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A Report on Alumni Guest Lecture

on

"Engineering Career in Pursuit of Growing Industry Opportunities"

Organized by Department of Computer Science & Engineering

22nd August 2025

Participants:

III Year B.Tech – Computer Science & Engineering Students – MITS

Resource Person: Mr. A V Saikumar Reddy (2017-2021 Batch), Technical Officer in the Ministry of Home Affairs





The Department of Computer Science & Engineering organized a Guest Lecture on "**Engineering Career in pursuit of growing industry opportunities**" for III B.Tech students.

The guest lecture inauguration began at 10:00 a.m. in Seminar Hall C. The dignitaries were Dr. M. Sreedevi, HoD—CSE, Mr. A V Saikumar Reddy (2017-2021 Batch) Technical officer in the Ministry of Home Affairs, Dr. R. Kiran Kumar, Alumni Relationship Officer; and Mrs. V. Geetha, Department Alumni Coordinator.

The lecture was started with opening remarks by, Dr. M. Sreedevi who thanked Management for this great initiation of creating an opportunity to invite the Alumni members of the institute and enabling them to interact with the students and enlightening them with the current developments in the corporate world. Dr. R. Kiran Kumar has shown pleasure and promised to conduct many more lectures in future for the benefit of the students.

Mrs. V. Geetha has introduced about the speaker and invited him to share his valuable experiences to the students. The number of students who participated in the lecture were around 65.

Introduction

The guest lecture on "Engineering Career in Pursuit of Growing Industry Opportunities" was organized to provide students with insights into the evolving landscape of engineering professions and how they can align their career goals with industry demands. The lecture emphasized the importance of skill development, adaptability, and strategic career planning in the rapidly growing sectors.

Key Points Discussed

Industry Growth and Emerging Opportunities

- The engineering industry is evolving with advancements in technology such as AI, IoT, renewable energy, robotics, and automation.
- Increasing industrial automation and smart manufacturing processes are creating new job roles and career paths.
- Sectors like biotechnology, aerospace, and sustainable engineering are witnessing significant growth.

Skills in Demand

- Technical skills: Proficiency in programming, data analytics, CAD, simulation tools, and

emerging technologies.

- Soft skills: Communication, teamwork, problem-solving, and adaptability are crucial.
- Continuous learning and upskilling through certifications and workshops were highly recommended.

Career Planning and Development

- Importance of internships and industry exposure during studies.
- Networking and professional connections help in accessing hidden job markets.
- Importance of aligning personal interests with industry needs for long-term career satisfaction.
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Challenges and How to Overcome Them

- Competition and rapid technological changes require engineers to stay updated.
- The speaker advised embracing lifelong learning and being open to interdisciplinary roles.
- Managing work-life balance and mental health were also touched upon.
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Conclusion

The guest lecture was an eye-opener for all attendees, providing valuable guidance on building a successful engineering career aligned with the growing opportunities in various industries. The speaker motivated students to be proactive, adaptive, and innovative to thrive in their future careers.

The outcome of the programme:

- Motivation to Upskill
- Career Planning Insights
- Improved Soft Skills Awareness
- Encouragement to Embrace Challenges

The session is completed at 11:00 A.M, and he clarified the queries of enthusiastic young minds with great zeal during the interaction time.

The resource person was honored by a token of respectable appreciation by Dr. M. Sreedevi CSE – HoD, Dr. R. Kiran Kumar, Alumni Relation Officer and all department faculty members.

Vote of Thanks: **Mrs. V. Geetha** proposed a vote of thanks to the Resource person, HoD and AlumniRelations Officer for attending the function. She extended her thanksto the Principal and the Management for their support in conducting the training.