



राष्ट्रीयप्रौद्योगिकीसंस्थानरायपुर

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)
Under Ministry of Education, Govt. of India



Annexure-1

Adv. No.: NITRR/CH/2025/1452

Date: 11/08/25

Walk-in-Interview for the Post of Junior Research Fellow (JRF) in Sponsored R&D Project

Applications are invited for the position of Junior Research Fellow (JRF) on a purely time-bound research project undertaken at the Department of Chemical Engineering, National Institute of Technology Raipur, Chhattisgarh, India.

Project File No.	ANRF/IRG/2024/000096/ENS
Project Title	Photocatalytic Degradation of Microplastics in Wastewater Using Novel Reduce Graphene Oxide based Magnetic N-doped TiO ₂ Catalyst.
Sponsoring Agency	Anusandhan National Research Foundation (ANRF), Inclusivity Research Grant (IRG) Scheme, GOI
Name of Post	Junior Research Fellow
Number of Post(s)	One (01)
Consolidated Monthly Fellowship	Rs. 37,000/- per month + HRA, for the first year (10 months) and for the second year (12 months)
Duration of the Positions	36 Months Initially, the position is for 10 months (First Year), likely to be extended for another two years (Co-terminus with the duration of the project), subject to the candidate's satisfactory performance each semester.
Essential Qualifications	1. First class M.E./M.Tech. in Chemical/ Environmental Engineering or MSc in Chemistry or related areas from an a recognized Institute/University or equivalent. (M. Tech Final semester candidates waiting for final results may also apply).
Desirable Qualifications	1. GATE/NET including Lectureship. 2. The selection processes through National Level Examinations conducted by the central Govt. Departments and their agencies and Institutions such as ICMR/IIT/IISc/DST/DBT etc 3. Candidates have knowledge of experimental work in the Analysis of Water and Wastewater, Photocatalysis, catalyst synthesis, and handling of analytical equipment. 4. Have at least one quality research publication and good academic credentials
Age and Relaxation (if any)	Preference will be given to the candidates with an age limit of 30 years
How to Apply	Interested applicants may send with the duly filled application form, relevant mark sheets, certificates, qualifying documents, age proof, research experience certificate (if any) and CV as a single pdf file to Dr. Chandrakant Thakur, Principal Investigator, Department of



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	Chemical Engineering, NIT Raipur, Chhattisgarh-492010, via Email: cthakur.che@nitrr.ac.in on or before 26/08/2025, 5.00 pm.
Schedule and venue of the interview	August 28, 2025, at 11.00 am onwards, at the Department of Chemical Engineering
Principal Investigator (PI)	For any queries, the candidates may contact the PI: Dr. Chandrakant Thakur, E-mail: cthakur.che@nitrr.ac.in, Mobile-7354951575
Terms & Conditions	<ul style="list-style-type: none"> The above position is purely temporary, and the continuation of the post is subject to satisfactory performance and review after each semester. The JRF post is purely temporary; the candidate shall not claim a regular/part-time appointment at this Institute, as the post is co-terminus with the project. The JRF will not be entitled to any regular leave, but are allowed to have CL and RH as per the NITRR rules The JRF is required to adhere to the administrative, financial, and disciplinary regulations of the NITRR. Hence, regular attendance of the JRF will be maintained. The candidates will have to compulsorily bring the filled-in application form (as per the format annexed), all the original certificates and mark sheets from matriculation onwards, date of birth certificate, NET/equivalent certificate, degree certificate either original or provisional, caste certificate (if applicable), and one set of the self-attested photocopies of all the required certificates from matriculation onwards and an attested copy of recent passport size photograph pasted onto the application form. Proof of experience and publications also need to be submitted. No TA/DA will be paid for attending the interview. No hostel facility will be provided to the selected candidates. Incomplete applications/false information will be summarily rejected. Only the candidates meeting essential qualifications would be interviewed. Concealing of facts or canvassing in any form shall lead to disqualification or termination of such candidates. The Institute reserves the right to cancel the post without assigning any reason. The selected candidates may get an opportunity to enroll for PhD at NIT Raipur subject to meet certain eligibility requirements and also qualify for the written examination and interview.

Dr. Chandrakant Thakur,
Principal Investigator
Assistant Professor,
Department of Chemical Engg., NIT Raipur.



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Annexure-2

Application Form for JRF in Chemical Engineering Department for ANRF IRG
Sponsored Project

To,
Dr. Chandrakant Thakur (PI)
Assistant Professor
Dept. of Chemical Engineering
National Institute of Technology Raipur
Raipur – 492010, C.G., India

Self-attested
 Photograph

GATE/NET qualified (Please tick <input checked="" type="checkbox"/>)	Yes / No, If yes, discipline:	
If yes, please provide details	Exam:	Year:
	Rank:	Score/Percentile:

1.	Name in full (in capital letters) (Underline Surname)			
2.	Father's / Husband's Name			
3.	Mother's Name			
4.	a. Marital Status		b. Gender (Please tick <input checked="" type="checkbox"/>)	Male / Female/ Others
5.	a. Permanent address	b. Address for correspondence		
	Mobile No.		E-mail ID	
6.	Date of birth (DD/MM/YYYY)			
7.	Category (Please tick <input checked="" type="checkbox"/>)	SC / ST / OBC / PWD / General		
8.	Nationality			
9.	No. of research publications, if any (Enclose the list)	SCI Journal – Other Journal – Conference – Book Chapter/Book –		
10.	Additional information, if any			

11. Details of educational qualifications: Please give particulars of all examinations passed and degrees obtained commencing with the 10th standard / Matriculation.



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Sl. No.	Examination / Degree / Diploma passed	Name of the Institute/College	Name of the Board / University / Institution	Class / Division	Discipline	% of marks or CGPA out of 10	Year of passing

12. Details of employments: If employed, please give particulars of your present and past employments in chronological order, starting with the present one:

Sl. No.	Organisation / Institute	Position held	Nature of duties / work	From Date	To Date	Experience (___Yr. __Months)	Last Pay scale & Gross pay

UNDERTAKING

I hereby declare that I have carefully read and understood the instructions and particulars supplied to me and that all the entries in this form are true to the best of my knowledge and belief. I fully understand that if it is found that any information given in the application is incorrect/false or if I do not satisfy the eligibility criteria at a later date, my candidature/appointment is liable to be cancelled.

Signature of Applicant

Date :

Place :