National Institute of Technology Durgapur

An Institute of National Importance (Government of India)
Durgapur – 713209, West Bengal

MeitY
Government of India

3rd Bootcamp on Unmanned Aerial Systems & Related Technology

10th Jan to 14th Jan, 2024

About the Boot Camp

National Institute of Technology Durgapur has been selected as one of the participating institutes (PI academic) of the project "Capacity Building for Human Resource Development in Unmanned Aircraft Systems (Drone & Related Technology)" by Ministry of Electronics & Information Technology (MeitY). As a part of the project activities this bootcamp is organized with an initiative to develop introductory knowledge on Unmanned Aerial Systems & Related Technology

Technical Content Coverage

- Introduction to UAV/Drone Technology
- Rules and Regulation in UAV/Drone Technology
- Fundamental Concept of Flight Mechanics and Hands on Experience on Multicopter Drone design
- Fundamental Concept of Embedded Mechatronics associated with Aero-Systems
- Requirement Analysis and Design of Multicopter: Aerodynamics, Aerostructure
- Requirement Analysis and Design of Mechatronic Assembly of Multicopter
- Fundamental Control Strategies for Drone (Flight Stabilization), GPS Navigation
- Hands on Training on Embedded Mechatronics associated with Aero-System, Control using Matlab, Drone Assembly, Flight Testing
- Applications of Drone Technology

Resource Persons

- Eminent Faculty Members and Researchers of NIT Durgapur from the
- Department of Electronics & Communication Engineering,
- Department of Electrical Engineering,
- Department of Mechanical Engineering,
- Department of Computer Science and Engineering

Venue, Date and Time

NIT Durgapur
Date: 10-14 January, 2024
Timing: 9:00 AM to 6:15 PM

Last Date to Apply

Registration Deadline: 9th Jan, 2023, Till 11 pm.
On-spot registration is also accepted.

What Participants will get

- Theoretical and Practical knowledge with hands on experience
- Session delivery by renowned experts
- Certificate on successful completion of the course

Register here

Registration free
Register using the following QR code

Coordinators

Dr. Nilanjan Chattaraj	ECE Department.	(9434789050)
Dr. Jayati Dey	EE Department.	(9434788173)
Dr. Aritro Dey	EE Department.	(9434789038)
Dr. Deepak Kumar	ME Department.	(9434789028)
Dr. Sujoy Saha,	CSE Department.	(9434789009)

Contact

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