

About the Program

NIT Rourkela is going to organize a training program for capacity building for human resource development in unmanned aircraft systems in India under a project funded by MeitY.

Contents

- UAS/Drone technology development
- Overview of drone system designing using Matlab/SIMULINK
- Drone assembly and manufacture Hands-on.
- Calibration of KK Board and flying
- Pixhawk and flying single drone

Session Delivery

- Sessions will be taken by NIT Rourkela faculty and industrial experts.
- For this inter-disciplinary event, all faculty members, working professionals, industrial staff/final and pre-final year students and research scholars interested in this technology can apply.
- Certificates will be issued after completion of the event.

Registration

All students: Rs.1500/-(incl.GST)

Others: Rs.2500/-(incl.GST)

Registration includes lecture notes, refreshments. All interested should fill the following google form before 12th March

<https://forms.gle/cdRXbbMmKBX8Svm78>

Objectives of the event

Today with internet of things technology, the remote-controlled vehicles are playing a major role in every sector. In this context, drones and unmanned aerial vehicle control has become an important task. The curriculum concepts of control systems, robotics have to be correlated with the practical concepts and it is planned to have a 5-day training workshop by both academic and industrial experts for the benefit of students and professionals in this area.

NIT Rourkela is organizing several such events and this 5-day workshop with planned sessions would help the participants in improving their skills and understand the on-going technology.

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इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY



Bootcamp Program on Drone Technologies using KK Board and Pixhawk

(18-22nd March 2023)

Organized jointly by
NIT Rourkela
&
Skyy Rider Institutions
for Advanced skill and
Research Pvt. Ltd.,

