



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.- 23BM060 / L / 051

dt.25-Jul-2025 Ref: FTS 250717-1693

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:	Innovating Indigenous Portable Microfluidic Absorption Flow Cytometer for Multi-diseases Detection at Point-of-Care	
2.	Project Code, Dept. with Closing Date:	SR/23/BM/060	19-Feb-2027
3.	Funding Agency Details:	SERB	-
4.	PI details:	Prof. Earu Banoth 8861543837	banothe@nitrkl.ac.in, 0661-246 2299 obmslab@gmail.com
5.	Details of the Post(s):		
Junior Research Fellow (JRF)		6. Educational Qualification & Working Knowledge	
[Name of the Post(s)]		Essential Qualification (s):	
01 (One)		1. 1st Class in MSc (Physics). holders, GATE / GPAT / CSIR-NET JRF Qualified is mandatory with valid GATE score as per Institute rule.	
[No. of Post(s)]		2. First Class Postgraduate Degree / M.Tech (minimum 60% or CGPA 6.5) through GATE or any National Examination Test including integrated PG degrees in Engineering or Basic Sciences.	
01 Year(s), 07 Month(s)		OR First Class Graduate Degree of Four Years (minimum 60% or CGPA 6.5) in Engineering/IT/CS (GATE Qualified mandatory for Graduate degree holders with valid GATE score)	
[Tenure of Post]		3. All educational qualifications / certificates shall be from the recognized Board / University.	
For the Tenure as Mentioned above		4. All experience gained shall be preferably from Govt. Organisations and shall be counted from the date of completion Minimum Essential Qualification.	
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Desirable Qualification:	
- NA -		1. MSc Physics, Having interest in Optics and Optical Instrumentation will be more suitable for the work	
INR 0.00 /- per month (+) HRA @ NA % (if applicable)		2. M.E/ M.Tech / MSc in Biomedical Engineering/ Electronics Engineering/ Applied Physics/ Optics/ Materials Engineering/Biotechnology/Chemistry	
Job Description:		2. Prior experience of working with Microfluidics/ Signal and Images analysis/ Optics for Biomedical/ biosensors / bio-electronics / electrochemistry is more desirable.	
<p>1. Design, Development and testing of Point-of-Care device in the lab setting.</p> <p>2. Development of electronic data read out and test platforms for sensors in collaboration with other team members.</p> <p>3. Preparing and maintaining documents for project related work.</p> <p>4. Liaising with project partner organizations, both clinical and manufacturing on collaborative tasks related to the project.</p> <p>5. Attending and presenting research work at premier conferences, meetings.</p> <p>6. Option will be available to candidate to register for PhD at NIT Rourkela will subject to fulfillment of Institute eligibility criteria for PhD admission.</p>			
Online	Interview details:	13-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: 10-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 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: Prof. Earu Banoth, HS ➤ Chairman, DRC, Dept. of HS ➤ 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.			