



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D(Advt.)/2024-25/089

14 February 2025

Project Recruitment

Applications are invited from the citizen of India for filling up the following temporary position in the Sponsored Research Project at this Institute. The position is purely temporary, initially for a period of 01 Year, and same extendable but co-terminus with the duration of the project, on a contractual basis with consolidated pay. The requisite qualification, experience and other details are given below:

1.	Project No.	S/DRDO/JKM/20240210
2.	Project Title	Development of Multi-agent Amphibious Quad-copter System
3.	Name of the Project Investigator	Dr. Jayant Kumar Mohanta
4.	Duration for initial appointment	01 Year
5.	Name of the Post	Senior Research Assistant
6.	Post	01
7.	Consolidate Pay	Rs. 43,600+ HRA @18% (As per Sanction letter)
8.	Minimum Qualification and Experience	<p><u>Eligibility:</u></p> <p>B. Tech or B.E. or AIME and equivalence</p> <p>OR</p> <p>Graduate Degree in appropriate Discipline / Technical Diploma +5 years of relevant experience. In exceptional cases ITI with 11 years of experience will also be considered.</p> <p><u>Desirable Qualification:</u></p> <p>Sr. Research Assistant: Min of 3 years of relevant experience.</p>
09.	Job Description	<ol style="list-style-type: none">1. Prepare 3D models of parts from component designs and create molds for manufacturing small components using vacuum bagging and 3D printing.2. Perform electrical tasks such as soldering, circuit connections, and hardware assembly.3. Assist in the maintenance of drones, including waterproofing electrical components and replacing damaged parts.4. Support Research Assistants (RA) and Senior Research Fellows (SRF) in setting up test equipment and during physical testing of drone prototypes.5. Maintain the test facility, ensuring all equipment is properly set up and functioning for experiments.

		<p>6. Oversee the procurement of equipment and consumables via GEM or Non-GEM channels, ensuring proper procedural compliance.</p> <p>7. Maintain an inventory of equipment and materials related to the project.</p> <p>8. Assist the Principal Investigator (PI) with administrative tasks, including report writing and tracking budget utilization.</p>
10.	Brief description of Project	The broad objective of the project is to develop gaming system which uses AI based strategists using specific techniques of reinforcement learning and advanced machine learning.
11.	Maximum Age	35 Years
12.	Age Bar	Age will be calculated on the closing date of the online submission of the application. Relaxation in age for the category candidates only would be admissible as per Central Government Rules. Also kindly enclose the Caste Certificate along with the application.

The candidates possessing the requisite qualification and experience should apply through the **ONLINE process** up to **28 February 2025**.

It is mandatory to send the soft copy of the application with all relevant documents to recruitment_rnd@iitj.ac.in (Please mention the advertisement number in the subject line of the email). **Without documents, your application will not be considered.** There is no need to send the hard copy.

General Instructions to Applicant(s)

1.	The post(s) is purely temporary and contractual for a period of 01 Year and extension based on satisfactory performance, but co-terminus with the duration of the project
2.	Application, which is incomplete, not in prescribed format, without photograph or unsigned will be summarily rejected.
3.	Certificate in support of experience should be in proper format i.e. it should be on the organizations letter head, bear the date of issue, specific period of work, name and designation of the issuing authority along with his signature.
4.	Institute reserves the right to: <ul style="list-style-type: none"> a. Fix, modify or revise the eligibility conditions, age and selection criteria as per its requirements, at any time. b. Fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason. c. Place a reasonable limit on the total number of candidates to be called for the Written Test and/or Skill Test, Interview.
5.	The Institute shall verify the antecedents or documents submitted by a candidate at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
6.	Higher initial pay may be given to exceptionally qualified/deserving candidate.
7.	No TA/DA shall be paid to the candidates for attending the interview.

8.	No correspondence will be entertained from candidates regarding interview and reasons for not being called for interview.
9.	Canvassing in any form will be a disqualification.
10.	No interim correspondence will be entertained.
11.	No need to send hard copy.

Officer In-charge
Research & Development