



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.- 25CH070 / L / 008

dt.15-Apr-2026 Ref: FTS 260413-3203

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:	Development of bio-based terminal cyclic carbonate via CO ₂ capture and conversion in a semi-continuous process.		
2.	Project Code, Dept. with Closing Date:	SR-25-CH-070	20-Mar-2029	Chemical Engineering
3.	Funding Agency Details:	ANRF-ARG		
4.	PI details:	Prof. Sujit Sen 7735453175	-	sensujit@nitrrl.ac.in, 0661-246 2254 sensujit@gmail.com
5.	Co-PI details:	Prof. Vaibhav V Goud 9957573605	-	vvgoud@iitg.ac.in 0661-246 - vvgoud@gmail.com
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF) <i>[Name of the Post(s)]</i>		Essential Qualification (s): M.E./M.Tech./M.S. or equivalent degree in Chemical Engineering/Technology/Material Science and Engineering/Biotechnology/ Environmental Science and Engineering OR M.Sc. in Chemistry/Material Science/Environmental Science/ or in any other related branch with minimum 60% of marks or 6.5 CGPA in 10 point scale. Candidates having M.E./M.Tech./M.S. degree should have a valid GATE score. Candidates having M.Sc. degree should have valid GATE score or UGC/CSIR-JRF qualification or equivalent fellowship. Hand-on experience in wet lab experimentation and analysis and sound knowledge of different analytical methods such as: GC/HPLC, FTIR, UV Vis spectroscopy etc. is necessary. The candidates should have experience in handling reactors, synthesis in lab-scale.		
01 (One) <i>[No. of Post(s)]</i>	03 Year(s), 00 Month(s) <i>(Tenure of Post)</i>			
Year 1 & 2				
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Experience / Software / Skillset & Desirable Qualification:		
Year 3				
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		Strong preference will be given to candidates having interest/motivation in pursuing Ph.D. at NIT Rourkela. Candidates with clear research motivation and long-term commitment to doctoral studies will be prioritized. Knowledge of Catalysis and Reaction Engineering at undergraduate level. Knowledge of numerical coding using Python and MATLAB is an added advantage but not a limiting criteria.		
Job Description:				

The JRF's role will be to conduct experiments and curate data, writing the manuscript and patent documents, and presenting our work at conferences to improve outreach. S/he will be engaged in exploring method of preparing biomass-based material for carbon capture and conversion into useful chemicals via a sustainable route.

Online Interview details: 27-Apr-2026 11:00 AM Department of Chemical Engineering

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: 26-Apr-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 & CO- PI: Prof. Sujit Sen, CH & Prof. Vaibhav V Goud, CH ➤ Chairman, DRC, Dept. of CH
 - 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) ➤ Advertisement File ➔ [To publish advertisement at NITR website.](#)