



## 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](http://www.kluniversity.in)

Admin Off: 29-36-38, Museum Road, Govermorpet, 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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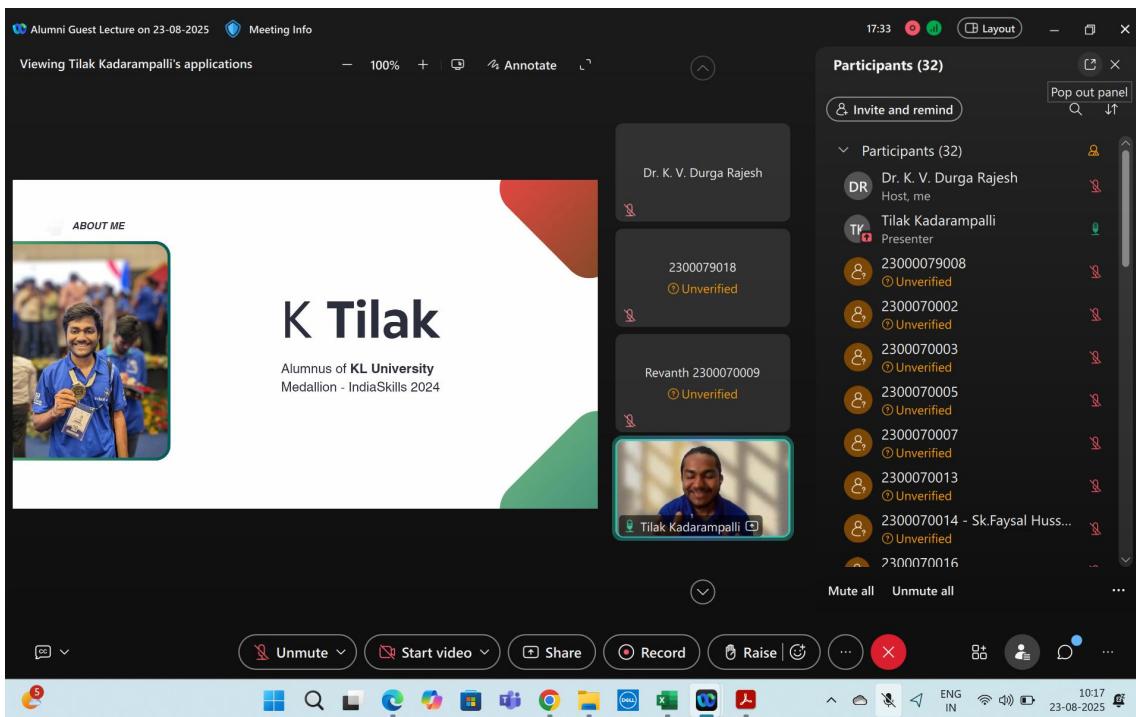
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### Some of the Screen shots / Geo tagged pictures of event attached here





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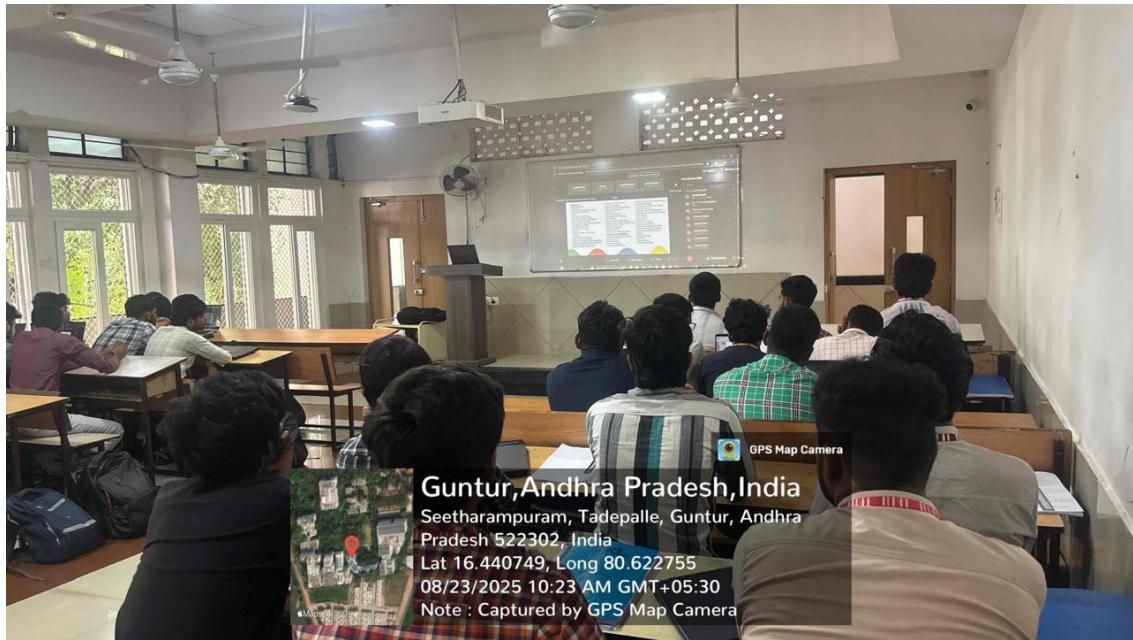
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Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications

— 100% + Annotate

Participants (28)

Dr. K. V. Durga Rajesh

Tilak Kadarampalli

23000079008

2300070002

2300070003

2300070005

2300070007

2300070009

2300070013

2300070014 - Sk Faisal Huss

Unmute Start video Share Record Raise

Your recording is ready.

10:27 23-08-2025

Eng IN

**Mechanical Stream Skills**

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



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The screenshot shows a Microsoft Teams meeting interface. At the top, the title is "Viewing Tilak Kadarampalli's applications". The main content area displays the "INDIASKILLS 2025 ROADMAP" with a horizontal timeline of six stages: Registrations, Online Screening Test, Regional Level, State Level, National, and International. Each stage is represented by a circular icon with a unique symbol (pen, eye, location pin, map, etc.) and a label below it. The "National" stage is highlighted with a yellow circle. Above the stages, the "India skills" and "worldskills" logos are displayed. The right side of the screen shows a "Participants (30)" list, which includes the host, Tilak Kadarampalli, and several other participants with their names and unique IDs. The bottom of the screen features a toolbar with controls for Unmute, Start video, Share, Record, Raise, and a recording status message. The Teams interface includes standard window controls like minimize, maximize, and close.

The screenshot shows a Microsoft Teams meeting interface. At the top, there are tabs for 'Alumni Guest Lecture on 23-08-2025' and 'Meeting Info'. The main title is 'Viewing Tilak Kadampalli's applications'. The participant list on the right shows 30 participants, including 'Dr. K. V. Durga Rajesh' (host) and 'Tilak Kadampalli' (presenter). The presentation slide on the left is titled 'Screening Test & Regional Level' and lists the following agenda:

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

At the bottom, there are buttons for 'Unmute', 'Start video', 'Share', 'Record', 'Raise | ⚡', and a message 'Your recording is ready.' The taskbar at the bottom shows various application icons.



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Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications 100% Annotate

## 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

Participants (32)

- Dr. K. V. Durga Rajesh (Host, me)
- Tilak Kadarampalli (Presenter)
- 2300079008 (Unverified)
- 2300070002 (Unverified)
- 2300070003 (Unverified)
- 2300070005 (Unverified)
- 2300070007 (Unverified)
- 2300070009 (Unverified)
- 2300070013 (Unverified)
- 2300070014 - Sk Faisal Huss...

Unmute Start video Share Record Raise Your recording is ready. Mute all Unmute all

14:24 10:38 23-08-2025

Alumni Guest Lecture on 23-08-2025 Meeting Info

Viewing Tilak Kadarampalli's applications 100% Annotate

## 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)

Participants (31)

- Dr. K. V. Durga Rajesh (Host, me)
- Tilak Kadarampalli (Presenter)
- 2300079008 (Unverified)
- 2300070002 (Unverified)
- 2300070003 (Unverified)
- 2300070005 (Unverified)
- 2300070007 (Unverified)
- 2300070009 (Unverified)
- 2300070013 (Unverified)
- 2300070014 - Sk Faisal Huss...

Unmute Start video Share Record Raise Your recording is ready. Mute all Unmute all

20:00 10:44 23-08-2025



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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)**