



**INDIAN INSTITUTE OF TECHNOLOGY PATNA**  
**BIHTA PATNA-801106**  
**RESEARCH & DEVELOPMENT UNIT**

**ADVERTISEMENT NO: R&D/997/CLA/344**

**DATED: 19.02.2024**

Project No.: **R&D/SP/PHY/CLA/2023-24/997**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment :.....**Junior Research Fellow (JRF)**.....
- (b) Number of Post : .....**1 (One)**.....
- (c) Duration of the Post : .....**24 Months**.....

The JRF will be appointed initially for 12 Months, and the tenure may be extended based on performance for the subsequent period.

2. Name of the temporary research project : ***Colloidal lithography assisted nanostructures fabrication of Metal-oxides to develop gas sensors for CO, NO<sub>2</sub>, NH<sub>3</sub>, H<sub>2</sub>S & CO air pollutants.***

3. Name of the sponsoring Agency: Science and Engineering Research Board (SERB)

4. Consolidated Fellowship/Salary: 31000/-per Month +HRA as applicable

5. Qualifications & Experience : Masters' degree in Physics/ Materials Science/ Electronics/ Nanoscience and Technology (with first division as defined by the awarding Institute/ University) AND valid GATE qualification.

The upper age limit for applying for the JRF position shall be 32 years. The reservation of seats in admissions for SC, ST, OBC, EWS categories and for persons with disability (PwD) will be as per Government of India rules.

**6. How to Apply:**

- (i) Interested candidates with above mentioned qualification can email to: [shekhar@iitp.ac.in](mailto:shekhar@iitp.ac.in) with a resume, giving information about the educational qualifications, research experience and published research papers if any, by **3<sup>rd</sup> March 2024**. The subject of the email should read as "**JRF Position**".
- (ii) The email MUST include the scanned/pdf copy of duly filled application form (see below) with applicant's signature as "COVER Page" along with above mentioned documents.
- (iii) The email MUST include copy of all supporting documents (degree certificates, marksheets, GATE/NET scorecard, and category certificate, if applicable).
- (iv) IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above.



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*The date and time of the interview will be communicated to shortlisted candidates by email.* The recommendation of the selection committee will be final. The selected candidate will have the opportunity to enrol in Institute Ph.D. program, subject to fulfilling the Ph.D. admission criteria of IIT Patna. No TA/DA is admissible for appearing in the interview.

For any query contact Investigator(s) : **Dr. Chandra Shekhar Prajapati, Dept. of Physics, IIT Patna, Email: [shekhar@iitp.ac.in](mailto:shekhar@iitp.ac.in)** Tel.: 0612-233141.

**Deputy Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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**FORMAT OF APPLICATION FOR JRF**

<b>Name &amp; Address</b> <b>Including email id and Phone no.</b> <b>(for Correspondence)</b>	<b>Category</b>  (GEN/OBC/SC/S T/PD)	<b>DOB</b>  dd/ mm/yy	<b>Professional Exam.</b> <b>(GATE/CSIR-NET, etc) &amp; Validity</b>
<b>NAME IN CAPITAL</b> Address:        Phone: Email:			

**Educational Qualification**

<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of Marks/CPI</b>
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:

Place: