Centre of Excellence in Sensor Technology Applications (CSTA)

Internship Modules for Engineering students

Internship on Sensor and Sensor's applications developmentusing IoT

In Association with
neXsys
NEXSYS CONTROLS PVT.LTD.

1. Introduction to Various Sensors and Actuators.
2. Introduction to sensor fabrication process.
3. Hands-on training on Active and Passive sensors interfacing with Arduino Uno.
4. Hands-on training on Actuators interfacing with Arduino Uno.
5. Introduction to design thinking concepts to   enhance product development skills.
6. Hands-on training on applications development through PoC development.
7. Introduction to Internet of Things (IoT).
8. Introduction to various IoT cloud platform and its hands-on usage.
9. Hands on training on, pushing the sensor data to cloud (IoT) using Node MCU.
10. 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:

1. Dr.Kendaganna Swamy S
   Assitant Profesoor,
   Dept. EIE,
   Email Id: Kendagannaswamys@rvce.edu.in
   Mob: 9980672756

2. Dr.Vishnu Murthy
   Assitant Professor,
   Dept. Of Chemistry,
   Email Id: vishnumurthyka@rvce.edu.in
   Mob: 9741211557

RV College of Engineering®

Mysore Road, RV Vidyaniketan Post,
Bengaluru - 560059, Karnataka, India

+91-80-68188110|www.rvce.edu.in

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