

**Prof. Neelam Srivastava**  
**Dean- Training & Placement**  
Prof. Electronic & Comm. Engg.  
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**Ref: AKTU/CTPC/2025/1193**

**10 Feb, 2025**

To,  
The Directors/Principals  
Colleges affiliated/associated to Dr. APJ Abdul Kalam Technical University  
Lucknow, Uttar Pradesh

**Subject: Corrigendum of Circular no. AKTU/CTPC/2025/1192 dated 10 Feb,2025 on Launch of "Kalam Pragati Initiative" of AKTU in association with ERA Foundation for Engineering Students, an exclusive program aimed at equipping engineering students with the necessary skills, exposure, and resources to excel in their careers.**

**Dear Sir/Ma'am,**

We are pleased to inform you that AKTU, in association with ERA Foundation, is launching the "Kalam Pragati Initiative" on 28th February 2025. Under the pilot phase, two courses will be offered in the following domains:

- (1) Innovation & Design Thinking
- (2) Robotics

The program is for the **B.Tech(CSE/IT/All Streams) engineering students of 2<sup>nd</sup> year and above** starting from 28<sup>st</sup> February , 2025 at Centre for Advanced Studies, on every Friday and Saturday at AKTU Campus, Lucknow. Hence you are requested to circulate this among our eligible students to register themselves latest by 22nd February, 2025. The students will only be eligible for this program based on the assessment conducted by the organizing team. For more details please refer to the annexure-A attached herewith. Please nominate a Single Point of Contact - Faculty who can coordinate with the CTPC (Central Training & placement Cell-AKTU).

The inauguration of the Kalam Pragati Program will be held on the 28th of February 2025 at AKTU Campus Lucknow. We invite all The Directors/Principals along with SPOC's and the students to be a part of this Inaugural Event. Details will be shared soon.


**Registration Link for the Students:- <https://bit.ly/kalampragati>**  
**Registration link for the SPOC:- <https://bit.ly/kalamspoc>**

Best Wishes,

  
**(Prof. Neelam Srivastava)**

Copy to:

- (1) Registrar, AKTU,Lucknow
- (2) Finance Officer, AKTU, Lucknow
- (3) Staff Officer to Hon' Vice Chancellor for kind information

  
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**10 Feb, 2025**

To,  
The Directors/Principals  
Colleges affiliated/associated to Dr. APJ Abdul Kalam Technical University  
Lucknow, Uttar Pradesh

**Subject: Launch of "Kalam Pragati Initiative" for Engineering Students, an exclusive program aimed at equipping engineering students with the necessary skills, exposure, and resources to excel in their careers.**

Dear Sir/Ma'am,

Pleased to inform you that AKTU is organizing a program named "Kalam Pragati Initiative", under this AKTU is offering two pilot projects on domains like:-

- (1) Innovation & Design Thinking
- (2) Robotics

The program is for the **B.Tech(CSE/IT/All Streams) engineering students of 2<sup>nd</sup> year and above** starting from 28<sup>st</sup> February, 2025 at Centre for Advanced Studies, on every Friday and Saturday at AKTU Campus, Lucknow. Hence you are requested to circulate this among our eligible students to register themselves latest by 22<sup>nd</sup> February, 2025. The students will only be eligible for this program based on the assessment conducted by the organizing team. For more details please refer to the annexure-A attached herewith. Please nominate a Single Point of Contact - Faculty who can coordinate with the CPTO.

The inauguration of the Kalam Pragati Program will be held on the 28th of February 2025 at AKTU Campus Lucknow. We invite all The Directors/Principals along with SPOC's and the students to be a part of this Inaugural Event.

**Registration Link for the Students:- <https://bit.ly/kalampragati>**

**Registration link for the SPOC:- <https://bit.ly/kalamspoc>**

Best Wishes,

**(Prof. Neelam Srivastava)**

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- (1) Registrar, AKTU, Lucknow
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**(Prof. Neelam Srivastava)**

**About Kalam Pragati:**

This initiative is a step towards enabling engineering students to:

- Build competitiveness and choose the right career paths.
- Acquire 21st-century skills in collaboration with industry experts.
- Access advanced technologies, tools, and mentorship for developing innovative products and solutions that positively impact the community.

**Program Highlights:**

- **Venue:** Center for Advanced Studies, AKTU.
- **Course Type:** Physical Session (All sessions will be hands on and held in Center)
- **Courses Offered (Pilot Phase):**
  - **Innovation and Design Thinking**
  - **Robotics**
- **Structure:** Structured programs with hands-on training, practical exposure, and mentorship on emerging technologies and tools.
- **Eligibility:** Best 120 students per course, selected through an assessment process.
- **Commencement Date: 28 February 2025**
- **End Date: 17th May 2025**
- **Total Course duration: 30 hours.**
- **No of session in a week: 1 session of 3 hours.**

**Special Pilot Phase Offer:**

The courses, valued at ₹5000 each, will be offered **free of cost** under the Pilot **program** to selected students as part of this initiative.

**Students from the below-given colleges may participate:-**

Code	COLLEGE NAME
052	INSTITUTE OF ENGINEERING AND TECHNOLOGY, LUCKNOW
054	BABU BANARASI DAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, LUCKNOW
056	BABU BANARASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY,LUCKNOW
122	SHRI RAM SWAROOP MEMORIAL COLLEGE OF ENGG. & MANAGEMENT,LUCKNOW
203	RAMESHWARAM INSTITUTE OF TECHNOLOGY & MANAGEMENT,LUCKNOW
358	RAMESHWARAM INSTITUTE OF TECHNOLOGY & MANAGEMENT,LUCKNOW
360	GOEL INSTITUTE OF TECHNOLOGY & MANAGEMENT,LUCKNOW
361	R.R.INSTITUTE OF MODERN TECHNOLOGY,LUCKNOW
363	AMBALIKA INSTITUTE OF MANAGEMENT & TECHNOLOGY,LUCKNOW
422	BANSAL INSTITUTE OF ENGINEERING & TECHNOLOGY,LUCKNOW
431	B.N. COLLEGE OF ENGINEERING AND TECHNOLOGY, LUCKNOW

**NOTE :- ATTENDANCE IS MANDATORY.**

## Eligibility Criteria:-

All the students from B.Tech (CSE/IT & other streams) of the 2<sup>nd</sup> Year and above passing out batches.

Registration Link:-

<https://bit.ly/424rEmb?r=qr>

Or Scan the QR Code



Central Training & Placement Cell, AKTU in association with ERA Foundation presents

Program Partners:



# KALAM PRAGATI

Empowering Engineers with Skills for Success

## Course on INNOVATION & DESIGN THINKING

Start Date: 28th February, 2025 (Friday)

### Kickstart Your Career in Product Design

Kalam Pragati invites engineers to transform your creative ideas into real-world solutions. Learn cutting-edge tools and techniques to design, prototype, and pitch like a pro.

### Why Join Us?

Experience innovation firsthand through hands-on activities. Blend creativity with technology, tackle real-world challenges, and master state-of-the-art tools.

### Expand Your Skill Set:

- Web and Mobile application mockups
- 2D/3D model mastering for digital fabrication
- Solve real-world problems
- Advanced Arduino for complex projects

### What You'll Gain:

- Practical experience with Onshape, Figma & Arduino
- Exposure to real-world challenges to boost your portfolio.
- Confidence to pitch & prototype impactful ideas.

### What you will learn

- ✓ Getting Starting with Prototyping
- ✓ Designing Interfaces with Figma
- ✓ Paper Prototyping
- ✓ Build with Arduino and electronics
- ✓ Learning Advanced Arduino techniques for complex automation.
- ✓ Modeling with CAD, laser cutting, and 3D printing.
- ✓ Applying design thinking to solve problems.
- ✓ Pitch ideas and create practical prototypes
- ✓ Work on real-world challenges
- ✓ Collaborate in teams.

### Venue:

**Centre for Advanced Studies,  
AKTU, Lucknow**

Registration Deadline  
22nd Feb 2025



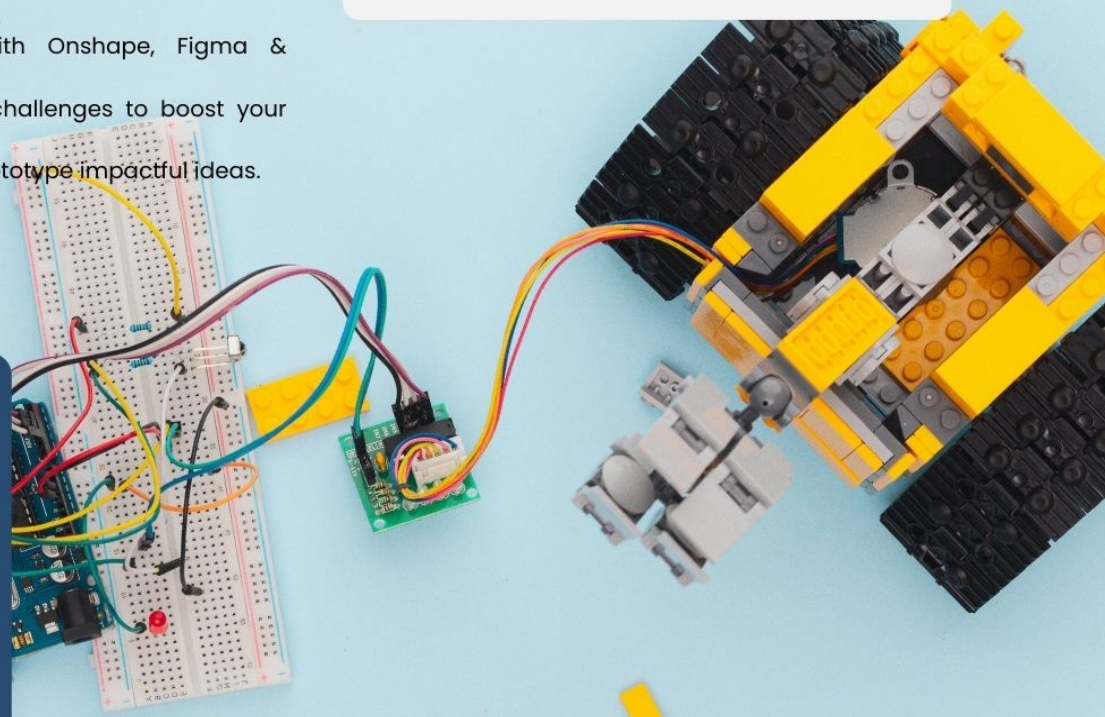
Scan the QR code to fill the interest form.



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Central Training & Placement Cell, AKTU in association with ERA Foundation presents

Program Partners:



# KALAM PRAGATI

Empowering Engineers with Skills for Success

## Course on ROBOTICS

Start Date: 28th February, 2025 (Friday)

### Kickstart Your Career in Robotics!

Kalam Pragati invites aspiring technologists and innovators to an exclusive Robotics Internship designed to provide hands-on experience and industry-relevant skills.

### Why Join Us?

Learn by Doing: Master robotics development with cutting-edge tools like Raspberry Pi and Arduino Uno.

### Expand Your Skill Set:

- Computer Vision with OpenCV
- Motor Control and GPIO Programming
- Serial Communication

### What You'll Gain:

- Practical experience with robotics tools and programming languages.
- Portfolio-worthy projects to showcase to potential employers.

### What you will learn

- ✓ Getting Starting with Robotics
- ✓ Motor Control with Arduino
- ✓ Sensor Interface and Application Dev
- ✓ Python
- ✓ GUI with Tkinter
- ✓ Raspberry Pi (RPI) OS installation
- ✓ Raspberry Pi GPIO Interface
- ✓ Raspberry Pi Motion Mastery: Basic Bot Movement
- ✓ Computer Vision OpenCV with Raspberry Pi
- ✓ Object Detection using OpenCV and HSV Color space
- ✓ Object Detection using Tensorflow

### Venue:

**Centre for Advanced Studies,  
AKTU, Lucknow**

Registration Deadline  
22nd Feb 2025



Scan the QR code to fill the interest form.

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