



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, Odd Semester

Alumni Guest Lecture Report

In view of alumni activities, Department of Mechanical Engineering conducted an Alumni Guest Lecture with **Mr. Kadarampalli Tilak (2100079041)** of **Y21-Batch** on **23-08-2025**. He gave continuous lecture from 10:00 A.M to 11:00 A.M on the topic **“India Skills Competition: Essential Skills & Preparation Techniques”**. In on-line mode, he given presentation in Webex platform in which 57 participants (52 students and 05 faculty) of ME department were participated in blended mode in room M121 and M126.

Webex Link:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m4915120e9d17cce745e2912aca8d5c60>

During his interactive lecture, he discussed on:

- How to participate in India Skills Competition 2025 -
- Mechanical stream skills - The competition features emerging skills like robot systems integration, **additive manufacturing**, digital construction, industry 4.0, renewable energy, mobile applications development, and industrial design technology.
- India Skills 2025 – Road Map
- Application Process & Eligibility Criteria
- Process of Screening Test in Regional and State levels
- Topics to prepare for screening test
- India Skills and World Skills Competition details
- His experience while participated in India Skills Competition 2024



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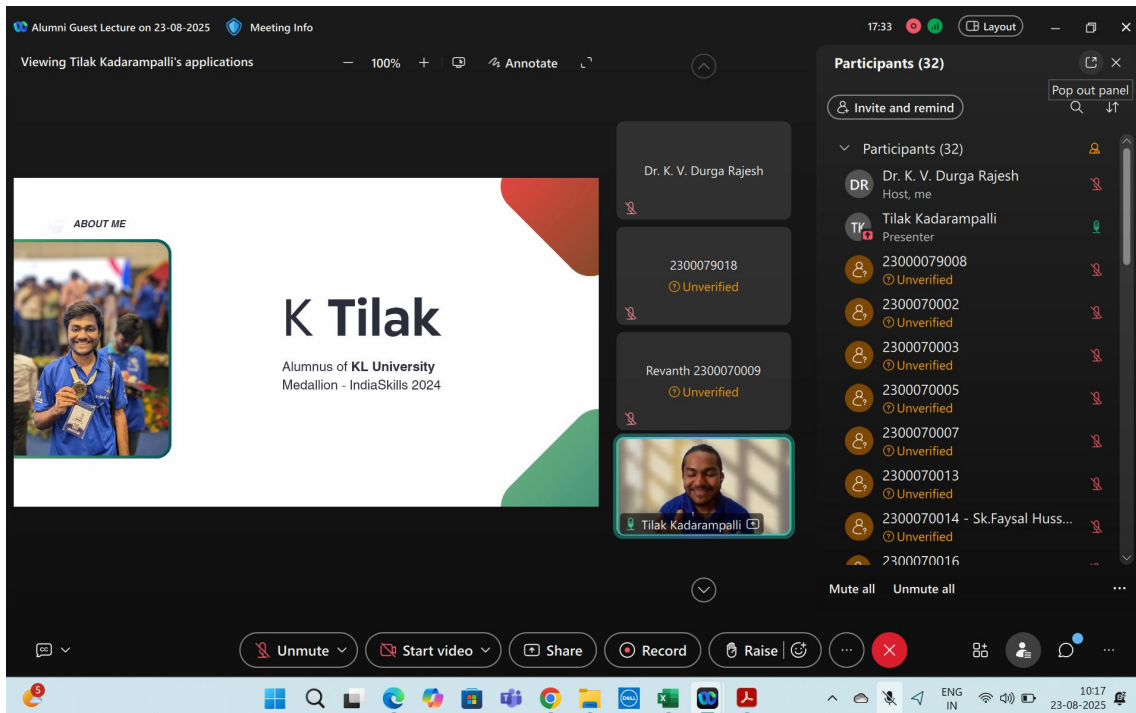
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Some of the Screen shots / Geo tagged pictures of event attached here





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Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications

Mechanical Stream Skills

Autobody Repair	Additive Manufacturing	Automobile Technology	Mechanical CAD
Industrial Mechanics	Car Painting	CNC Milling	Carpentry
Mechatronics	Joinery	CNC Turning	Renewable Energy
Welding	Unmanned Aerial Systems	Industrial Control	Heavy Vehicle Technology

Dr. K. V. Durga Rajesh

Tilak Kadarampalli

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2300070007 Unverified

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Participants (28)

Invite and remind

Participants (28)

DR Dr. K. V. Durga Rajesh Host, me

TY Tilak Kadarampalli Presenter

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2300070009 Unverified

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2300070014 - Sk Faisal Huss

Mute all Unmute all

Your recording is ready.

Unmute Start video Share Record Raise



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100% + Annotate

INDIASKILLS 2025 ROADMAP

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graph LR; A[Registrations] --> B[Online Screening Test]; B --> C[Regional Level]; C --> D[State Level]; D --> E[National]; E --> F[International];
```

Registrations Online Screening Test Regional Level State Level National International

IndiaSkills worldskills

Dr. K. V. Durga Rajesh

Tilak Kadarampalli

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Windows Taskbar: 10:29 23-08-2025

Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications

100% + Annotate

Screening Test & Regional Level

- Paper Based Test
- MCQs
- Syllabus
 - Additive Manufacturing Classification
 - Materials
 - Methodology
 - Processes
 - Defects
 - Engineering Drawing
 - CAD Commands

Dr. K. V. Durga Rajesh

Tilak Kadarampalli

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Windows Taskbar: 10:34 23-08-2025



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Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications

100% + Annotate

14:24

Participants (32)

Invite and remind

Participants (32)

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TY Tilak Kadarampalli Presenter

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10:38 23-08-2025

State Level

- Modelling and Printing
- Software recommended : Fusion360
- Convert given orthographic drawing to a 3d model in CAD (with accurate dimensions)
- Design the missing part and print it using Rapid Prototyping Machine

Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications

100% + Annotate

20:00

Participants (31)

Invite and remind

Participants (31)

DR Dr. K. V. Durga Rajesh Host, me

TY Tilak Kadarampalli Presenter

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Unmute Start video Share Record Raise

10:44 23-08-2025

Indiaskills & Worldskills

- 4 Test Projects - 4 Days
- Modelling - Slicing - FDM Printing - Post Processing
- Modelling - Slicing - Resin Printing - Post Processing
- Scanning - Digitalizing - Mesh Repairing
- Design for Additive Manufacturing (DFAM)



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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)