



**Department of Applied Sciences**  
**Indian Institute of Information Technology Allahabad**  
(An Institute of National Importance by Act of Parliament)  
Deoghat, Jhalwa, Prayagraj (UP) - 211015, India

**Advt. No. IIITA/AS/PRJ-UPCST-5297**

**Dated – 10.10.2025**

**Advertisement for the Post of Junior Research Assistant (JRA) (on contract) under the CSTUP Project**

Applications are invited for the appointment of **Junior Research Assistant (JRA) (on contract)** in a research project entitled “**Innovative Metal Nanoparticle-Immobilized Microfluidic Reactor Device for Drug Development and Biosensing Applications**” sanctioned by the Council of Science & Technology, Government of Uttar Pradesh vide **sanction letter no. CST/D/Biotech-1282** dated **25.08.2025 (Project ID: 5297)**.

The duly completed application in the prescribed format (Annexure-1) along with copies of the supporting documents must reach **Dr. Amit Prabhakar, Associate Professor, Room No. 5005, CC-3, Department of Applied Sciences, IIT Allahabad, Prayagraj-211015, Uttar Pradesh**, on or before **October 25, 2025**. The envelope should be superscribed as “**Application for the post of Research Staff (JRA/SRA/RA) in the CSTUP project**”. A soft copy of the application, along with supporting documents as a single PDF, should also be sent to [amit@iiita.ac.in](mailto:amit@iiita.ac.in) with the same subject.

**Title of the Project:** “Innovative Metal Nanoparticle-Immobilized Microfluidic Reactor Device for Drug Development and Biosensing Applications.”

**Name of the Position:** Junior Research Assistant (JRA) (on contract)

**Number of Positions:** One (01)

**Project Duration:** Three (03) years or date of completion of the project, whichever is earlier

**Age Limit:** 28 years as of 01.04.2025

**Essential Qualifications:** First-class B.Tech. / B. Pharma. /B. Sc. / M.Sc./ M.Tech. / M.Pharm. / M.V.Sc./ or equivalent in relevant discipline with high academic attainment, with first class in graduate examination and post-graduate examination (if applicable). Candidates with higher qualifications may also apply. Preference will be given to candidates with NET, GATE, or JRF qualifications; upper age limit 28 years.

**Residential Requirement:** The applicant must be a resident of Uttar Pradesh.

**Desirable Skills:** Strong background in Bio-MEMS/ Electrical Engineering/ Electronic &

Communication Engineering/ Mechanical Engineering/ Bio-engineering/ nanotechnology/ materials-science/ biotechnology/ chemistry/ or related disciplines.

Hands-on experience in Electrical Circuits/ Electronic Devices/ nanoparticle synthesis/ microfluidics/ drug delivery/ or biosensing is highly desirable. Good communication and scientific writing skills.

**Fellowship:** Rs. 25,000 per month (fixed). No HRA will be admissible.

**Note:**

- 1) The applicant should be an Indian Citizen and a resident of Uttar Pradesh.
- 2) The selected candidate should visit different research centers/ places in India for data collection/other purposes, as and when required.
- 3) The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
- 4) The Institute reserves the right to accept/reject the application at any time, and/or consider candidates of exceptional credentials without applications. Qualifications and experience may be relaxed at any point in time for exceptional candidates.
- 5) Mere possession of the prescribed qualification does not ensure that the candidate will be called for an Interview. The candidates will be shortlisted on the basis of merit and the need for the project.
- 6) Shortlisted candidates will be informed by email about the interview date. So, the candidates must provide a valid e-mail ID in their applications.
- 7) Shortlisted candidates have to present themselves for the interview on the interview date with an updated CV, and original and attested photocopies of mark sheets/certificates in support of their academic qualifications.
- 8) Applicants in employment (private, government, or any other organization) are required to submit a “No Objection Certificate” from the employer at the time of the interview.
- 9) No TA/DA will be paid for appearing in the interview.
- 10) The first and foremost responsibility of the candidate is to fulfill the job’s requirements to complete the above-mentioned project in a timely manner.
- 11) The association between the PI and the candidate can be discontinued at any time by giving one month’s notice in writing, either by the PI of the project to the candidate or by the candidate to the PI of the project.
- 12) This appointment will be purely contractual. Initially, the appointment will be for the first year. It will be renewed for another year or till the end of the project, whichever is earlier, based on the performance of the candidate and the recommendation of the selection/review committee.
- 13) Hostel accommodation may be provided as per Institute norms.

Dr. Amit Prabhakar

Principal Investigator (PI)

Associate Professor, Department of Applied Sciences

Indian Institute of Information Technology Allahabad



**Department of Applied Sciences**  
**Indian Institute of Information Technology Allahabad**  
(An Institute of National Importance by Act of Parliament)  
Deoghat, Jhalwa, Prayagraj (UP) - 211015, India

**Advt. No. IIITA/AS/PRJ-UPCST-5297**

**Dated – 10.10.2025**

**For office use only**

Application No.: \_\_\_\_\_

**APPLICATION FORM**

**Research Project Entitled:** Innovative Metal Nanoparticle-Immobilized Microfluidic Reactor Device for Drug Development and Biosensing Applications.”

**File No.:** CST/D/Biotech-1282 dated 25.08.2025 (Project ID: 5297).  
**Funding Agency:** Council of Science and Technology, Government of Uttar Pradesh  
**Name of PI:** Dr. Amit Prabhakar  
**Name of Co-PI:** Dr. Sangeeta Singh & Dr Deepti Verma  
**Name of the Position:** Junior Research Assistant (on contract)  
**Department:** Applied Sciences

1. Name of the Candidate (In Capital):

2. Gender (Male/Female):

3. Marital Status (Married/Unmarried):

4. Date of Birth (*Attach proof*):

5. Age (as of the last date of application): \_\_\_\_\_ Years \_\_\_\_\_ Months \_\_\_\_\_ Days

6. Father's/Husband's Name:

7. Present/Contact Address:

8. Permanent Address:

9. Mobile No:

10. E-mail ID:

11. Nationality:

12. Category Gen/EWS/SC/ST/OBC/PH (*Attach proof if applicable*):

Passport  
Size Photo

13. GATE/NET (*Attach proof*):

Branch	Year	Valid up to	Percentile (& Score)	All India Rank

14. Educational Qualification (*Attach proof*):

Qualification	Subject/Discipline	Board/Institute/Univ.	Year of passing	% of marks	Division
10th					
12th					
B.Sc./B/Tech./ B.Pharma.					
M.Sc./ M.Tech./ Other					
any other degree					

15. Residential Certificate: Enclose the Uttar Pradesh Domicile Certificate

16. Statement of Purpose: Enclose a separate sheet mentioning your own views on the Project Title

17. Summary of M.E./M.Tech. Thesis (if applicable): Enclose a separate sheet

18. Research Publications (if applicable): Enclose a separate sheet

19. Details of Experience in chronological order (if applicable): Enclose a separate sheet

20. Any other information: Enclose a separate sheet

### **DECLARATION**

I hereby declare that all the statements made in this application are true and complete, and nothing has been concealed/distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:

Signature of the Applicant

Date:

### **Checklist: Self-attested copy of**

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examinations passed
3. Uttar Pradesh Domicile Certificate
4. Statement of Purpose
5. Category Certificate, if applicable
6. GATE/NET score card, if any
7. Experience certificate, if any
8. Summary of M.E./M.Tech. Thesis, if any