



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.- 24BM004 / L / 104

dt. 29/01/2025 Ref: FTS 250128-3907

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:	An exploratory, prospective, open-label, randomized controlled trial of the safety and efficacy of StopBleed™ in patients with moderate-to-severe superficial bleeds and development of a gauze		
2. Project Code with Duration (Closing Date):	SR/24/BM/004		30/04/2026
3. Funding Agency Details:	ICMR		
4. Department / Centre:	Dept. of Biotechnology and Medical Engg.		
5. Name of the PI with details:	Prof. Devendra Verma vermad@nitrkl.ac.in dev.rivan@gmail.com 0661-246 2286		
	-	-	-
6. Details of the Post(s):	7. Educational Qualification & Working Knowledge		
Project Research Scientist-II [Name of the Post(s)] 01 (One) 01 Year(s), 00 Month(s) [No. of Post(s)] (Tenure of Post)		Essential Qualification(s): • For Engineering/IT/CS-First class Graduate degree of four years with three years' experience.	Desirable Qualification: • Expertise in biomaterials fabrication, including synthesis, characterization, and application in biomedical research. • Demonstrated skills in cell culture techniques, including 2D/3D cultures, viability assays, and co-culture systems. • Proficiency in nanotechnology, particularly in nanoparticle synthesis, functionalization, and biomedical applications. • Hands-on experience in conducting animal studies, including preclinical efficacy and safety evaluations. • Knowledge of GMP manufacturing processes for biomedical products, including regulatory compliance and quality control.
Year 1 INR 67,000.00 /- per month (+) HRA @ NA % (if applicable) - NA - INR 0.00 /- per month (+) HRA @ NA % (if applicable)		Experience / Software / Skillset: -NA-	Job Description: Key Responsibilities: • Lead the design and fabrication of biomaterials for medical applications, ensuring biocompatibility and functionality. • Perform advanced cell culture experiments, including 2D/3D models, and analyze cellular responses. • Plan and execute animal studies to evaluate preclinical efficacy and safety. • Oversee and contribute to GMP manufacturing processes, ensuring compliance with regulatory standards. • Prepare technical reports, research publications, and presentations. • Contribute to the development of proposals for grants and funding opportunities.
Notified Later	Interview details:	- - -	Link will be sent to the shortlisted candidates by e-mail.

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: **07/02/2025**

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. Devendra Verma , Dept. of BM
- Chairman, DRC, Dept. of BM
- 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.