

A Report on
Industry Expert Guest Lecture
Smart Manufacturing Group
Department of ME, KLEF

The Smart Manufacturing Group, Department of Mechanical Engineering, KLEF has organised an Industry Expert Guest Lecture as per the details given below.

Title: Technology familiarization on Additive Manufacturing, 3D Scanning, Reverse Engineering and the future with Industry 4.0

Lecture content: The lecture emphasizes on 3D Printing & 3D Scanning technologies along with Reverse Engineering methods and their Applications, Limitations and Design considerations. It started with basics of Additive manufacturing/3D Printing process and briefed about various AM technologies like Material extrusion, Sheet Lamination, Binder Jetting, Vat Photopolymerization, Powder Bed Fusion, Material Jetting, Direct energy deposition.

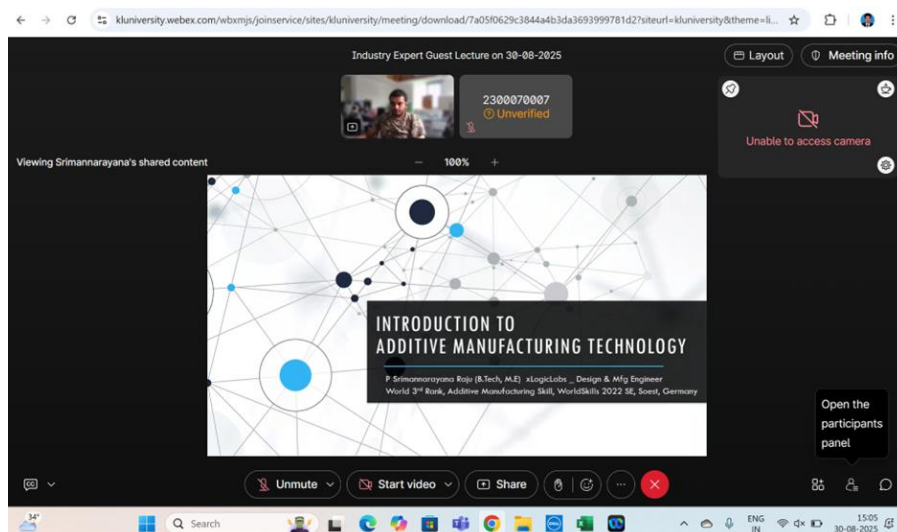
Resource Person: Mr. P Srimannarayana Raju, Design and Manufacturing Engineer at xLogic Labs Pvt. Ltd., Coimbatore.

Date: 30/08/2025, at 3.00pm

Venue : M126

List of Participants: 3rd Year B Tech Mechanical students (Attendance Sheet enclosed) and faculty members through Webex link provided.

In the beginning, Dr. B. Kiran Kumar, Assoc. Prof. delivered the welcome speech, introducing Mr. P. Srimannarayana Raju, an industry expert in the field of additive manufacturing, to the participants.





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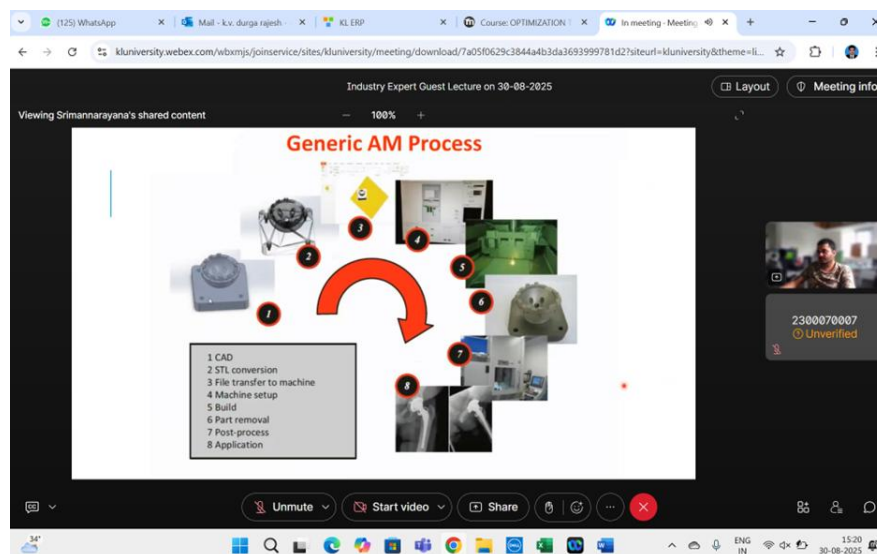
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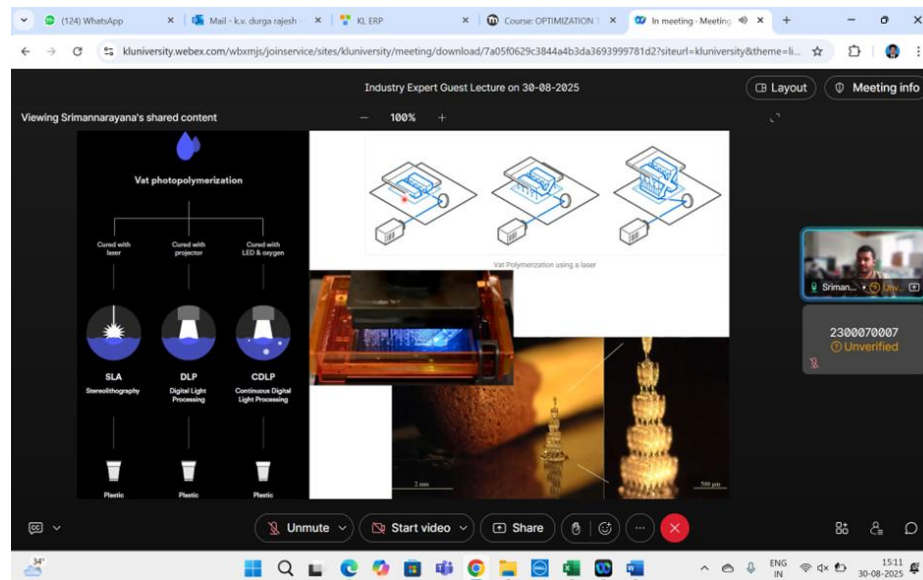
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Lastly, 3rd student Mr. S Venkata Sri Sai Akhil (23000700006) extended sincere thanks to the distinguished guest, Mr. P. Srimannarayana Raju, for his enlightening session on “Technology Familiarization in Additive Manufacturing, 3D Scanning, Reverse Engineering, and Industry 4.0.” His valuable insights and expertise were greatly appreciated by all.

Dr. Rajesh also expressed heartfelt gratitude to the faculty members, participants, and the organizing committee for their collective efforts in making the event a success.

Prepare by

Group Head – Smart Manufacturing

HoD – Mechanical