

**Prof. Neelam Srivastava**  
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**Ref: AKTU/CTPC/2025/1245**

**13 June 2025**

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

**Subject: Regarding Seminar on "Powering Pedagogy: AI and IoT for Enhanced Teaching and Professional Upskilling" – 11th July 2025 at Lucknow in collaboration with DesignTech Systems Pvt. Ltd.**

Dear Sir/Ma'am,

This is to inform you that AKTU in collaboration with DesignTech Systems Pvt. Ltd. and MathWorks® is organising faculty-focused complimentary seminar titled **"Powering Pedagogy: AI and IoT for Enhanced Teaching and Professional Upskilling"**, scheduled on 11th July 2025 (Friday) at Fairfield by Marriott, Lucknow, from 09:30 AM to 04:30 PM.

This seminar aims to empower academicians, faculty members, and research scholars with the knowledge and practical skills needed to integrate emerging technologies such as Artificial Intelligence (AI) and Internet-of-Things (IoT) into engineering education. It will also provide participants with valuable exposure to MATLAB® and Simulink® tools.

Hence, you are requested to circulate this among the Directors/HoD's/faculties/ Research scholars of the **Electronics/Electricals/ME/Computer Science departments** to register themselves through the below-given registration link, **who are currently using these tools.**

<https://www.designtechproducts.com/ai-and-iot-for-enhanced-teaching>

**Seminar Highlights:**

Key topics covered during the seminar include:

- AI for Engineering Applications
- Incorporating AI into the Engineering Curriculum
- MATLAB®-Python Interoperability for AI Development
- Hardware Integration and IoT Workflows using MATLAB® and Simulink®

Best Wishes,

**(Neelam Srivastava)**

Copy to:

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

**(Neelam Srivastava)**

# Powering Pedagogy: AI and IoT for Enhanced Teaching and Professional Upskilling

MathWorks® and DesignTech Systems in collaboration with Dr. A. P. J. Abdul Kalam Technical University, Lucknow, are organizing a complimentary full-day, in-person seminar on

**Powering Pedagogy:  
AI and IoT for Enhanced Teaching  
and Professional Upskilling.**

This seminar is designed to empower faculty members with the latest insights and practical skills to integrate emerging technologies like AI and IoT into engineering education.

Participants will explore topics including AI for Engineering Applications, Incorporating AI into the Engineering Curriculum, MATLAB®-Python Interoperability for AI Development and Hardware Integration and IoT Workflows using MATLAB® and Simulink®.

Through these sessions, educators will gain valuable knowledge and hands-on exposure to MATLAB® and Simulink®, enabling them to enhance teaching methodologies and prepare students for future-ready innovators and problem-solvers.

## Who can Attend:

Exclusively for

Directors

Deans

HODs

Faculty

Time	Sessions	Speaker
09:30 – 10:00 am	Registrations	
10:00 – 10:15 am	Welcome Note	Mr. Deepak Sharma Senior Account Sales Manager, MathWorks
10:15 – 10:45 am	Keynote	
10:45 – 11:30 am	AI for Engineering Applications – Part I	Dr. Lakshminarayan Viju Ravichandran Head, Education Technical Evangelist, MathWorks
11:30 – 12:00 pm	Tea Break	
12:00 – 01:00 pm	AI for Engineering Applications – Part 2 AI in Engineering Curriculum	Dr. Lakshminarayan Viju Ravichandran Head, Education Technical Evangelist, MathWorks
01:00 – 02:00 pm	Lunch	
02:00 – 02:30 pm	Academic Session	
02:30 – 03:15 pm	MATLAB®-Python Interoperability for AI Applications	Mr. Mahmooduz Zafar General Manager – Technical, DesignTech Systems
03:15 – 04:00 pm	Hardware Integration and Internet of Things workflows with MATLAB® and Simulink®	Mr. Mahmooduz Zafar General Manager – Technical, DesignTech Systems
04:00 – 04:15 pm	Closing Remarks / Vote of Thanks	
04:15 – 04:30 pm	Networking & High Tea	

## Speakers:



Mr. Deepak Sharma  
Senior Account Sales Manager,  
MathWorks



Dr. Lakshminarayan  
Viju Ravichandran  
Head, Education Technical Evangelist,  
MathWorks



Mr. Mahmooduz Zafar  
General Manager – Technical,  
DesignTech Systems

**Date :** Friday 11th July, 2025

**Venue :** Fairfield by Marriott, Lucknow

**Time :** 09:30 AM to 04:30 PM



For queries, reach us at :

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www.designtechproducts.com



Scan to Register

Registration Link:  
<https://bit.ly/4jF2UpF>