



Department of Computer Science and Engineering, National Institute of Technology Rourkela

organizes

Summer Internship cum Skill Enhancement Program on Internet of Things (IoT) and Data Analytics

13th June - 13th July 2025

Patron

Prof. K. Umamaheswar Rao
Director, NIT Rourkela

Chairperson

Prof. Bibhudatta Sahoo
HOD, Department of CSE

Convener

Prof. Suchismita Chinara
Associate Professor, Department of CSE

REGISTRATION DETAILS

- Registration: up to 5th June 2025
- Duration: 13th June - 13th July
- Venue: CSE Department, NIT Rourkela
- Account Name: Continuing Education, NIT Rourkela Bank
- Account Number: 10138951784
- Bank Name: State Bank of India (02109)
- Branch: NIT Campus Rourkela
- IFSC Code: SBIN0002109

Course completion certificate at the end of the internship.

COURSE DETAILS

- Introduction to the Internet of Things
- Interfacing with Arduino and ESP Microcontrollers.
- Interfacing with Analog and Digital Sensors.
- Bluetooth and WiFi Communication with Microcontrollers.
- IoT Communication Protocols and Cloud Connectivity.
- Python Programming.
- Setting Linux and Anaconda environments for ML and AI.
- Data Collection and Dataset Creation using IoT and creating own ML Models.
- Data Visualization and Analysis using State of the Art techniques.

Registration Fees: Rs 4000 + 720 (18% GST)

Registration fees include registration kit, refreshment, and course materials.

Hostel accommodation and food will arranged for outstation students on payment basis as per the availability.

For more details contact: Prof. Suchismita Chinara (9437116795) and Mr Vipul Negi (9997364106)

> <https://forms.gle/ptrCdjZCEihqCj67>