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## PRESS RELEASE

### Department of Electronics Engineering is organizing a 5 Day Bootcamp on Unmanned Aerial Systems, Sensors, and Communications

We are happy to announce that the Department of Electronics Engineering is organizing a training program for capacity building for Human resource development in Unmanned Aircraft Systems (guidance, navigation, and control) in India under a project funded by the Ministry of Electronics and Information Technology. This bootcamp training program will provide the theory and Hands-on experiments on Drone Electronics. This workshop will be conducted from 13-17 May, 2023. The venue for the event is Drone Electronics Lab, Electronics Engineering Department, 6th Floor, New Academic Complex.

The brief program outline of the bootcamp is provided below:

- **Introduction to Drones**
- **Basics of Aircraft Systems**
- **Classification**
- **UAV communication**
- **Sensors**
- **Data Acquisition Systems of UAV**
- **Demonstration of drone assembly**
- **Hands-on some aspects/Challenges of drone electronics**
- **Applications of Drone Systems**

Eligibility Criteria: Any B.Tech/M.Tech/M.S./Ph.D/ Diploma Passout/Pursuing students belonging to IIT(ISM) Dhanbad and from other institution as well can join the camp. A minimal registration fees of **Rs.500.00** is applicable for participants for this 5-Day Camp. However, if the participants seek accommodation inside the campus, registration fees is **Rs.3,000.00**.

Prof. Abhishek Grover, one of the Coordinators of the bootcamp said “ Drone robotics is quite a significant subject to be learnt by our youngsters these days. Government is funding such workshops for capacity building for Human resource development in Unmanned Aircraft Systems (guidance, navigation, and control. These workshop will help to learn about Integration of electronics in practical systems, Embedded systems and Sensors, Systems and mechanics related to drones.”

Rajni Singh

*Dean (Media & Branding)*



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