



PANJAB UNIVERSITY, CHANDIGARH

(Estt. Under the Panjab University Act VII of 1947 – enacted by the Govt. of India)

Department of Geology
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Ref. No.:GEO/DD/MoC/CP53/DR/19

Date: 19.03.2026

Advertisement for the post of Junior Research Fellow **(Chemical Sciences)**

Applications are invited from Indian nationals with highly motivated and bright candidates for the position of Junior Research Fellow (JRF) (Nos. 1) in the following research project funded by Ministry of Coal (MoC), Government of India, under the supervision of Dr. Debabrata Das, Department of Geology, Panjab University, Chandigarh. Eligible and interested candidates should send their detailed resume (CV) in the given format through e-mail to **Dr. Debabrata Das (debabratadas@pu.ac.in)** mentioning subject as “Application for **JRF under MoC Project**” on or before **01/04/2026 (Wednesday); 17.00 hrs.** The appointment will be made urgently after fair competitive selection process as per Panjab University, Chandigarh recruitment norms.

Project Details:

Title- Development of Indigenous technology for extraction of critical minerals including rare earth elements from overlying strata of Northeastern coalfields, Assam, India.

Project Implementing Agency- Panjab University, India and *Indian Institute of Technology Guwahati*.

Project In charge- Dr. Debabrata Das (Principal Investigator), Dept. of Geology, Panjab University, Chandigarh, 160014.

Funding agency – MoC, New Delhi, Government of India.

Position Details-

Name of Position- Junior Research Fellow (JRF). Preference shall be given to candidates belonging to the Scheduled Caste (SC) and Scheduled Tribe (ST) categories, in accordance with applicable rules and regulations. In case suitable candidates from the SC/ST categories are not found, the position shall be filled by candidates from other eligible categories.

No. of positions- One

Education Eligibility of Position: Masters in Chemistry/ Applied Chemistry/ Chemical Engineering/ with 55% marks for general and OBC category and 50% marks for SC/ST category (as per Panjab University / UGC rules). Candidate must qualified GATE/National Eligibility Test/ State or University Level Eligibility Test/ any level JRF qualified Test.

Salary- Rs. 37000 pm + 16% HRA (fixed)

Duration- Schedule completion of the project is 14th July'2026. The position can be terminated with one month notice if the performance is found unsatisfactory at any point of the contract.

Nature of Responsibility:

To carry out acid leaching of different types of Geological materials, separation of different critical materials using ion exchange resin columns, laboratory experiments as per project need, data compilation and report writing.

Age Limit and Relaxation: The upper age limit shall be 30 years. Age relaxation will be provided to candidates belonging to SC/ST/OBC/PwD/Women categories in accordance with UGC norms/Panjab University rules. Age relaxation shall be as per the applicable Panjab University/UGC guidelines as up to 5 years for SC/ST/Women candidates and up to 3 years for OBC (Non-Creamy Layer) candidates, as per rules.

Work experience:

Prior laboratory experience on acid digestion of different kind of environmental samples and working knowledge on ion exchange resin will be highly preferred.

Application Documents and Procedure:

1. A cover letter stating how you are suitable for this position and brief field and instrumental skills relating to project needs
2. Resume showing all the academic and professional experience, present and permanent postal address, email and phone numbers as per attached format.
3. All degree certificates and mark sheets
4. All the documents should be sent in a single PDF file through email at debabratadas@pu.ac.in before the due date. Hard copies in original will be verified at the time of personal/online interaction/joining.
5. The interview will be conducted in online mode. No TA/DA will be paid for attending interview.

-Sd-

(Dr. Debabrata Das)

(Principal Investigator)

MoC, Project, Govt. of India

Email : debabratadas@pu.ac.in