



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 / 2024 / Advt.- 24CR052 / L / 110

dt. 21/03/2025 Ref: FTS 250317-0039

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:	Investigating Mechanical and Biological Properties of Injectable Calcium Magnesium Phosphate Cement Reinforced by Addition of Mg Alloy-Based Fine Wires		
2.	Project Code with Duration (Closing Date):	SR/24/CR/052	07/03/2028	
3.	Funding Agency Details:	ICMR		
4.	Department / Centre:	Dept. of Ceramic Engineering		
5.	Name of the PI with details:	Prof. Sudip Dasgupta		Prof. Subrat Kumar Panda
		dasguptas@nitrrkl.ac.in	-@gmail.com	pandask@nitrrkl.ac.in
		0661-246 2212	-	0661-246 2529

6. Details of the Post(s):		7. Educational Qualification & Working Knowledge		
Project Research Scientist-I(Non-Medical)		Essential Qualification (s):		Desirable Qualification:
[Name of the Post(s)]		Graduate in engineering discipline (except electrical, electronics and communication, IT, Computer science and engineering, and related discipline)		Post graduate degree in engineering discipline (except electrical, electronics and communication, IT, Computer science and engineering, and related discipline), qualified NET/GATE score, expertise in chemical synthesis, materials characterization, mechanical characterization, in vitro cell culture, good analytical skill, graphical software skill, good manuscript writing skill, excellent verbal communication in English. The candidate is expected to pursue a PhD in Ceramic Engineering at NIT Rourkela under the supervision of Dr. Sudip Dasgupta on the same topic or as per chosen topic of mutual interest of the supervisor.
01 (One)	03 Year(s), 00 Month(s)	plus one year of research experience or professional experience/ post graduate degree in Pure Science discipline (except Mathematics and related discipline)		
[No. of Post(s)]	(Tenure of Post)	Experience / Software / Skillset:		
Year 1 & 2	INR 56,000.00 /- per month (+) HRA @ NA % (if applicable)	Age relaxation upto 5 yrs may be granted to deserving candidates having experience of working in Govt. Research Organization on a case to case basis, by DG, ICMR/Head of the Institution.		
Year 3	INR 58,000.00 /- per month (+) HRA @ NA % (if applicable)	Job Description:		
		A project scientist-I (Non medical) is required for an ICMR approved project entitled " Investigating Mechanical and Biological Properties of Injectable Calcium Magnesium Phosphate Cement Reinforced by Addition of Mg Alloy-Based Fine Wires" for the duration of 3 years in the department of Ceramic Engineering at National Institute of Technology (NIT) Rourkela, Odisha, India. The in vivo characterization related to the project will be carried out at ICMR-NARFBR, Hyderabad, India under the supervision of at present director of the institute, Prof. Mukesh Gupta.		

Notified Later	Interview details:	-	-	-	Department of Ceramic Engineering
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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: 31/03/2025

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. Sudip Dasgupta** , Dept. of CR
- Co-PI : **Prof. Subrat Kumar Panda** , Dept. of ME
- Chairman, DRC, Dept. of CR
- Head of the Department / Centres / Units
- Dealing Seat (SR – Project Recruitment)
- Advertisement File

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.

To publish advertisement at NITR website.