RV Educational Institutions ®
RV College of Engineering ®

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi, Accredited By NAAC, Bengaluru And NBA, New Delhi

Go, change the world

Industry Certified Internship

CISCO

CISCO-RVCE Centre of Excellence in Internet of Things

Internship Modules for Engineering students

M1. Embedded Systems

1) IoT assisted Sleep Apnea Monitoring and Assessment
2) IoT enabled Chronic Obstructive Pulmonary Disease Monitoring and Assessment
3) IoT and Machine learning based recognition of plant diseases by leaf image classification.
4) Soil NPK detection based on Colour sensor using IoT and Machine Learning
5) Maintenance and Monitoring system for home office and manufacturing floors
6) IOT based Early Flood Detection and Alarms
7) AI enabled Soil Water Need Analyser and Resource Planner for Agriculture Productivity and Quality Enhancement

M2. Intelligent Analytics

1) Demand forecasting of Resources for Hospitality Management
2) Fruit Disease Detection using Image Processing
3) Development of generic framework for Epidemic diseases
4) Predictive Maintenance of Software Systems
5) Face mask detection in street camera video streams using AI

M3. IoT Application Development

1) Android-based IoT Dashboards For Smart Farming
2) Android-based Aquaculture Monitoring System
3) Remote Pet monitoring using IoT
4) IoT based security system for farms
5) Monitoring environment in a Poultry Farm
6) Livestock Monitoring using IoT
7) Remote Health monitoring of high altitude workers

For Further Information Contact:

Dr. Renuka Prasad B
Associate Professor,
Master of Computer Applications (MCA)
Email ID:renukaprasadb@rvce.edu.in
Mobile: 9901945674

M4. Networking for IoT

1) Automated shop trajectory findings(based on shopping list)
2) Security defense deployment for different VLAN infrastructure in Shopping mall/complex.
3) Automatic Billing System In Mega Mall
4) Anticipate customer trends
5) Customer service requirements application (App) for shopping mall

M5. Intelligent Systems

1) Chatbot Using Deep Learning -Campus assistive system
2) Recognition of Traffic Sign and converting it to Voice
3) AI for object detection and labelling of real time x-ray scanned images
4) AI assisted underwater mine identification
5) Detection of Vegetation and sparseness of land in Satellite images
6) On-site construction progress monitoring system using satellite remote sensing or Aerial images
7) Acoustic scene classification (ASC) in environmental audio recordings
8) Human Pose Estimation using deep learning
9) Action recognition and classification in sports