VRITIKA RESEARCH INTERNSHIP

Malicious Drone Identification System Based on Radio-Frequency (RF) Fingerprints

Duration: May 15 - July 15

'VRITIKA' is a call for scientific initiation and practice through training and skill internship. Through this internship, the programme seeks to foster a strong interest in scientific and engineering research as well as providing technical insight into the field of science and engineering. Organizations, institutes, and laboratories of national significance will largely facilitate these internships

FUNDED BY
SCIENCE & ENGINEERING RESEARCH BOARD (SERB), GOVT. OF INDIA, UNDER ACCELERATE VIGYAN SCHEME

ORGANISED BY
Indian Institute for Technology Patna, Bihar

Prizes will be given to the best performer

APPLY NOW

NATURE OF SUPPORT
LODGING, FOOD, STATIONERY, TRAVEL (TO & FRO) REQUIRMENTS WILL BE GIVEN FREE OF COST AS PER SERB NORMS.

WHO CAN APPLY
Btech, MTech and PhD students enrolled in any Indian University or Institution

OBJECTIVE
1. To provide a rich knowledge of drones and emitter systems and their radio frequency fingerprints.
2. Design steps overview for the development of resource costrained deep learning algorithms and their implementation on various emitter devices and drones.
3. Generation of skilled and trained manpower through this training to promote entrepreneurship in the defence sector.
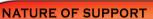4. Converting research training into a reputed indexed publication by enhancing research paper writing skills.

SELECTION CRITERIA
• Academic achievement in university examinations (CGPA/percentage of marks)
• Participation in academic/co-curricular competitions and other awards/distinction
• Reputed research paper and/or academic research projects will be given preference

Note: Selected candidates will be notified through e-mail.

Selected applicants should have to produce a letter of authentication from their Supervisor / Head of the Department / Head of the Institute indicating their association with the Institute and "No Objection Certificate (NOC)" for allowing their student to undergo internship.

TERMS AND CONDITIONS
• Selected candidates shall attend the program physically. Attendance (100%) is mandatory
• The interns should follow the institute's rules and regulations strictly.
• Accommodation shall be provided depending on the availability of rooms.
• Interns will complete the assigned tasks and assignments timely.
• Submission of individual final report at the end of the tenure is mandatory.
• It would be appreciable if candidates bring their own laptops.

DETAILS
• Duration: Minimun 4 weeks
• Venue: Dept. EE, Indian Institute for Technology, Patna
• Course completion certificate at the end of successful internship

LAST DATE FOR SUBMISSION OF APPLICATIONS: 10 MAY 2023

HURRY UP! Limited Seats Available

Register at: https://forms.gle/tiP4d2KWygBoJm6QA

Event Organiser
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