A Report on Industry Expert Lecture on "Metal Additive Manufacturing and its Career Prospects" Organized by Department of Mechanical Engineering on 18.11.2026



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Mode of Conduct: Offline
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The Department of Mechanical Engineering organized an expert talk titled **"Metal Additive Manufacturing and Its Career Prospects"** on 18th November at Seminar Hall – C at 10:00 a.m.

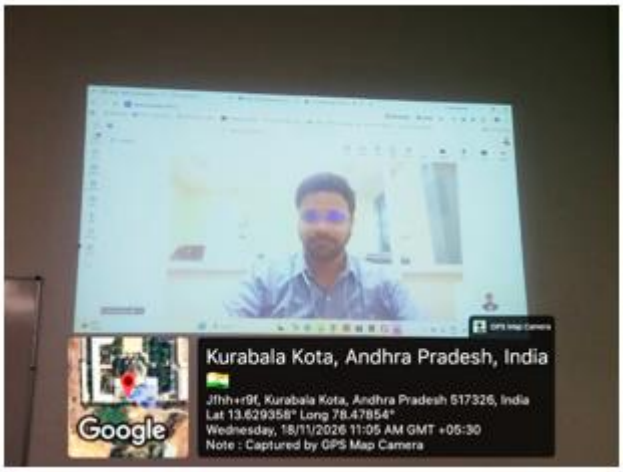
Objectives of the Event:

1. To create awareness among students about the fundamentals, principles, and significance of Additive Manufacturing, with particular emphasis on Metal Additive Manufacturing and its various processes.
2. To familiarize students with the different career opportunities and emerging professional pathways in Metal Additive Manufacturing across various engineering and industrial sectors.
3. To provide insights into the global Metal Additive Manufacturing market, its industrial applications, emerging trends, and future scope, thereby encouraging students to explore career opportunities in this rapidly evolving field.

Event Details:

The Department of Mechanical Engineering organized an expert talk titled **"Metal Additive Manufacturing and Its Career Prospects"** with the objective of creating awareness among students about the advancements, processes, and career opportunities in Metal Additive Manufacturing. The session was delivered by **Dr. Ravichandan Gurugubelli**, who provided valuable insights into the fundamentals of Additive Manufacturing, various Metal Additive Manufacturing processes, and their significance in modern industries.

The expert highlighted eight different career pathways in Metal Additive Manufacturing, helping students understand the diverse professional opportunities available in this emerging field. He also discussed the global Additive Manufacturing market scenario, highlighting its growth, industrial demand, and future prospects. The session provided students with valuable exposure to emerging manufacturing technologies and their relevance to industry requirements.





Outcomes of the Program

- Students gained a fundamental understanding of Additive Manufacturing and acquired knowledge of various Metal Additive Manufacturing processes and their industrial significance.
- Students became aware of eight potential career pathways in Metal Additive Manufacturing and understood the skills and competencies required to pursue careers in this domain.
- Students gained insights into the global Additive Manufacturing market, emerging industrial trends, and future opportunities, motivating them to explore advanced manufacturing technologies and related career prospects.

Acknowledgments:

We express our sincere gratitude to the Hon'ble Chancellor, Pro-Chancellor, Vice-Chancellor, Registrar, Additional Registrar, Dean – School of Engineering, Principal, Vice-Principal (Administration), and Head of the Department of Mechanical Engineering for their unwavering support, encouragement, and guidance in successfully organizing the online expert lecture.

We extend our heartfelt thanks to **Dr. Ravichandan Gurugubelli** for accepting our invitation and sharing his valuable expertise and insights on Metal Additive Manufacturing and its career prospects. We also thank all the faculty members and students for their active participation and contribution to the success of the event.