

## **Advertisement for the Junior Research Assistant (On Contract)**

**Title of the Project:** *“Development of composite nanocarrier of Copper nanoclusters (Cu NCs) and Carbon dots (C-dots) against biofilm infections of P. aeruginosa and understanding the underlying molecular mechanism through RNA-seq approaches”.*

**Name of Position:** Junior Research Assistant (JRA)

**Number of Position:** 01 (one)

**Duration of the project:** Till 27/12/2025. It can be extended 3 more months

**Age Limit:** Maximum 28 Years as on 16/10/2025.

**Essential Qualifications:** M.Sc./ME/M.Tech or equivalent degree in Nanobiotechnology/Bioinformatics/Biomedical/Biotechnology/Biochemistry/Microbiology/Life Science/Agriculture/ Pharmacy related subjects with 1st class in graduation and post graduation. B. Tech/B.E. degree holders from the above areas with minimum 8.5 CGPA can also apply.

**Nature of the work:** Selected candidate has to perform laboratory experiments in the areas of Nanobiotechnology, Biochemistry and Bioinformatics. Good writing skill of research papers in journal/conference is also desirable. Candidate with knowledge in molecular docking and simulation will be given preference.

**Fellowship:** Fixed Rs. 25,000/- pm (as per UP CST norms)

**Date and Time of Interview (Offline/Online):** 16/10/2025 at 11:00 AM (Thursday)

**Venue:** Board Room, CC-II, IIIT Allahabad

**Last date of Application:** 12/10/2025 (Sunday)

**How to Apply:** Send a soft copy of CV and other relevant documents in a single pdf file to following email IDs: samantasintu@iiita.ac.in

### **Note(s)**

1. The applicant will be responsible for the authenticity of information, other original documents and photographs submitted during the time of interview.
2. Qualification and experience may be relaxed for exceptional candidates.
3. Applicants in employment (private, government or any other organization) are required to submit a “**No Objection Certificate**” from the employer at the time of interview.
4. No TA/DA will be paid for appearing in the interview.

5. The association between 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 candidate, or by candidate to the PI of the project.
6. **Last date of application** (send a soft copy of CV and other relevant documents in a single pdf file to undersigned) is **12/10/2025 (Sunday)**.
7. Shortlisted Candidates will be informed by e-mail.
8. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/certificates in support of their academic qualifications.
9. This appointment will be purely contractual. Initially appointment will be for one year. It will be renewed for another year based on the performance of the candidate and recommendation of the selection/review committee.
10. Hostel accommodation may be provided as per the Institute rules.

**Dr. Sintu Kumar Samanta**  
**Principal Investigator (PI)**  
Office: CC-III, Room No.5216  
Phone: 05322922426  
Email: samantasintu@iiita.ac.in



**Indian Institute of Information Technology Allahabad  
Research & Development  
Biodata form for Project Employment**

**1. Candidate's Profile:**

First Name	
Last Name	
Father's Name	
Mother's Name	
Date of Birth	
Gender: M / F	
Nationality	
PAN No.	
Marital Status	
Name of Spouse	
Whether any Court Cases Pending? (if yes mention details)	
Nearest Police Station from the residence	

**2. Contacts:**

	<b>Permanent</b>	<b>Correspondence</b>
House No.		
Street Name		
Village / Town / City		
State		
PIN		
Landline No.		
Mobile No.		
E-Mail		

**3. Post Applied for:**

Project No.	Project ID 3004
Advt. No. & Date:	08, 01/03/2024
Designation:	Junior Research Assistant (JRA)
Duration:	Initially for 1 year and extendable up to 2 years depending upon the performance.

**4. Academic Qualifications:**

S. N.	Degree	Board / University	Year of Passing	Grade Div.	%	Subjects Studied	Xerox Encl. No.

**5. Work Experience:**

S. N.	Company/Insitute	Designation	Job Responsibilities	Duration	Xerox Encl. No.

**6. Reference: (Two)**

S. N.	Name	Address	Contact Details

**7. Declaration:** I hereby, undertake that all the details furnished above are true to the best of my knowledge and I am liable for all disciplinary action, if found otherwise. My candidature may kindly be considered for the above temporary / contractual / short - term project position as per the rules of R&D Division, IIT Kanpur.

Place:

Signature:

Date:

Name: