

## Centre of Excellence in Sensor Technology Applications (CSTA)

### Internship Modules for Engineering students



### Internship on Sensor and Sensor's applications development using IoT

- M1.Introduction to Various Sensors and Actuators.
- M2.Introduction to sensor fabrication process.
- M3.Hands-on training on Active and Passive sensors interfacing with Arduino Uno.
- M4.Hands-on training on Actuators interfacing with Arduino Uno.
- M5.Introduction to design thinking concepts to enhance product development skills.
- M6.Hands-on training on applications development through PoC development.
- M7.Introduction to Internet of Things (IoT).
- M8.Introduction to various IoT cloud platform and its hands-on usage.
- M9.Hands on training on, pushing the sensor data to cloud (IoT) using Node MCU.
- M10.Application Specific major project execution towards cutting edge technologies on
  - A. Home Automation
  - B. Industrial Automation
  - C. Agriculture Automation
  - D. Bio Medical Applications
  - E. Automotive Electronics Applications and many more

#### For Further Information Contact:

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