Institute of Infrastructure, Technology, Research and Management (IITRAM)

Advertisement for recruitment of Research Associate /Junior Research Fellowship (JRF) at Centers of Excellence – Drone Technology
(Last date of online application: April 30th, 2024)

The Institute of Infrastructure, Technology, Research and Management (IITRAM) is an autonomous Institute established by the Government of Gujarat. The Institute has established Centers of Excellence (CoE) in the areas of Drone Technology, Advanced Defence Technology, Artificial Intelligence and Machine Learning, and Aerospace and Defence.

IITRAM invites applications from highly motivated candidates (Indian citizens) with excellent academic background to work as Research Associate/Junior Research Fellows (JRF) at Center of Drone Technology (CDT) as per following details:

Category	Details
Name of the Position	Research Associate / Junior Research Fellow
Name of the Center	Center of Drone Technology (CDT)
Title of the Project	Design and Analysis of Drone for high altitude operations
Name of PI	Dr. Abhishek Rawat and Dr. Ajit Kumar
No. of Positions	02
Emoluments (p.m.)	31,000 + HRA**
Essential Qualifications and Experience	M.E./M. Tech in Aerospace/Mechanical/Electrical/Electronics/CSE/IT or other relevant discipline or equivalent qualification with 60% marks or 6.0 CPI (on a 10.0-point scale) OR M.Sc. in Aerospace or related discipline with 75% marks or 7.5 CPI (on a 10.0-point scale)
Desirable Skills	☐ Understanding basic components and algorithms used in design of UAVs (rotary, fixed wing, hybrid) ☐ Basic idea of calibration, testing and deployment of UAVs. ☐ Work/Project experience of working on microcontrollers (Arduino or Raspberry-pi, development boards) ☐ Experience of working on software's such as MATLAB, Python etc.
Period of Appointment	Upto 3 Years#
Job Description	Perform the research activity in line with the requirements of the COE stated in the subject line. As per the institute norms candidate should perform the academic duty up to 8 hrs per week

**HRA is admissible only when Institute hostel accommodation is not available.

#Refer Sr. No. 2 of General Conditions.

<u>General Conditions:</u>

1. Upper Age Limit: 28 years as on the closing date of receipt of application. The upper age limit shall be relaxed to the candidates belonging to Scheduled Castes, Scheduled Tribes and OBC as per the Government of Gujarat norms.
2. The initial appointment will be for 11 months but extendable upto three years (11 months at a time) after satisfactory performance evaluation at the end of each tenure.
3. How to apply: Candidates must apply online on the Institute portal at www.iitram.ac.in/career .
4. Upload the certificates in support of educational qualification, school leaving certificate/birth certificate/Aadhar card in support of date of birth, GATE/NET score card (if applicable) valid as on closing date of application, and caste certificate.
5. Director General, IITRAM reserves the right to reject the candidature.

*Kindly Note: Applicants may also apply for Ph. D. program at IITRAM through the following link:

https://iitram.ac.in/phd2425autumn