



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

[An Institute of National Importance under Ministry of Education, Govt. of India]

Sector 1, Rourkela, Sundergarh Dist., Odisha 769 008

SPONSORED RESEARCH INDUSTRIAL CONSULTANCY CONTINUING EDUCATION

NITR / SR / 2026 / Advt.- 26CY021 / L / 033

dt. 01-Jun-2026 Ref: FTS 260525-7331

SR-R03

Advertisement for Recruitment of Project Position

Candidates who fulfill the below mentioned criteria may submit the application form before the last date. Engagement will be purely on temporary / contractual basis and co-terminus with the completion of the project. Candidates are advised to go through the advertisement details carefully before applying.

1.	Title of the Project:	Cu(I)-Induced Strong Supramolecular Polymers: Next-Generation Degradable Plastics for Waste and Water Solutions.		
2.	Project Code, Dept. with Closing Date:	SR/26/CY/021	04-May-2029	Chemistry
3.	Funding Agency Details:	BRNS		
4.	PI details:	Prof. Bimalendu Adikari	adhikarib@nitrkl.ac.in, 0661-246 2982	
		9933898711	-	bimalendu.iicb@gmail.com
5.	Details of the Post(s):		6. Educational Qualification & Working Knowledge	
	Junior Research Fellow (JRF) <i>[Name of the Post(s)]</i>		Essential Qualification (s):	
	01 (One) <i>[No. of Post(s)]</i>	03 Year(s), 00 Month(s) <i>(Tenure of Post)</i>	a) M.Sc. in Chemistry (or Industrial / Applied / Environmental / Polymer / Materials Chemistry or Science) with aggregate marks of 65% or 7.00 CGPA.	
	Year 1 & 2 INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		b) Valid NET/GATE score or selected through national level examinations.	
	Year 3 INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		Desirable Qualification:	
	Job Description:		Throughout First Class in academic career. A reference/recommendation letter from candidates' teacher/supervisor may be sent to Dr. Bimalendu Adhikari via email: adhikarib@nitrkl.ac.in Candidate with lower qualification may be considered for the JRF with lower fellowship (30000 + HRA(if applicable)).	

Designed functional molecules (monomers) will be synthesized using organic synthesis methodologies and subsequently utilized for the development of strong supramolecular polymers and environmentally degradable supramolecular plastics through advanced supramolecular and materials chemistry approaches. The project will involve extensive spectroscopic studies (NMR, Mass, UV-Vis, CD, Fluorescence), microscopic characterization (TEM, AFM), rheological measurements, and mechanical studies including Universal Testing Machine (UTM) analysis. Environmental degradability and recyclability of the polymeric materials will be explored.

Online Interview details: 22-Jun-2026 11.00 AM Department of Chemistry

Application link for eligible candidate(s): NIT Rourkela Homepage → FACULTY & STAFF → SRICCE → Career → Notices

The candidate(s) are required to send the complete filled and signed application (soft copy) with documents regarding educational qualification indicating percentage of marks / division (mark-sheets and / or certificates), research papers (if any), work experience certificate (if any) etc., This may be built as a single PDF file and sent by email with "Advertisement No." on the subject link to the above mentioned e-mail IDs. NO hard copies of application(s) are required to be sent to the Institute. Last date for submitting the Application: 15-Jun-2026

The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications for that position. Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project. Selection / Joining will be cancelled in case of any suppression of information / document submitted.

NIT Rourkela reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post. Only short-listed candidates will be informed for Online interview. In case, any clarification is required on eligibility regarding the above post, the candidate may contact in the above mentioned details.

Age Guideline: The upper age limit for applying for the award of project position shall be 28 years, which is relaxed up to 5 years in the case of candidates belonging to Schedule Castes / Schedule Tribes / PWD and Female applicants whereas 3 years in the case of OBCs (Non-creamy layer candidates). Upper age limit shall be reckoned as on the last date of receipt of applications.

Any other terms & conditions governed as per guidelines issued by the funding agency for the engagement of above position as amended from time to time shall be in force towards this temporary recruitment.

Sd/-

Asst. / Dy. / Jt. Registrar (SR)

Copy to:

- PI: Prof. Bimalendu Adikari, CY ➤ Chairman, DRC, Dept. of CY ➤ Advertisement File
- Head of the Department / Centres / Units (It is requested that the contents of the above advertisement be brought to the notice of the staff(s) / student(s) working in your Deptt. / Centre / Unit.)
- Dealing Seat (SR – Project Recruitment) → To publish advertisement at NITR website.