



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

(An Institute of National Importance, Established under NITSER Act by Ministry of Education, Govt. of India)

रसायन विज्ञान विभाग
DEPARTMENT OF CHEMISTRY

Advertisement for the position of Research Associate-I (RA-I)

Applications are invited from motivated and eligible candidates for the position of **Research Associate-I (RA-I)** to work on a sponsored 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 the **Ministry of Coal, Govt. of India (CMPDI/S&T/CU-64)**. The details are as follows:

Name of the Position	Research Associate-I (RA-I)
No. of Posts	01
Job Description	The selected candidate has to work on the development of carbon-dots based optical sensors for the analysis of heavy metals at SVNIT Surat (Gujarat). The role involves periodic field visits to BCCL Dhanbad (Jharkhand) to collect coal and water samples and may require temporary stays at NIT Jamshedpur for analytical work.
Basic Eligibility	Ph. D. in Chemistry
Desirable Experience	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 the original publications of the candidate.
Shortlisting Criteria	1. The candidates will be shortlisted based on desirable experience related to the project. 2. Fulfilling the basic eligibility does not guarantee shortlisting.
Monthly Emolument	₹ 69,600 (₹ 58,000 + 20% HRA)
How to apply?	Applications will be accepted only by email at jignesh@chem.svnit.ac.in Must attach with Email (i) Filled application form (As per Proforma attached) (ii) A single PDF of all mark sheets and degree certificates
Last date to apply	15th May 2026
Whom to contact?	Dr. Jigneshkumar V. Rohit (Principal Investigator, Ministry of Coal S&T Project), Assistant Professor, Department of Chemistry, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat-395007, Gujarat, India. Email: jignesh@chem.svnit.ac.in

Note:

1. Only shortlisted candidates will be intimated through email for an interview.
2. The position is purely temporary. The initial appointment will be for one year or till the 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.