

Centre for Nanoscience and Nanotechnology
Panjab University

Science Block-II, Sector-25, Chandigarh-160014

ADVT. NO. JRF- 06/01/2025

ADVERTISEMENT FOR JRF UNDER ANRF SPONSORED PROJECT

Applications are invited for the appointment of JRFs under ANRF sponsored project entitled "***Dynamic Research Ecosystem for Advanced Materials (DREAMS)***" under PAIR scheme on a purely temporary (co-terminus with the project) basis for the candidates fulfilling the following eligibility criteria:

Post Details and Essential Qualifications

Post Name*	Essential Qualification	Desirable	Job Requirements
JRF (06 posts)	1. M. Tech. in Chemical/Material Science/Nanoscience & Nanotechnology/Applied Sciences. OR M. Sc. degree in Chemistry with at least 55 % marks. OR M. Sc. degree in Physics with at least 55 % marks. OR M. Sc. degree in Materials Science/ Nanoscience & Nanotechnology with at least 55 % marks. 2. Having qualified for: a) NET-CSIR/UGC including lectureship (Asst. Prof.) & Ph. D. OR b) Valid GATE score. OR c) Selection process through National level examinations conducted by Central Govt. Depts. and their agencies and Institutions or any other national fellowship.	Candidates with demonstrable knowledge and experience in advanced materials and characterization. OR Candidates with an experience in dealing the optics or optical instrumentation (lab set-up of Optics experiment), proficiency in MATLAB, LabVIEW, Python, etc. and theoretical studies.	Design & synthesis, theoretical studies, fabrication and characterization of advanced materials and their hybrids, sensor design & fabrication, design & implementation of experiments for nano-photonics, materials for fabrication of energy devices such as solar cells & super-capacitors, characterization and data analysis.

* Preference will be given to candidates who are planning to pursue their Ph. D. with the fellowships.

Salary & Benefits: Rs. 37,000/- + HRA (as per applicable rules) subjected to fulfillment of T&C of funding agency and/or rules and regulations of Panjab University.

Age: Upper age limit 28 years as on the last date of receipt of application. Relaxation of upper age limit will be applicable for reserved candidates (SC/ST, PWD etc.) as per PU/government guidelines.

Note: The short listed candidates duly recommended by Screening/Selection Committee will be called for an interview through email. The date and time of the interview will be intimated to the candidates through e-mail/telephonically. Outstation candidates may be allowed to appear in the interview through video conferencing on prior request. No Transport Allowance (TA) will be paid for attending the interview.

How to apply:

Interested candidates may email their applications in a single pdf file with detailed biodata (including contact number and email address) and copies of mark sheets and relevant certificates to cnsnt@pu.ac.in by **21 November 2025** (advanced copy only). Hard copies of the application must be submitted to the office by post/hand. Application form can be found at department website: <https://nsnt.puchd.ac.in/show-noticeboard.php?2025&nbid=47&id=84775>

Note: The shortlisted candidates will be intimated by email only along with the interview date.

Sd/

Dr. Jadab Sharma
Principal Investigator of PAIR project (PU) &
Chairperson
Centre for Nanoscience and Nanotechnology
Panjab University, Chandigarh

GENERAL CONDITIONS

1. These positions are open only to Indian Nationals/Overseas citizens of India.
2. The posts are purely temporary (co-terminus with the project) and appointment will be in the Centre for Nanoscience and Nanotechnology, Panjab University, Chandigarh. The successful candidate will join a large team in close collaboration with Indian Institute of Technology, IIT-Ropar.
3. The continuation in the post will be subjected to satisfactory performance every year.
4. The engagement is initially for a temporary duration of two years (upgradation to SRF from third year based on performance).
5. Age limit will be reckoned as on last date of receipt of application. Age relaxation is as applicable as per PU/government guidelines.
6. The period of experience in a discipline/area of work, where prescribed, shall be counted with effect from the date of acquiring the prescribed minimum educational qualifications for the post.
7. As the Screening/Shortlisting of applications will be done on the basis of information furnished through the e-mail or offline application form by the applicants, it is necessary that only accurate, full and correct information is furnished by the applicants. Furnishing of wrong/false information will be a disqualification and Centre for Nanoscience and Nanotechnology, Panjab University will NOT be responsible for any of the consequences of furnishing such wrong/false information.
8. The decision of Screening/Selection Committee in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of Skill Test, if any will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or agency on behalf of the candidate. Candidates are binding on Panjab University rules and regulations/guidelines for any points not traversed in general conditions.
9. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.
10. After the appointment, the candidate is advised to work for the project for minimum one-year duration.
11. No additional grants/salary will be paid apart from the fellowship amount.
12. In case the candidate wishes to leave the job, prior information of minimum of 02 months is needed.
13. On account of official visit to other places/Laboratories/Institutes, a candidate will be entitled for reimbursement under the project as per rules of Panjab University.
14. Eligible candidates may download the application form from Centre for Nanoscience and Nanotechnology website: <https://nsnt.puchd.ac.in> (under careers/placement/training). The application form is also given at the end of the full advertisement). Application form duly filled in together along with recent passport size photograph, copies of matriculation, 12th, Degree and above, Experience and certificate with reference to nature of work carried out etc., should be sent in a sealed cover superscribing:

“Application for the post of JUNIOR RESEARCH FELLOW”

Advt. No. JRF-06/01/2025

ON OR BEFORE 21.11.2025

Addressed to:

Principal Investigator
Centre for Nanoscience and Nanotechnology
Panjab University
Science Block-II, Sector-25, Chandigarh-160014



Centre for Nanoscience and Nanotechnology
Panjab University
Science Block-II, Sector-25, Chandigarh-160014

APPLICATION FORM

IMPORTANT: This application form duly completed in the candidate's own handwriting or neatly typed must reach Centre for Nanoscience and Nanotechnology, Panjab University, Science Block-II, Sector-25, Chandigarh-160014 on or before the due date. An advanced copy of the application in the form of scanned document along with all relevant supporting documents in a single pdf format may be sent by e-mail at cnsnt@pu.ac.in.

Photo

1. Advertisement No.: **JRF- 06/01/2025**
2. Post : Junior Research Fellow
- 3: Department : **Centre for Nanoscience and Nanotechnology**

4. Name of the candidate (in Block Letters)	
5. Sex (Male / Female)	
6. Father's Name	
7. Nationality (mention by birth / domicile)	
8. Present Postal Address (for communication purpose)	Pin Code Mobile No. _____ E-mail: _____ Alt. Mobile No. _____
9. Permanent Address	Pin Code Mobile No. _____

10. Date of Birth (As per Matriculation / SSLC certificate)		DAY	MONTH	YEAR		
11. Age (As on the closing date of application)		YEARS	MONTH	DAYS		
12. Educational/Professional Qualification etc, commencing from SSC/10 th Std onwards (Enclose documentary proof)						
Examination Passed	Year of passing	Marks obtained / percentage of marks			Class / Grade obtained	Board / University / Institution
		Max Marks	Marks obtained	Aggregate %age		
13.Experience:						
Period		Name of Organisation* & Place	Designation /Post Held	Gross Pay Drawn Rs.	Permanent/Temp. Post	
From	To					

Note : * Please indicate whether the Organisation belongs to Govt./ PSU or Pvt. Also, enclose copies of certificates/testimonials etc. in support of proof of experience.

14. Any other details:

15. Particulars of close relatives : Name :
working in PU, if any
Designation :
Division :
Relationship :
16. Are you under any bond/contractual obligation to serve Central / State Government / PSU / Autonomous or any other body / organization, YES ☐ NO ☐
17. Whether dismissed from service from any other Institution / Office or debarred by the Public Service Commission, YES ☐ NO ☐ , if yes, give details _____

18. ENCLOSURES: (Please tick the appropriate box and arrange the enclosures as per the serial number)
- | | | | |
|---|--------------------------|----------------------------------|--------------------------|
| 1 SSLC/10 th Std Certificate (Proof of DOB) | ☐ | 5 Community or Caste Certificate | ☐ |
| 2 12 th Std Certificate | ☐ | 6 Experience Certificate | ☐ |
| 3 Degree | ☐ | 7 Others | ☐ |
| 4 Post-Graduation Degree certificate and Marks sheets All semesters/Years | ☐ | | |

DECLARATION

I hereby declare that the information given above is correct, true to facts and nothing has been concealed / distorted. I am aware that, if at any time I am found to have concealed / distorted any information, my candidature/appointment is liable to be summarily terminated without notice.

Place: _____

Date : _____

Signature of the candidate