



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.- 26MM017 / L / 078

dt.16-Sep-2026 Ref: FTS 260911-9671

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 cost-effective, bioactive titanium alloys for orthopedic implants with low modulus, high strength, and tribocorrosion resistance: Integrating alloy design with duplex nanoscale surface engineering.		
2.	Project Code, Dept. with Closing Date:	SR-26-MM-017	14-Jun-2029	Metallurgical and Materials Engg.
3.	Funding Agency Details:	SERB	ANRF	
4.	PI details:	Prof. Srijan Acharya 9481180711 acharyasrijan@nitrrkl.ac.in, 0661-246 srijanacharya@gmail.com		
5.	Details of the Post(s):		6. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF)		Essential Qualification (s): B.E/BTech/M.E./MTech/M.Sc(Engineering) in Metallurgy/Metallurgical and Materials Engineering/ Ceramic/ Chemical/ Mechanical/ Production/ Manufacturing Engineering/ Computer Science with minimum 65% marks or 7.0 CGPA in the preceding qualifying degree (or) M.Sc in Physics/Chemistry/ Materials Science with minimum 65% marks or 7.0 CGPA in the preceding qualifying degree Note: 1. Candidates with B.E./BTech/MSc should have valid GATE score (qualified); Candidates with M.E./MTech/Msc(Engineering) should have qualified GATE previously. 2. In case of non-availability of a suitable GATE/NET-qualified candidate, candidates without GATE/NET qualification may be considered for Project Associate-I with a fellowship of Rs. 30,000/- per month, based on merit, interview performance, and their theoretical knowledge and understanding of the project topic, subject to the requirements of the project.		
[Name of the Post(s)]				
01 (One)	02 Year(s), 08 Month(s)			
[No. of Post(s)]	(Tenure of Post)			
Year 1 & 2				
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)				
- NA -				
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:		Desirable Qualification: Prior knowledge/experience in one or more of the following experimental studies of metallic materials: 1. Alloy design and/or metal casting 2. Materials characterization 3. Mechanical behaviour and/or mechanical testing 4. Surface modification and surface characterization of metallic materials 5. Electrochemistry/corrosion/tribology 6. Physical metallurgy of titanium alloys		

1. Conducting experiments and analyzing results pertaining to study of processing-microstructure-property relationship in titanium alloys for biomedical applications
 2. Preparing project reports, manuscripts.
 3. Presenting results in conferences/workshops.
- Scope to enroll in Ph.D. program in the Department of Metallurgical and Materials Engineering (subject to fulfillment of all Institute/Department eligibility criteria)

Online Interview details: 07-Oct-2026 10:00 AM Department of Metallurgical and Materials Engg.

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: **30-Sep-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/-

Ranjan Kumar Nayak
Asst. Registrar (SR-I)

Copy to:

- PI: Prof. Srijan Acharya, MM ➤ Chairman, DRC, Dept. of MM ➤ 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.