



# 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 / 2025 / Advt.- 25BM003 / L / 052

dt.30-Jul-2025 Ref: FTS 250725-3077

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:	AI-Enabled Autofocusing Microscope for Rapid and Accurate Disease Detection in Remote and Tribal Healthcare Centers.	
2.	Project Code, Dept. with Closing Date:	SR/25/BM/003	23-Mar-2026
3.	Funding Agency Details:	IIT Palakkad-IHUB	-
4.	PI details:	Prof. Earu Banoth 8861543837	banothe@nitrkl.ac.in, 0661-246 2299 obmslab@gmail.com
5.	Details of the Post(s):		
Project Assistant (PrA) <i>[Name of the Post(s)]</i>		6. Educational Qualification & Working Knowledge	
01 (One) <i>[No. of Post(s)]</i>		00 Year(s), 08 Month(s) <i>[Tenure of Post]</i>	
For the Tenure as Mentioned above		Essential Qualification (s):	
INR 30,000.00 /- per month (+) HRA @ NA % (if applicable)		1. 1st Class in BSc./ B.Tech or higher degree qualification is mandatory as per Institute rule. 2. First Class Graduate Degree of Four Years (minimum 60% or CGPA 6.5) in Engineering 3. Preference for will be given if the candidates from ST communities when feasible (having the potential to execute the work) 4. All educational qualifications / certificates shall be from the recognized Board / University. 5. All experience gained shall be preferably from Govt. Organisations and shall be counted from the date of completion Minimum Essential Qualification	
- NA -		Desirable Qualification:	
INR 0.00 /- per month (+) HRA @ NA % (if applicable)		1. BSc./ B.Tech or higher degree qualification, Having interest in Optics and Optical Instrumentation will be more suitable for the work 2. Prior experience of working with Microfluidics/ Signal and Images analysis/ Optics for Biomedical/ biosensors / bio-electronics / electrochemistry is more desirable.	
Job Description:			
1. Design, Development and testing of Point-of-Care device in the lab setting. 2. Development of electronic data read out and test platforms for sensors in collaboration with other team members. 3. Preparing and maintaining documents for project related work. 4. Liaising with project partner organizations, both clinical and manufacturing on collaborative tasks related to the project. 5. Attending and presenting research work at premier conferences, meetings.			
Online	Interview details:	18-Aug-2025	03.00 PM
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: 15-Aug-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 30 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. Earu Banoth, BM ➤ Chairman, DRC, Dept. of BM ➤ 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.			