



**INTERNATIONAL SCHOOL OF  
TECHNOLOGY AND SCIENCES FOR WOMEN  
( An Autonomous Institution )**

*(Approved by AICTE New Delhi, Affiliated to JNTUK Kakinada, Accredited by NBA and NAAC with A+ Grade)*  
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## **AIML PULSE**

### **ACADEMIC YEAR: 2025–2026**

**Sem: 2**

**Issue: 2**

#### **DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

##### **Vision:**

To create innovative learning environments that empower students with advanced knowledge in Artificial Intelligence and Machine Learning for solving real-world problems.

##### **Mission:**

- To develop intelligent systems that improve efficiency across industries.
- To encourage students to become skilled professionals, researchers, and entrepreneurs in AI & ML.
- To promote innovation, research, and knowledge sharing in emerging AI technologies.

#### **PROGRAM EDUCATIONAL OBJECTIVES (PEO's)**

##### **PEO 1:**

➤ Ability to analyze and solve complex real-world problems using AI & ML techniques.

##### **PEO 2:**

➤ Prepare students for higher education in reputed institutions (IITs, NITs, and global universities).

**PEO 3:**

➤ Encourage entrepreneurship in AI-based startups, automation systems, and intelligent applications.

**PROGRAM SPECIFIC OUTCOMES (PSO's)****PSO 1:**

➤ Ability to design and develop intelligent models using machine learning and deep learning.

**PSO 2:**

➤ Capability to adapt to new AI technologies and tools.

**PSO 3:**

➤ Knowledge to apply AI solutions in industries like healthcare, finance, and automation.

**Message from Head of the Department:**

I am pleased to present this edition of our AI & ML newsletter highlighting the activities conducted by department. Events such as AI workshops, hackathons, and project expos provide students with practical exposure to real-world applications. These initiatives help bridge gap between theory and practice. I appreciate the efforts of faculty members & students in making these active & successful and encourage everyone to continue learning innovating in the field of Artificial Intelligence and Machine Learning.

## **Message from Chief Editor:**



It is a great pleasure to release this edition of the AIML newsletter. This issue showcases student participation in based projects, workshops, and technical events. Through platform, we aim to highlight achievements and encourage continuous learning in emerging technologies. I thank everyone who contributed to this publication.

I hope this publication inspires students to continue learn innovating, and achieving excellence in Artificial Intelligence and Machine Learning.

## **About the Department:**

The Department of Artificial Intelligence & Machine Learning is committed to nurturing future-ready engineers with strong foundations in intelligent computing, data-driven decision making, and emerging technologies. The department focuses on delivering high-quality education through a balanced combination of theoretical knowledge, practical implementation, and industry-oriented learning.

The curriculum is designed to cover core areas such as Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Reinforcement Learning, Data Analytics, Cloud AI, and Generative AI, enabling students to solve complex real-world challenges.

The department regularly organizes technical workshops, hackathons, coding contests, guest lectures, industrial visits, and project expos to provide students with hands-on exposure and research opportunities. These activities encourage students to build innovative AI applications in domains such as healthcare, agriculture, finance, cybersecurity, robotics, and smart automation.

Faculty members actively guide students in research publications, internships, startup ideas, and product development, helping them stay aligned with current industry demands. The department also promotes interdisciplinary collaboration and ethical AI With ML practices to ensure technology is used responsibly for the betterment of society.

Through continuous innovation, practical learning, and industry partnerships, the department strives to create skilled professionals, researchers, and entrepreneurs who can contribute effectively to the rapidly evolving world of Artificial Intelligence and Machine Learning.

### **Courses:**

B. Tech – Artificial Intelligence & Machine Learning.

### **Achievements:**

- Students placed in top tech companies as ML Engineers and Data Analysts.
- Development of innovative AI projects like chatbot systems, image classifiers.
- Participation and awards in hackathons and coding competitions.

### **Startup idea presented at Ratan Tata Innovation hub**





## District Level Vikst Barat Youth Parliament-2026 At JNTUK



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
KAKINADA – 533 003, Andhra Pradesh, India

## Certificate of Commendation

This is to certify that Mr/Ms/Mrs... K. TULASI LAKSMI NAGA SAI - 1ST S, RAJANAGARAM .....  
is selected as one of the top ten members and shortlisted from **DISTRICT LEVEL VIKSIT BHARAT YOUTH PARLIAMENT-2026**, Nodal District, East Godavari, Andhra Pradesh held on 28-02-2026 at **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA** to State Level Viksit Bharat Youth Parliament Programme.

*G. Jay K*  
NSS Programme Coordinator  
JNTUK, Kakinada

*[Signature]*  
District Youth Officer  
NYK Kakinada, Govt. of India

*[Signature]*  
Director Student Affairs  
JNTUK, Kakinada

*[Signature]*  
Rector  
JNTUK, Kakinada



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
KAKINADA – 533 003, Andhra Pradesh, India

## Certificate of Commendation

This is to certify that Mr/Ms/Mrs... V. CHAKRIKA - 1ST S, RAJANAGARAM .....  
is selected as one of the top ten members and shortlisted from **DISTRICT LEVEL VIKSIT BHARAT YOUTH PARLIAMENT-2026**, Nodal District, East Godavari, Andhra Pradesh held on 28-02-2026 at **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA** to State Level Viksit Bharat Youth Parliament Programme.

*G. Jay K*  
NSS Programme Coordinator  
JNTUK, Kakinada

*[Signature]*  
District Youth Officer  
NYK Kakinada, Govt. of India

*[Signature]*  
Director Student Affairs  
JNTUK, Kakinada

*[Signature]*  
Rector  
JNTUK, Kakinada

## EVENTS

### Workshop about Awareness on virtual labs

Venue: Tedex, Gsn Raju block

Date: 24/12/2025

The workshop was effectively explained by R.K. Sir, who clearly guided the students on the importance and usage of virtual labs for practical learning.

The Department of Artificial Intelligence & Machine Learning organized a **Virtual Lab Awareness Workshop** to help students understand the use of online simulation tools for practical learning. The session focused on **Machine Learning experiments, neural networks, data preprocessing, and model evaluation**, enabling students to perform experiments anytime through virtual platforms.

The workshop improved students' **hands-on knowledge, accessibility, and self-learning skills**, effectively connecting theory with practical implementation.

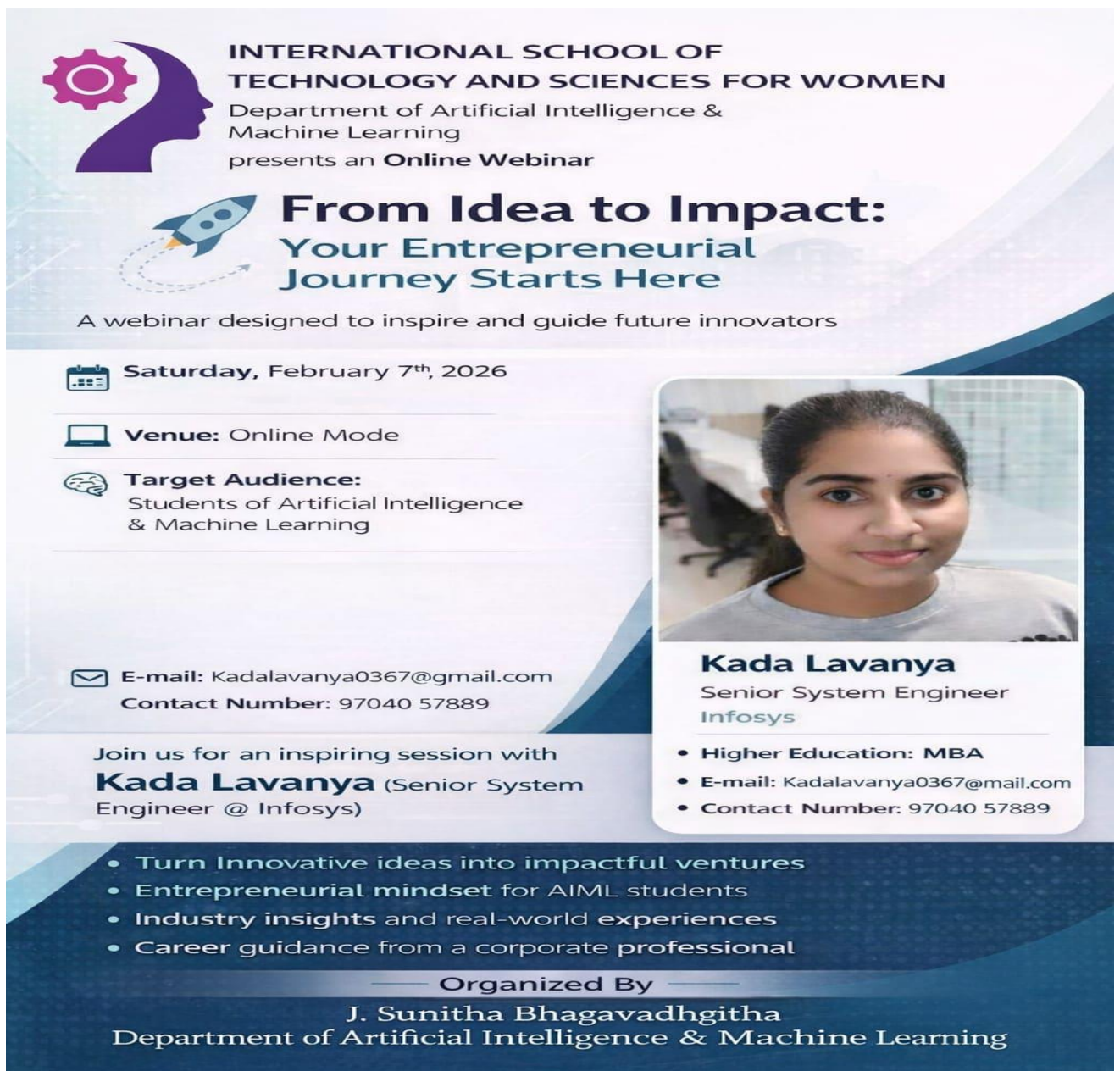


## A Webinar designed to inspire and guide future innovators


Venue: Online Mode

Date: 07/02/2026


The session was delivered by Ms. Kada Lavanya, Senior System Engineer at Infosys.





**INTERNATIONAL SCHOOL OF TECHNOLOGY AND SCIENCES FOR WOMEN**  
Department of Artificial Intelligence & Machine Learning  
presents an **Online Webinar**


 **From Idea to Impact:  
Your Entrepreneurial Journey Starts Here**

A webinar designed to inspire and guide future innovators


 **Saturday, February 7<sup>th</sup>, 2026**

 **Venue:** Online Mode

 **Target Audience:**  
Students of Artificial Intelligence & Machine Learning

 **E-mail:** Kadalavanya0367@gmail.com  
**Contact Number:** 97040 57889

Join us for an inspiring session with  
**Kada Lavanya** (Senior System Engineer @ Infosys)



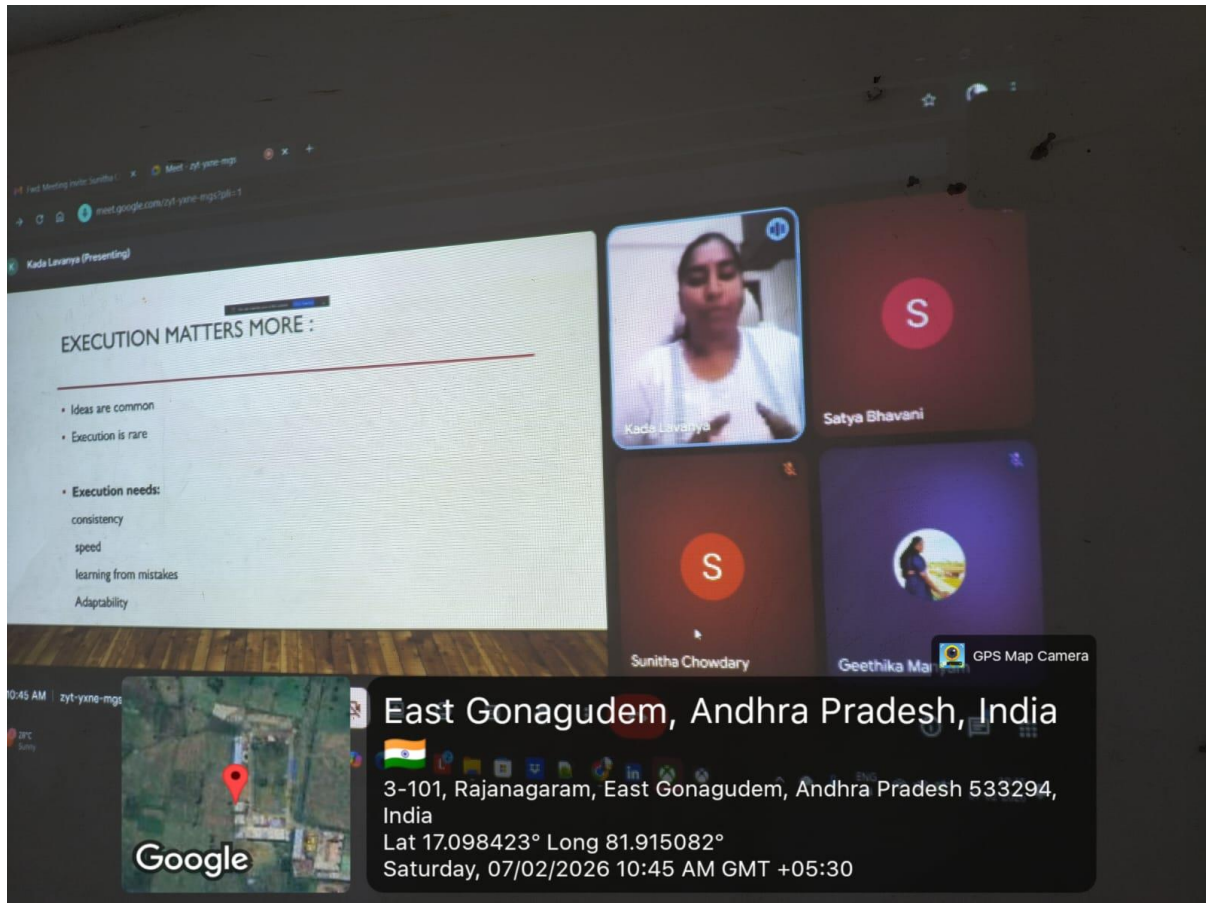
**Kada Lavanya**  
Senior System Engineer  
Infosys

- **Higher Education:** MBA
- **E-mail:** Kadalavanya0367@mail.com
- **Contact Number:** 97040 57889

- **Turn Innovative ideas into impactful ventures**
- **Entrepreneurial mindset** for AIML students
- **Industry insights** and real-world experiences
- **Career guidance** from a corporate professional

— **Organized By** —  
**J. Sunitha Bhagavadhgitha**  
Department of Artificial Intelligence & Machine Learning

The webinar focused on entrepreneurship, innovation, and transforming ideas into impactful ventures. Students learned the importance of execution, consistency, speed, adaptability, and learning from mistakes.



The speaker shared valuable industry insights, startup mindset, and career guidance for AI & ML students. The interactive session motivated students to explore AI-based startups, product development, and entrepreneurial opportunities.

The event successfully bridged the gap between academic learning and real-world corporate experience.

### Department Highlights

- Successfully organized technical workshops, webinars, and awareness programs for students.
- Conducted Virtual Lab awareness workshop to improve practical learning skills.

- Encouraged students to participate in hackathons, coding contests, and project expos.
- Promoted research, innovation, and real-time project development in emerging technologies.
- Strengthened industry interaction through guest lectures and expert sessions.
- Motivated students towards entrepreneurship, leadership, and start up culture.
- Supported students in achieving placements, internships, and higher education opportunities.

**Editorial Board:**

MR. G. Suresh, HOD

**Chief Editor:**

Mrs. B. Sushmitha

**Editors:**

Faculty Members & Students

Ms. J. Suneeta Bhagwath geetha

Mrs. J. Bhagya suma