



Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

❖ Recognised as Category 1 University by UGC ❖ Approved by AICTE ❖ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2577715, 2576129

Department of Mechanical Engineering

A.Y 2025-2026, Even Semester

Alumni Guest Lecture Report

In view of alumni activities, the Department of Mechanical Engineering conducted an **Alumni Guest Lecture** by **Mr. Sasikanth Kollipara (Y7ME242)** of the **Y07 Batch**, currently working as Principal Product Owner at Autodesk India Pvt. Ltd., Pune. On **28-02-2026**, he delivered a guest lecture from 3:00 P.M. to 3:30 P.M. on the topic **“Reimagining Mechanical Engineering in the CAD/CAM & Digital Manufacturing Era.”** The session was conducted in virtual mode through the Google Meet platform. A total of **58** participants (55 students and 3 faculty members) from the Mechanical Engineering Department attended the lecture in blended mode from rooms M123 and M124.

Google meet Link:

<https://meet.google.com/cjw-gvjc-wvu>

During the lecture, he discussed on:

He introduced students to Autodesk Fusion and explained its importance as an integrated cloud-based platform that combines CAD, CAM and CAE in a single environment. He highlighted how Fusion supports complete product development from concept to manufacturing. The Drawing module was explained for creating detailed 2D drawings from 3D models. The Electronics module was discussed for PCB design and circuit integration. The Simulation module was introduced to analyze stress, thermal effects, and motion of components before manufacturing. He also explained Generative Design, which uses advanced algorithms to create optimized design alternatives based on constraints. The Manufacturing module was described for CNC machining, toolpath generation, and additive manufacturing. In addition, he briefly discussed various extensions that enhance advanced simulation, machining, and production capabilities.



Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

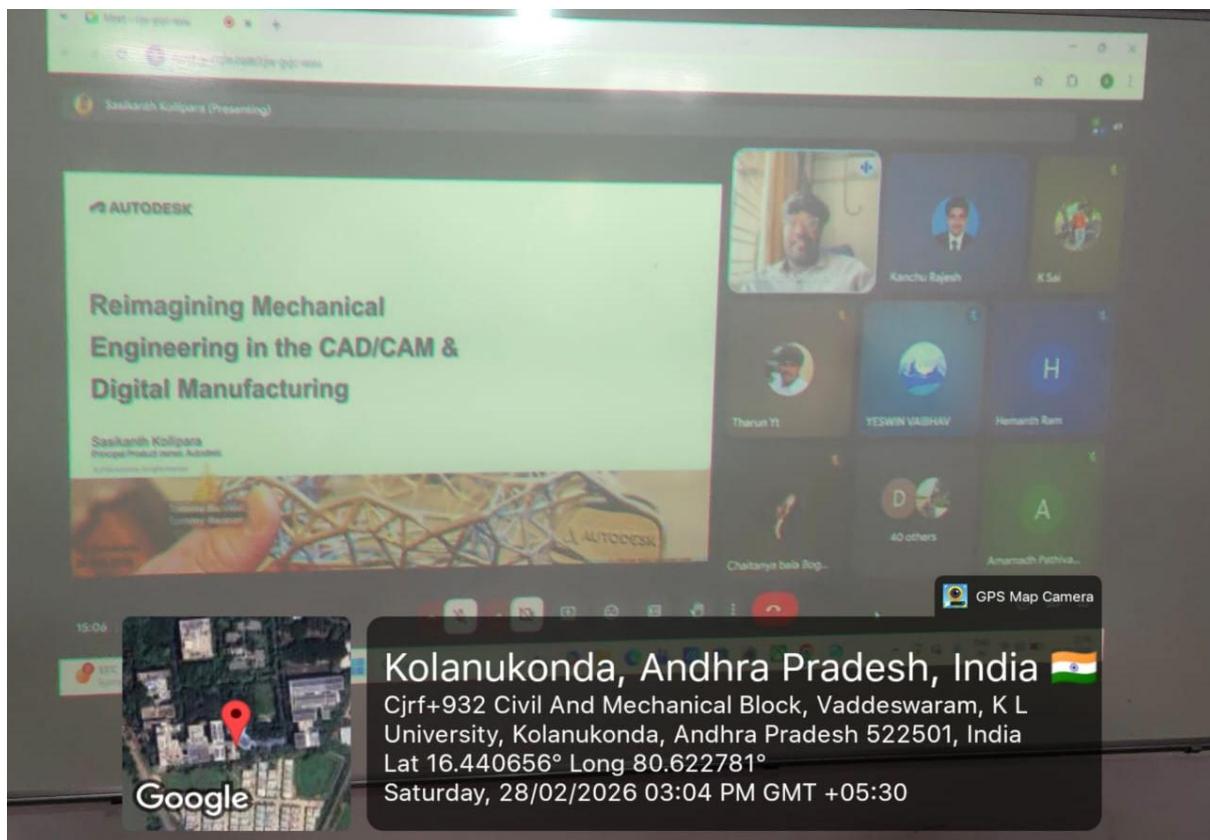
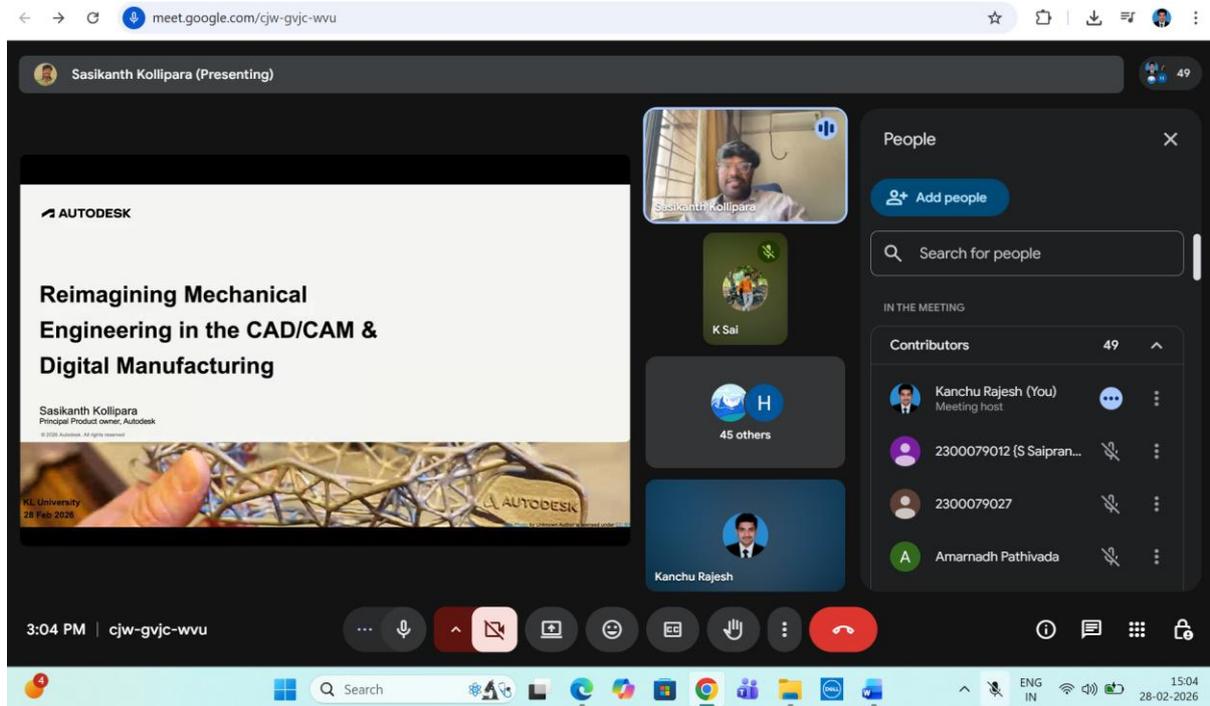
❖ Recognised as Category 1 University by UGC ❖ Approved by AICTE ❖ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2577715, 2576129

Some of the Screen shots / Geo tagged pictures of event attached here





Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

❖ Recognised as Category 1 University by UGC ❖ Approved by AICTE ❖ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2577715, 2576129



Guntur, Andhra Pradesh, India

Tadepalle, Guntur, Andhra Pradesh 522302, India

Lat 16.440706, Long 80.622789

Saturday, 28/02/2026 15:04 GMT+05:30

Note : Captured by GPS Map Camera



Guntur, Andhra Pradesh, India

Tadepalle, Guntur, Andhra Pradesh 522302, India

Lat 16.440663, Long 80.622841

Saturday, 28/02/2026 15:04 GMT+05:30

Note : Captured by GPS Map Camera

The session helped students understand modern digital manufacturing trends and the importance of upskilling in industry-relevant software tools.



Koneru Lakshmaiah Education Foundation

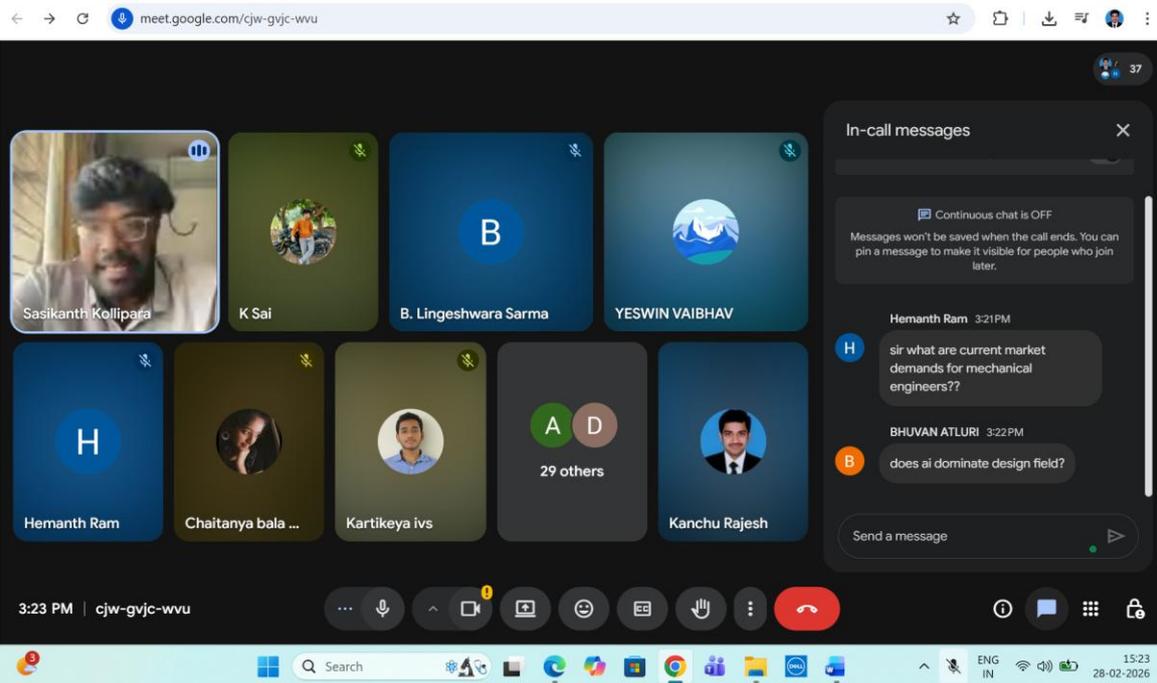
(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

❖ Recognised as Category 1 University by UGC ❖ Approved by AICTE ❖ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2577715, 2576129



Few students asked questions and interacted with speaker and then Dr. K. V. Durga Rajesh delivered Vote of Thanks to the speaker.

Prepared by

(Dr. A.V.S Ram Prasad)

Approved by

(Dr. T. Vijaya Kumar)