



DEPARTMENT OF CHEMISTRY,  
UNIVERSITY OF RAJASTHAN,  
JAIPUR-302004

No. Chem/2025/ 7424

Dated: 17/04/25

Advertisement  
for the  
Positions of Junior Research Fellow (JRF)  
(Research Projects sponsored by DST, Govt. of Rajasthan)

**Last date and time for submission of application forms: 27<sup>th</sup> April 2025, 04:00 pm**

Applications are invited for the positions of Junior Research Fellow (JRF which may be promoted to SRF in 3rd year) to work in DST, Govt. of Rajasthan sponsored research project at Department of Chemistry, University of Rajasthan, Jaipur. The positions are purely temporary and co-terminus with the respective project. The positions are initially available for one year which may be extendable based on the candidate's performance on a yearly basis.

**[A] Details of the Temporary Positions and Projects:**

Position	Project Title, Monthly Fellowship, PI and Essential qualifications
<b>Junior Research Fellow (JRF)</b> (No of Positions: 01)	<p><u>Project Title:</u> Development of novel diketopyrrolopyrrole (DPP) based polymer materials for the broad range Near IR absorption for their applications in Greenhouse Roofings.</p> <p><u>Project Investigator:</u> Dr. Vijay Beniwal</p> <p><u>Fellowship amount (per month):</u> No HRA will be paid separately Rs. 25,000/- for JRF, (in 1st and 2nd Year) Rs. 28,000/- for SRF (in 3rd Year)</p> <p><u>Essential qualifications and experiences:</u> The applicant should possess a Master's degree in the relevant field of Chemical Science with a minimum of 50% marks or equivalent CGPA. The candidates with relevant hand-on laboratory experience and a strong background in areas such as spectroscopy, polymer-synthesis and nano-synthesis are encouraged to apply.</p>
<b>Junior Research Fellow (JRF)</b> (No of Positions: 01)	<p><u>Project Title:</u> Development of sustainable and efficient semiconducting Nanomaterials for water Decontamination.</p> <p><u>Project Investigator:</u> Dr. Ajay Kumar Surela</p> <p><u>Fellowship amount (per month):</u> No HRA will be paid separately Rs. 25,000/- for JRF (in 1st and 2nd Year)</p>

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17/04/2025  
Head  
Department of Chemistry  
University of Rajasthan  
JAIPUR

	<p>Rs. 28,000/- for SRF (in 3rd Year)</p> <p><u>Essential qualifications and experiences:</u> The applicant should possess a Master's degree in the relevant field of Chemical Science with a minimum of 50% marks or equivalent CGPA. The candidates with relevant hand-on laboratory experience and a strong background in areas such as nano-catalysis and water remediation are encouraged to apply.</p>
<p><b>Junior Research Fellow (JRF)</b></p> <p>(No of Positions: 01)</p>	<p><u>Project Title:</u> Design and synthesis of tailored silica/polymer nanocomposites for detection and extraction of heavy metal ions from water: Morphological Control, functional capping, and composite nanostructure engineering.</p> <p><u>Project Investigator:</u> Dr. Pradeep Kumar Muwal</p> <p><u>Fellowship amount (per month):</u> No HRA will be paid seperately</p> <p>Rs. 25,000/- for JRF (in 1st and 2nd Year)</p> <p>Rs. 28,000/- for SRF (in 3rd Year)</p> <p><u>Essential qualifications and experiences:</u> The applicant should possess a Master's degree in the relevant field of Chemical Science with a minimum of 50% marks or equivalent CGPA. The candidates with relevant hand-on laboratory experience and a strong background in areas such as nano-synthesis and water decontamination are encouraged to apply.</p>

**[B] Duration of the Appointment**

<b>Duration</b>	<p>Initial appointment will be made for one year which may be extendable based on the candidate's performance on a yearly basis.</p> <p>The maximum period of the fellowship will be three years or until the completion of the project, whichever comes first.</p>
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**[C] Application Procedure:**

Interested and eligible candidates may submit the thoroughly filled application form (exactly in the format given on last two pages of this document / advertisement) including compressive information and attachments (self-attested copies of certificates /documents/degrees/awards) (all in hardcopies) to the Office, Department of Chemistry, University of Rajasthan, Jaipur, Raj. latest by 4:00 PM, 27th April 2025. Candidates applying to multiple projects must submit a separate, fully completed application form for each project.

**[D] Last Date and Time:** 27<sup>th</sup> April 2025, 04:00 pm.


**[E] Important points:**

- The shortlisted candidates will be informed by e-mail about the interview date.
- No TA/DA will be paid for attending the interview.
- All the terms and conditions for this recruitment will be as per the guidelines of the DST, Govt. of Rajasthan.

  
 17/04/2025  
 Head  
 Department of Chemistry  
 University of Rajasthan  
 JAIPUR

## [F] INSTRUCTIONS

- [1] The short-listed candidates will be called upon for appearing in interview on a date which will be informed/conveyed via email by the Principal Investigators (PIs). The mode of the interview will be offline in Department of Chemistry, University of Rajasthan, Jaipur.
- [2] Neither HRA nor any accommodation will be provided by the University during the projects.
- [3] Keep on visiting University of Rajasthan website for any update.
- [4] Department of Chemistry, University of Rajasthan Jaipur, reserves the right to reject any or all the application/s without assigning any reasons thereof.
- [5] Selection will solely be based on candidate's interview performance.
- [6] Appointment will be made on temporary basis initially for a period of one year and can be renewed for next year based on satisfactory performance in project. Selected candidates will be placed at Department of Chemistry, University of Rajasthan, Jaipur.
- [7] The contract will also include a one-month notice period wherein if the candidate selected wants to discontinue the project, he/she will have to inform the PI one month in advance and in case PI is not satisfied with the performance of candidate, the candidate (Junior Research Fellow) will be informed one month prior to termination of contract.
- [8] The remuneration will be in accordance with the guideline and may be revised as and when directed by DST, Govt. of Rajasthan.
- [9] Candidates appearing for interview should come with 02 hard copies of detailed biodata, self-attested Xerox copies of certificates of marksheets and degree certificates, testimonials, along with their original documents, experience (if any), research publications (if any), academic achievements (if any).
- [10] Selected candidate will be supposed to join immediately or within few days after receiving the offer letter.
- [11] Candidates are required to submit their application forms either **in person or by post**. All postal applications must reach the office of the **Department of Chemistry, University of Rajasthan by 4:00 PM on April 27, 2025**. Applications received after this deadline **will not be considered for the interview under any circumstances**.
- [12] Applications should be submitted in a sealed envelope addressed to: **The Head, Department of Chemistry, University of Rajasthan, Bapu Nagar, Jaipur – 302004**
- [13] The envelope must be clearly labeled with the following: "**Application Form for the Post of JRF**" along with the **title of the project** the candidate is applying for.

  
(Head) 17/04/2025

Department of Chemistry

Head  
Department of Chemistry  
University of Rajasthan  
Jaipur

## Application form for the post of Junior Research Fellow (JRF)

at Department of Chemistry, University of Rajasthan, Jaipur  
(in Research Projects sponsored by DST, Govt. of Rajasthan)

- [1] **Name of the Applicant** :  
[2] **Father's Name** :  
[3] **Mother's Name** :  
[4] **Gender** :  
[5] **Date of Birth** :  
[6] **Full Corresponding Address** :

- [7] **Email** :  
[8] **Contact number** :  
[11] **Qualification (10<sup>th</sup> Standard Onwards)** :

S. No.	Class / Degree	School/College/ University	Year	Subjects	Percentage or CGPA
[1]	10 <sup>th</sup>				
[2]	12 <sup>th</sup>				
[3]	B. Sc.				
[4]	M. Sc.				

- [1] **Details of Qualified NET or GATE or JAM or Any Other National Level Test (if any):**

S. No.	Name of Exam (e.g. NET)	Rank	Percentile/Percentage	Year & Month

- [2] **Professional Recognition/ Award/ Prize/ Certificate or Fellowship received by the applicant.**

S. No.	Name of Award	Awarding agency	Year

- [3] **Research Experience or Work Experience (if any):**

S. No.	Position Held	Name of Institute	From (Date)	To (Date)

**[4] Publications (List of papers published in SCI Journals, in year wise descending order).**

<b>S. No.</b>	<b>Author(s)</b>	<b>Title of the Paper</b>	<b>Name of Journal</b>	<b>Volume</b>	<b>Page</b>	<b>Year</b>

**[5] Any other information:**