



# INTERNSHIP PROGRAM

## BRANCHES

ECE, EEE, CSE, ISE, TCE & Instrumentation

## ABOUT THE PROGRAM

DST Internship program is a bi-directional exchange of technical information between the workforce at DST and University students, including hands on Technical Training structured to meet the needs of today's Embedded Design Engineers. Our program is designed exclusively in accordance with all the norms set forth by AICTE.

## CONCEPTS

### EMBEDDED AND IOT

- Arm Cortex M4f Architecture
- Communication Protocols I2C,SPI,UART,USB
- Network Protocol MQTT,SSH,HTTP,TCP/IP
- GSM & GPS Technology Integration
- Working with Cloud Service Providers
- Robotics and Power Management
- IOT Applications and Security Handling

### AI, ML AND DL

- Introduction to Python
- Python for Data Analysis
- Deep Learning: Fully Connected Neural Networks
- Convolution Neural Networks
- Recurrent Neural Networks
- Natural Language Processing

## KEY BENEFITS

- Hassle free Internship can be conducted at your own College Campus
- Domain knowledge on the Technology and major focus on Hands-On Sessions
- Ample opportunities to get placed in Core Companies
- Industrial Standard Trainings to Bridge the Gap between Academia and Industries
- Certified 4 weeks of internship Program

## POWERED BY



Texas  
Instruments



### DIGITAL SHARK TECHNOLOGY PVT LTD.

# 888, 2nd Floor, 80 Feet Ring Road, papareddypalya  
2nd Stage, Nagrabhavi, Bengaluru,Karnataka-560072

+91 - 74117 42565  
+91 - 99166 33458

www.digitalshark.in  
info@digitalshark.in

