



Society of Mechanical Engineers

Guest Lecture

On

CAREER GUIDANCE AND ALUMNI TALK

By

MR.S.N.VIJAYAKUMAR

CHIEF GENERAL MANAGER

INDIAN OIL



SVCE | Sri Venkateswara
College of
Engineering



DEPARTMENT OF
MECHANICAL ENGINEERING

SOCIETY OF MECHANICAL ENGINEERS

We would like to invite you to the
Guest lecture on

THEME: CAREER GUIDANCE-ALUMNI TALK



Mr.S.N.VIJAYAKUMAR

Chief general manager
Indian Oil

Alumnus-SVCE MECH (1985-1989)

18 OCT 2023

01.30PM TO 03.00PM

VENUE : VIDEO HALL

Oct 18, 2023

The Society of Mechanical Engineers of Sri Venkateswara College of Engineering organized a guest lecture on “CAREER GUIDANCE “. The lecture was delivered by Mr.S.N.VIJAYAKUMAR, Chief General Manager, Indian Oil who shared his insights on the relevance of mechanical engineering, the skills required in the industry, future challenges and opportunities, recent technologies and the impact of industry 4.0 .The sessions was attended by the first year students of the Mechanical department.

To begin with, SME member Mr.Madhava Rajan, welcomed the chief guest, the faculty members and the students to this event. This was followed by the introduction of the Chief Guest by Mr.S.Syed Abyan. Following it, the chief guest Mr.Vijayakumar presided over the event and commenced the lecture.



Relevance of Mechanical Engineering:

Mr. Vijayakumar emphasized the enduring relevance of mechanical engineering in various industries, including manufacturing, automotive, aerospace, and energy. He highlighted how mechanical engineers play a critical role in designing, analyzing, and improving mechanical systems, making it a cornerstone of modern technology and innovation. He stressed that the foundation of mechanical engineering principles remains strong, and the discipline continues to be integral to the advancement of society.



Skills Required in the Industry:

The speaker discussed the essential skills that mechanical engineers need to succeed in the industry. These skills included a strong foundation in core engineering principles, problem-solving abilities, teamwork, adaptability, and communication skills. He also emphasized the importance of continuous learning and staying updated with the latest technological advancements to remain competitive in the job market.



Future Challenges and Opportunities:

Mr. Vijayakumar provided valuable insights into the challenges and opportunities that await mechanical engineers in the coming years. He discussed the growing concerns about environmental sustainability, the need for energy-efficient designs, and the increasing demand for automation and robotics. He encouraged the audience to view these challenges as opportunities for innovation and growth in the field.



Recent Technologies and Industry 4.0:

A significant portion of the lecture was dedicated to discussing recent technologies and the impact of Industry 4.0 on the mechanical engineering field. Mr. Vijayakumar highlighted the role of Artificial Intelligence (AI), Internet of Things (IoT), and data analytics in transforming traditional manufacturing processes. He emphasized the importance of adapting to these technologies and developing the necessary skills to thrive in the age of Industry 4.0.





Conclusion:

Mr. Vijayakumar's lecture on career guidance in mechanical engineering provided valuable insights into the field's relevance, required skills, future challenges, and opportunities. His discussion of recent technologies and Industry 4.0 served as a reminder of the dynamic nature of the industry and the need for continuous learning and adaptation. The lecture left the audience with a better understanding of the exciting possibilities in the world of mechanical engineering.

The event was well-received, and the audience expressed their gratitude to Mr. Vijayakumar for sharing his knowledge and expertise. It is hoped that such informative sessions will continue to inspire and guide aspiring mechanical engineers in their career journeys.

