

## A Report on One day Awareness Program for Teaching and Non-Teaching Staff on "Enhancing the Understanding and Utilization of MathWorks Tools Across Various Departments"

Organized by **Department of Electronics and Communication Engineering**  
in association with **IIC, MITS**  
on **04.03.2025**



Department of Electronics & Communication Engineering  
Organizes  
"Awareness Program for Teaching and Non-Teaching Staff"  
"Enhancing the Understanding and Utilization of  
Math Works Tools Across Various Departments"

Date : 04/03/2025 Time : 10:00 AM - 01:00 PM Venue : Seminar Hall/ Scale up Room

Resource Person  
**Mr. Ramana Reddy A V**  
Senior Engineer,  
Education & Research,  
ARKANCE Pvt Ltd, India

Resource Person  
**Ms. Monica Nammi**  
Sales Account Manager,  
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Organized by Electronics & Communication Engineering



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Report Submitted by: **Dr Suman Saurav**, Assistant Professor, Department of Electronics & Communication Engineering.

Resource Person Details: **Mr. Ramana Reddy A V**, Senior Engineer, Education & Research, Arkance Pvt Ltd; **Ms. Monica Nammi**, Sales Account Manager, Arkance in Pvt Ltd.

Mode of Conduct: **Offline**

Report Received on **04.03.2025**.

Venue: **Circular Lab - 10**

Attendance: **25 faculties**

### Program Report:

The Department of Electronics and Communication Engineering (ECE), in collaboration with the Industry Institute Interaction Cell (IIC) of MITS, successfully organized a one-day Awareness Program on Enhancing the Understanding and Utilization of MathWorks Tools Across Various Departments on March 4, 2025. The event took place in the Circular Lab-10 and was attended by faculty members, technical staff, and Students from multiple departments.



The objective of the program was to provide hands-on exposure and enhance the familiarity of the participants with MathWorks tools such as MATLAB and Simulink. These tools are widely used in engineering, science, and management applications for data analysis, algorithm development, simulation, and modeling.

Two sessions were conducted by Mr. Ramana Reddy A V and Ms. Monica Nammi from Arkance In Pvt Ltd, who shared their expertise in MATLAB applications, latest advancements, and industrial relevance of the software.

### Key Highlights of the Event:

- **Introduction to MathWorks Tools:** A comprehensive overview of MATLAB, Simulink, and their role in academic and industrial applications.
- **Hands-on Demonstrations:** Live demonstrations of various functionalities and applications of MATLAB and Simulink in different domains.

- **Use Cases and Industrial Relevance:** Practical insights into how MathWorks tools are employed in real-world engineering problems and research applications.
- **Interactive Q&A Session:** Participants had the opportunity to clarify doubts and discuss their specific requirements related to the software.

### **Outcomes of the Program:**

- **Enhanced Awareness:** Participants gained a fundamental understanding of MATLAB and Simulink tools, their features, and their applications in diverse fields.
- **Improved Technical Skills:** Faculty and staff members acquired hands-on experience, enabling them to integrate MathWorks tools into their academic and research activities.
- **Interdisciplinary Collaboration:** Encouraged cross-departmental discussions on how MathWorks tools can be effectively utilized for research and academic purposes.
- **Industry Exposure:** Insights from experts helped participants understand how industries leverage MATLAB for solving complex engineering problems.
- **Potential for Further Training:** Identified the need for advanced training sessions and workshops for in-depth learning and specialization in MathWorks tools.

The event was well received by the participants, and positive feedback was shared regarding the resource persons and content delivery.