



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES



Hands-on Workshop on Low - Cost Hardware Integration with MATLAB and Simulink

*Two - day practical workshop covering Arduino integration,
Simulink workflows and sensor data handling.*

27th November, 2025
10:00 am to 4:30pm

- Low-cost hardware support
- Installing hardware support packages
- Setting up and Configuration of
- Arduino Object in MATLAB
- Logging Data with Arduino Explorer
- Writing Algorithms in
- MATLAB for interacting with
- Hardware
- Act on Data Sensor Data

28th November, 2025
10:00 am to 4:30pm

- Introduction to Arduino Simulink Library Blockset
- Modeling and Interacting with Board Pins
- System Modeling for Hardware Peripheral Interaction
- Demos and Activities
- Other Protocols and Capabilities
- Summary

Speaker : Rakshith B S



Venue : B 103B
Organised by Department of
Electronics and Communication

Co-ordinators :

Dr Ramaswamy Karthikeyan B
Dr Praveen LS - **9535762626**
Mrs Deepthi S