



**राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर**  
**NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR**  
(An Institute of National Importance under the aegis of Ministry of Education, Govt. of India)  
हजरतबल, श्रीनगर, जम्मू-कश्मीर-190006, भारत  
Hazratbal, Srinagar, Jammu and Kashmir-190006, INDIA  
**रसायन विज्ञान विभाग**  
**DEPARTMENT OF CHEMISTRY**

**Advertisement for the position of Research Associate-I (RA-I)**  
**under the sponsored research project of the Ministry of Coal, Govt. of India**

Applications are invited from motivated and eligible candidates for the position of **Research Associate-I (RA-I)** to work on a research project titled “**Coal to Chemical Sensors: Conversion of low-grade coal to carbon dots-based smart sensing strips for on-site monitoring of heavy metals in water bodies around the coal fields**” funded by Ministry of Coal, Govt. of India (CMPDI/S&T/CU-64). The details are as per below:

<b>Name of the Position</b>	Research Associate-I (RA-I)
<b>No. of Posts</b>	01
<b>Job Description</b>	The selected candidate has to work on the development of carbon-dots based optical sensors for the analysis of heavy metals at NIT Srinagar (J&K). The role involves periodic field visits to BCCL Dhanbad (Jharkhand) for coal and water sample collection and may require temporary stays at NIT Jamshedpur for analytical work.
<b>Basic Eligibility</b>	Ph. D. degree holder in any branch of Science or Engineering
<b>Desirable Experience</b>	1. Candidate must possess extensive knowledge and experience in the preparation of nanomaterials based optical sensors. Preferably carbon-dots based fluorescence sensors. 2. The above should be reflected from original publications of the candidate.
<b>Shortlisting Criteria</b>	1. The candidates will be shortlisted based on desirable experience related to the project. 2. Fulfilling the basic eligibility does not guarantee shortlisting.
<b>Monthly Emolument</b>	₹ 69,600 (₹ 58,000 + 20% HRA)
<b>How to apply?</b>	Applications will be received through email only. A soft copy of 3 pdf files (i) filled application form (proforma is attached) (ii) bio-data/CV and (iii) scanned copy of all certificates (as a single pdf), should be sent through email at <a href="mailto:jignesh@nitsri.ac.in">jignesh@nitsri.ac.in</a>
<b>Last date to apply</b>	<b>25<sup>th</sup> June 2025</b>
<b>Whom to contact?</b>	Dr. Jigneshkumar V. Rohit (Principal Investigator, Ministry of Coal S&T Project), Assistant Professor, Department of Chemistry, NIT Srinagar. Email: <a href="mailto:jignesh@nitsri.ac.in">jignesh@nitsri.ac.in</a> Mob: +91-9909500225

**Note:**

1. Only shortlisted candidates will be intimated by email for an interview.
2. The position is purely temporary. The initial appointment will be for one year and based on performance which is extendable up to two years or end of the project.
3. The selected candidate will have to join duty immediately on receipt of the offer. The fellowship may be terminated with a 30-days notice if performance is not deemed satisfactory.
4. 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.
5. Candidate already employed must have to provide 'No Objection Certificate' (NOC) from the employer.
6. Candidates belonging to SC/ST category will be given priority if having desirable experience in relevant field.
7. No TA/DA will be paid for attending the interview.

## Application Form

1. Name of the Candidate:
2. Parentage:
3. Date of birth: (DD/MM/YYYY)
4. Sex: (Male/Female/Other)
5. Nationality:
6. Category: SC/ST/OBC/PWD/Open

Recent  
passport size  
photograph

**7. Educational qualification:**

Degree	Specialization/ Subjects	Board/ University	Year of passing	Class	Percentage /CGPA
SSC					
Intermediate/ HSC					
B.Sc.					
M.Sc.					

**8. Details of Ph.D.**

Title of Ph. D Thesis	
Branch, Department and Institute Details	
Details of Supervisor with email and phone no.	
Year of Passing	

**9. Post-Ph.D. Experience (Use additional sheet if required)**

Designation	
Supervisor (if any)	
Department and Institute	
Duration	

**10. Research Paper/Book/Book Chapter/Patent (Use additional sheet if required)**

- (a) Clearly mention title of paper, authors, journal, publication year, volume and page number)
- (b) Your role: First Author/Corresponding Author/Co-Author

**11. Contact Details**

- a) Address for Communication:
- b) Contact No (Mob):
- c) E-mail ID:

**11. Prizes, Honours, Awards, Distinctions or any other relevant information:**

**Declaration:**

I.....hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled.

Date:

Signature of the Candidate