



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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A Report on
Alumni Meet - 2024
Organized by
Department of Electronics & Communication Engineering
18-05-2024

Submitted by: Mr. G Charan Kumar Assistant Professor,
Department of ECE.

Date and Time: 18th May 2024, 11:00AM to 1:00 PM

Venue: Madanapalle Institute of Technology & Science.

Mode of Conduct: Offline

Introduction:

On May 18, 2024, at 11:00 a.m., the Alumni Meet-2024 took place in EB-214. The Department of Electronics and Communication Engineering at MITS, Madanapalle, organized the event. The Chief Coordinator for the occasion was Dr. Rajasekaran, HoD of ECE; Mr. G. Subbarao, Assistant Professor; and Mrs. G. Naga Swetha, Assistant Professor, Department of ECE, attended the session.

Attended Alumni List

1. B Mounika (16691A0476) – 2020 Batch
2. Y Samyuktha (16691A04B1) – 2020 Batch
3. T Sai (16691A04G2) – 2020 Batch
4. Sreenivasulu (16691A0591) – 2020 Batch
5. B Manoj (19699A0448) – 2023 Batch
6. T B Mohammed (16691A0470) – 2020 Batch
7. Ch Sai Priya (16691A0462) – 2020 Batch
8. P Poojitha (19699A0459) – 2023 Batch
9. S Sravan (16691A0496) – 2020 Batch
10. T Yeshaswini (20690a0413) – 2023 Batch



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Event Program:

11:00 AM - 11:15 AM	Registration
11:15 PM - 11:30 PM	Student A. Sahana and Jahnvi delivered the welcome address, followed by a key note from Dr. Rajasekaran, HOD-ECE.
11:30 PM - 11:40 PM	Dr. R. Kiran Kumar, Alumni Relation Officer, Alumni Relation Cell, MITS, Automation Techniques and Control in Various Industries, and Alumni Fund, delivered a key note on the topic.
11:40 PM -12:10 PM	B. Mounika, an alumni, has spoken about semiconductor industry opportunities.
12:10PM to 12:50PM	T. B. Mohammed has talked about improving college infrastructure and department facilities.
12:50 PM - 1:00 PM	CH. Sai Priya talked about the software industry's ups and downs.
1:00 PM - 1:15 PM	S. Sravan discussed Aboard's higher education opportunities with company support.
1:15PM – 1:20PM	Mrs. G. Naga Swetha, Assistant Professor, Department of ECE MITS, made the closing remarks and presented the vote of thanks.

Welcome Address:

The event began with a warm welcome from the Alumni Coordinator, who acknowledged the presence of the esteemed guests: B Mounika Y Samyuktha, Sai, Sreenivasulu, B Manoj B Mohammed, Ch Sai Priya, P Poojitha, S Sravan, and T Yeshaswini. The alumni coordinator expressed gratitude to Dr. S. Rajasekaran, Head of the Department, for his support in organizing the event. We encouraged the attendees to seize this valuable opportunity to learn from an experienced professional in the field.

Mis. C. H. Sai Priya has spoken:

C. H. Sai Priya began his talk by expressing his gratitude for the invitation and sharing his journey from being an Electronics and Communication Engineering graduate to finding success in the software industry. He highlighted the evolving



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landscape of the job market and the increasing demand for engineers with a blend of electronics and software skills.

Mr.T.B. Mohammed has spoken:

T.B. Mohammed began his talk by expressing his gratitude for the invitation and sharing his journey from being an electronics and communication engineer to improving college infrastructure and department facilities.

Key Points Covered:

Changing Industry Landscape:

Ms. CH. Sai Priya emphasized how industries, including electronics engineering, are becoming increasingly reliant on software solutions. He discussed the impact of Industry 4.0 and the integration of technology in traditional sectors. He also explained how technological advancements would change the climate, as well as how geopolitical tensions would transform the global manufacturing landscape. He illustrated a series of highlights from thought leaders in the manufacturing space and discussed how the future manufacturing industry stands in the World Economic Forum, where leading thinkers discuss the trends shaping advanced manufacturing. He explores key topics, such as frontier technologies, the workforce of the future, sustainable manufacturing, and collaboration.

Importance of Software Tools: Mr. Sravan has shed light on the significance of being proficient in various software tools commonly used in the industry. Sai Priya outlined CADANCE, T-CAD designing, and testing of system-on-chip (SoC) and integrated circuits (ICs) of microelectronic systems and gave instructions to students on how to improve software integration across different vehicle domains, promote the reusability of software components, enhance system reliability and safety, and enable the development of complex and innovative features in a cost-effective manner.

He discussed how knowledge of tools like AUTOSCAR and simulation software can enhance an electronic engineer's employability. He also described that electronic **design automation (EDA)**, also referred to as **electronic computer-aided design (ECAD)**, is a category of software tools for designing electronic systems such as integrated circuits and printed circuit boards. He explained how



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tools work together in a design flow that chip designers use to design and analyse entire semiconductor chips. Since a modern semiconductor chip can have billions of components, EDA tools are essential for their design.

Coding Knowledge for Electronics Engineers: Mr. B. Mounika stressed the importance of coding skills in today's job market. He explained how even basic coding knowledge can open up new opportunities and make engineers more versatile in the evolving technological landscape. He gave a short introduction to AUTOSAR, Autosar Software Architecture, the AUTOSAR Application Layer, Run-time Environment (RTE), Basic Software Layer, Service Layer, ECU Abstraction Layer, Complex Device Drivers, Micro Controller Abstraction Layer, and AUTOSAR Tools.

Success Stories:

The guest speaker shared the stories of electronics engineers who successfully transitioned into the software industry. These examples served as motivation for the attendees, highlighting the possibilities that arise when combining electronics engineering expertise with software skills.

Interactive Q&A Session:

An engaging question-and-answer session followed the lecture. Attendees had the opportunity to seek clarification on specific topics, share their experiences, and gain personalized insights from the guest speaker.

Closing Remarks:

The session concluded with a vote of appreciation by Dr. R. Kiran Kumar, Alumni Relations Officer, and felicitations by Dr. Rajasekaran, HOD, ECE, MITS, and faculty members Mr. Charan Kumar, Assistant Professor, Alumni Coordinator, Mr. G Subba Rao, Assistant Professor, and Mrs. G Naga Swetha, Assistant Professor, who organized and successfully finished the event.

Conclusion:



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The alumni meet on “Alumni Meet 2024” proved to be a resounding success, providing students with valuable insights into the evolving demands of the job market. The event served as a bridge between academia and industry, empowering students to explore diverse career paths and embrace the integration of software skills in their electronic engineering journey.



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