Dr B R Ambedkar National Institute of Technology Jalandhar
Organizes a Five-days Bootcamp On
"DFDA: DRONE FUNDAMENTALS, DEVELOPMENTS, AND APPLICATIONS"
at
I.K.G. Punjab Technical University (Main Campus), Kapurthala Punjab
MAY 27 TO MAY 31, 2024

An Initiative under the project "Capacity Building for Human Resources in Unmanned Aircraft Systems (Drone and Related Technology)" funded by MeitY

About Bootcamp

Dr. B.R. Ambedkar National Institute of Technology Jalandhar, in collaboration with I.K.G. Punjab Technical University, is hosting a five-day intensive bootcamp titled **"DFDA: Drone Fundamentals, Developments, and Applications"**. The bootcamp is meticulously designed to provide participants with a deep dive into drone technology, covering fundamental concepts, recent advancements, and practical applications.

Bootcamp Details

- Introduction to Drone Technology
- Fundamentals of Drone Technology
- Basic Drone Piloting
- Safety and Legal Aspects
- Drone Components and Assemble
- Flight Controllers and Sensors

- Programming Drones
- Hands-on Assembly Lab
- Testing and Troubleshooting
- Integration of Advanced Sensors and Payloads
- AI and Machine Learning in Drones
- Drones in Surveillance and Monitoring

- Drones in Emergency Response and Public Safety
- Drones in Commercial and Industrial
- Future Trends and Emerging Technologies in Drones
- Entrepreneurship and Business Opportunities in the Drone Industry

Venue

Main Campus, I.K.G. Punjab Technical University, Kapurthala 27th May to 31st May, 2024

Resource Persons

Experts from academia and industry in unmanned aerial systems

Eligibility Criteria

Bootcamp is open to faculty and students (B. Tech/M. Tech/PhD Scholars) from all departments

Drone Fundamentals, Developments, and Applications @ I.K.G.P.T.U Kapurthala

Registration Here

Scan QR code for registration or click here

Last date to apply is **27th May 2024**

Registration Fee

Rs. 100 + GST (18%)

Patrons		Coordinators		Contact Details
Prof. Binod Kumar Kanaujia (Director, NIT J)	Prof. Susheel Mittal Vice Chancellor IKGPTU, Kapurthala, Punjab	Prof. Arun Khosla Dr. H.S Chore Dr. O.P Verma	Dr. Satvir Singh (IKGPTU) Dr. K. P Sharma Dr. Samayveer Singh	Dr. Sandeep Verma (Project Lead) Sandeepverma@ieee.org 99143-74003