



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.- 26BM037 / L / 060

dt. 17-Jul-2026 Ref: FTS 260710-2607

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:	Lung-Gut Axis Response to Environmental Pollutants: Integrating Central India Cohort Data with 3-D Bioprinted Organoid-on-a-Chip Platform		
2.	Project Code, Dept. with Closing Date:	SR-26-BM-037	03-Mar-2029	Biotechnology and Medical Engg.
3.	Funding Agency Details:	ICMR		
4.	PI details:	Prof. Prasoon Kumar	kumarprasoon@nitrrkl.ac.in, 0661-246 2340	
		8105648520	-	prasoonskumar1985@gmail.com
5.	Co-PI details:	Prof. Earu Banoth	banoth@nitrrkl.ac.in, 0661-246 2299	
			-	banoth.earu@gmail.com
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Project Technical Support (III)		Essential Qualification (s):		
[Name of the Post(s)]		1. Three Years Graduate degree in Physics/Chemistry/Biotechnology/biomedical/related field + three Years post qualification experience or PG (MS/MSc) in physics /Chemistry/ Biotechnology/ biomedical/allied field.		
01 (One)		OR		
02 Year(s), 08 Month(s)		2. Engineering in First class Biotechnology/Biomedical/Chemical/Materials/Physics/Mechanical - Four Years Graduate Degree + 3 years of Experience.		
[No. of Post(s)]		The candidate should also satisfy the PhD admission eligibility criteria of NIT Rourkela in addition to the above criteria		
Year 1 & 2		BTech/MTech in Biotechnology/Biomedical/Chemical/Materials/Physics/Mechanical with GATE/GPAT/NET/any national level exams in relevant disciplines		
INR 28,000.00 /- per month (+) HRA @ NA % (if applicable)		Experience / Software / Skillset & Desirable Qualification:		
Year 3		Experience of working on materials synthesis and characterization and micro-fluidic device design, fabrication and Testing; Excellent oral and written communication, Experience in biomedical device development and evaluation, Experience in computational fluid dynamics.		
INR 29,400.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:				

It includes

- 1) Experimental planning and execution: Design and fabrication of organoid-on-chip development including materials synthesis and characterization
- 2) Collecting and entering both qualitative and quantitative data, maintaining project documentation, and ensuring compliance with research protocols.
- 3) Dissemination of work through publications and patents writing.

Walk-in (offline) Interview details: 27-Jul-2026 10:00 AM Department of Biotechnology and Medical 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: **24-Jul-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 35 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. Prasoon Kumar, BM & Prof. Earu Banoth, BM ➤ Chairman, DRC, Dept. of BM
- 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.