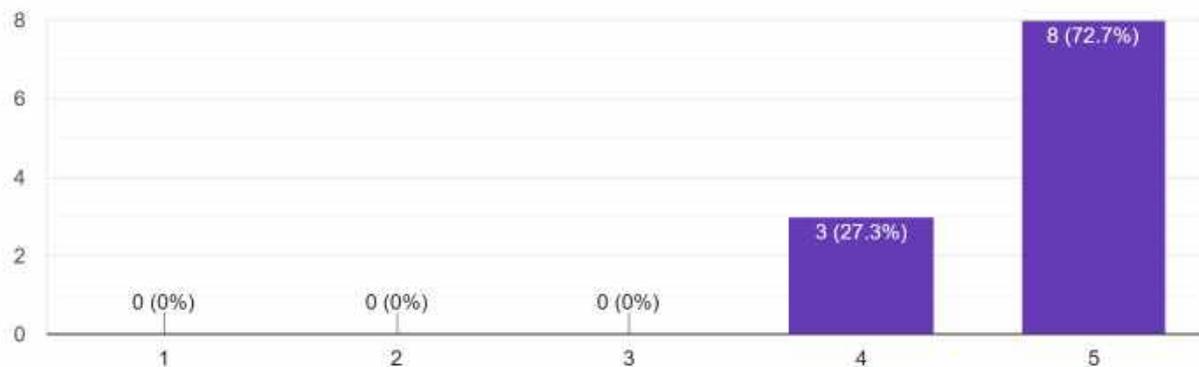
5. your impression of facilities provided by the institute for interaction.

11 responses



6. Overall, the session was informative and valuable.

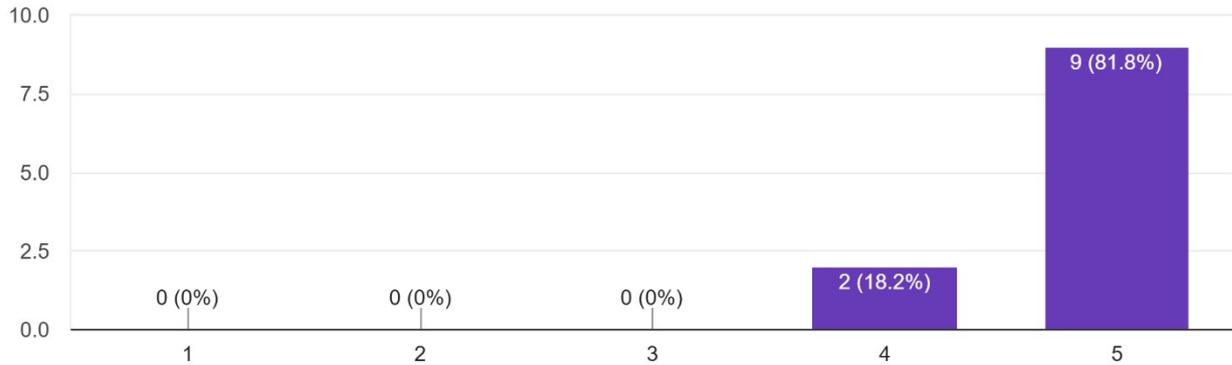
11 responses





7. In what ways could this interaction have been improved to better suit your needs?

11 responses



Signature of the Coordinator

Signature of HoD, EEE