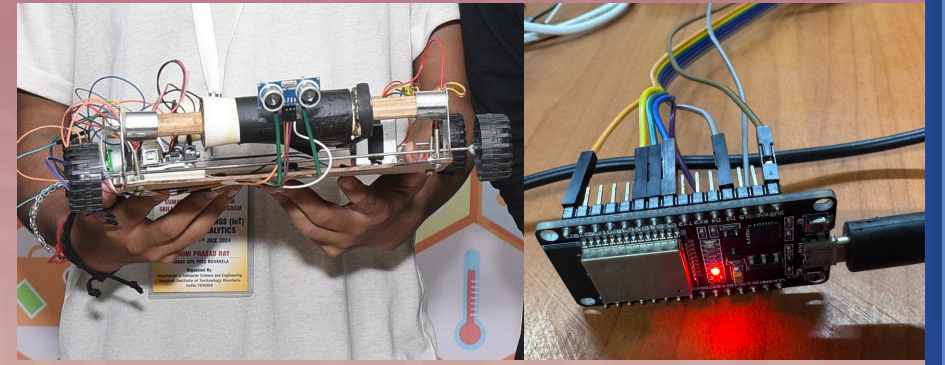


Anusandhan  
National  
Research  
Foundation



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

organizes

## Summer Internship on IoT and Data Analytics for Smart System Design

8<sup>th</sup> June - 7<sup>th</sup> July 2026

### Patron

**Prof. K. Umamaheshwar Rao**  
Director, NIT Rourkela

### Convener

**Prof. Suchismita Chinara**  
Associate Professor, Department of CSE

### Chairperson

**Prof. Bibhudatta Sahoo**  
HOD, Department of CSE

### REGISTRATION DETAILS

- Registration: Upto 15<sup>th</sup> May 2026
- Duration: 8<sup>th</sup> June - 7<sup>th</sup> 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.

Registration Includes:

- Registration Kit.
- Daily Refreshment.
- Course Material.

### 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.
- Technical Writing.
- Python Programming with 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 5000+ 900 (18% GST)

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

For more details contact: Prof. Suchismita Chinara (9437116795) and Mr Vipul Negi (9997364106)  
> <https://forms.gle/Pkg5bp7PKSpYFUZR7>