



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D(Advt.)/2024-25/015

14 May 2024

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/AMP/20230038
2.	Project Title	Active noise control for a noise generating equipment in a compartment
3.	Name of the Project Investigator	Dr. Amrita Puri
4.	Duration for initial appointment	1 year
5.	Name of the Post	Junior Research Fellow
6.	Post	02
7.	Consolidate Pay	Rs. 37,000/-+HRA (as per institute norms).
8.	Minimum Qualification and Experience	<p><u>Eligibility:</u> BE/BTech in Mechanical or Electrical Engineering or AI and Data Science or other relevant branch with NET/GATE. OR M.E./M.Tech in Mechanical Engineering with specialization of Design or Solid Mechanics or other relevant branch OR M.E./MTech in Electrical Engineering with specialization in signal processing or control systems or other relevant branch. OR A Postgraduate Degree in a relevant subject with a NET score OR Candidate with Graduation degree with National level written test score as per DRDO JRF norms</p> <p><u>Desirable Qualification:</u> The candidate is preferred to have:</p> <ol style="list-style-type: none">1. Candidate should be well versed with basics of finite element methods and MATLAB. It is preferred if the candidate can write FE codes and has a knowledge of Ansys or COMSOL or other FE software.2. Candidate should be well versed with fundamental of

		<p>vibrations.</p> <p>3. Knowledge of acoustics is preferred.</p> <p>4. It is preferred if candidate is well versed with concepts of signals and systems, and signal processing.</p> <p>5. Knowledge of machine learning and deep learning algorithms is preferred.</p> <p>6. Experience of experimental work is preferred.</p>
9.	Brief description of Project	The project deals with numerical study of machines and development of active noise control algorithms. Further, the candidate will be involved in development of experimental set up and experimental studies of active noise control.
10.	Job Description	The candidate will do numerical studies pertaining to modelling of machines and development of control algorithms. Further, the candidate will be involved in development of experimental set up and experimental studies of active noise control.
11.	Maximum Age	30 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 May 2024**.

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.	<p>Institute reserves the right to:</p> <p>a. Fix, modify or revise the eligibility conditions, age and selection criteria as per its requirements, at any time.</p> <p>b. Fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason.</p> <p>c. Place a reasonable limit on the total number of candidates to be called for the Written Test and/or Skill Test, Interview.</p>

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