



# Indian Institute of Technology Jodhpur

## Office of Research and Development

Advt. No.: IITJ/R&D(Advt.)/2022-23/39

02 September 2022

### 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 10 Months, and extendable but co-terminus with the duration of the project, on contractual basis with consolidated pay. The requisite qualification, experience and others details are given below:

1.	Project No.	S/SERB/RG/20200064
2.	Project Title	Development of Functionalized Metal Oxides and Layered Materials for Environmental Sensors
3.	Name of the Project Investigator	Dr. Ritu Gupta
4.	Duration for initial appointment	10 Months
5.	Name of the Post	Research Associate-I
6.	Post	01
7.	Consolidate Pay(Rs.)	Rs. 47,000/-+HRA (As per institute norms)
8.	Minimum Qualification and Experience	<p><u>Essential Qualification:</u> Ph.D. in Chemistry/Physics/Materials engineering/ Electrical Engineering/ Nano science or other allied areas from a recognized University/Institution. Those candidates who have submitted their thesis can also apply; however, the fellowship will be revised in such areas.</p> <p><u>Desired Qualification:</u> The candidate with prior expertise or experience in fabrication and characterization of gas sensors, materials synthesis and characterization and data handling and analysis.</p>
9.	Maximum Age	Below 36
10.	Brief description of Project	This project will involve the synthesis of functionalized layered nanomaterials, designing and fabrication of chemi-resistive sensors, characterization and testing of single and multi-array sensors using custom-designed gas sensing setup and validation of devices for environmental monitoring.
11.	Job Description	The candidate will work on developing new nanostructured materials, surface functionalization for fabrication of devices, characterization and data analysis

	for sensor development. Writing manuscripts and project reports, keeping track of consumables required for the work and carrying out other lab-related work as directed by PI.
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The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **16 September 2022**. The candidates are advised to send a soft copy of the application with all relevant documents to [recruitment\\_rnd@iitj.ac.in](mailto:recruitment_rnd@iitj.ac.in) (Please mention the advertisement number in the subject line of the email). No need to send a hard copy.

### General Instructions to Applicant(s)

1.	The post(s) is purely temporary and contractual for a period of 10 Months, 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: 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