



**Advertisement for the post of Project Assistant in a SERB-funded Research Project**

Applications are invited from Indian nationals for the position of 'Junior Research Fellow (JRF)' in a SERB funded research project with following details:

**Title of the Project:** Deciphering mechano-chemical cues of epithelial-mesenchymal transition in cancer by developing DNA origami-based artificial extracellular matrix

Principal Investigator Dr. Suchetan Pal, Assistant Professor, Room 102, Brahmagupta Building, Department of Chemistry/Bioscience and Biomedical Engineering, IIT Bhilai, Kutelabhata, Durg, Chhattisgarh- 491002; email: [suchetanp@iitbhilai.ac.in](mailto:suchetanp@iitbhilai.ac.in); web: <https://suchetanpal.wixsite.com/bionanolab>).

**Name of the position:** Junior Research Fellow (JRF)

**Number of Positions:** 1

**Essential qualifications:** MSc (Chemistry/Biochemistry/Nanotechnology/Biotechnology) OR MTech/MS (Biotechnology/Nanotechnology/Biomedical Engineering) from a recognized institute/university or statutory body OR equivalent degree with a minimum of 60% aggregate score (6.5 grade points on a scale of 10); For SC/ST category, the candidate must have secured a minimum of 55% aggregate score (6.0 grade points on a scale of 10).

**Essential:** NET/GATE/BET qualification and having work experience relevant to the project.

Desirable: Candidates with expertise in the followings are strongly encouraged to apply:

- 1) Biomaterials synthesis and characterizations.
- 2) Expertise in analytical techniques such as NMR, IR, UV-Visible, fluorescence spectroscopy.
- 3) Fluorescence microscope, AFM, TEM, SEM.
- 4) Advanced molecular biology and biochemistry.
- 5) Good communication skill and problem solving capability.

**Age limit:** 28 years

**Salary:** Rs. 31,000 +16% HRA.

**Duration:** 1 year or up to the termination of the project, subject to performance review.

**How to apply:** Interested candidates must apply on the application form attached with this advertisement. Duly completed application form along with candidate's resume must be mailed or emailed to the PI so as to reach him by 28/04/2024. Only shortlisted candidates will be called for online/offline interview. The positions are available immediately.



**Due date:** Interested candidates must apply on the application form attached with this advertisement. **Duly completed application form along with candidate's detailed CV must be emailed to the PI, Dr. Suchetan Pal at [suchetanp@iitbhilai.ac.in](mailto:suchetanp@iitbhilai.ac.in) by Monday, 25<sup>th</sup> May 2024. Subject of the email should read Application for Project Assistant – Applicant's Name.** Only shortlisted candidates will be called for an interview. The position is available immediately.

**Terms & Conditions:**

- i. No TA/DA will be provided to the candidate for the interview
- ii. The PI shall not be responsible for postal/courier delay if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.
- iii. The decision of the selection committee will be final.
- iv. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.
- v. The appointment of the candidate will be governed by the terms and conditions of the Institute/funding agency particularly applicable to the said project as and when required.
- vi. The selected candidate will have to join duty immediately on receipt of the offer.
- vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.