



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.- 23BM060 / L / 001

dt.10/04/2024 Ref: FTS4512AA 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 with Duration (Closing Date):	SR/23/BM/060	19/02/2027	
3.	Funding Agency Details:	SERB	-	
4.	Department / Centre:	Dept. of Biotechnology and Medical Engg.		
5.	Name of the PI with details:	Prof. Earu Banoth		
		banothe @nitrkl.ac.in		obmslab @ gmail.com
		0661-246 2299	8861543837	-
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF)		Essential Qualification (s):		
[Name of the Post(s)]		1. First Class Postgraduate Degree / M.Tech (minimum 60% or CGPA 6.5) including integrated PG degrees in Engineering or Basic Sciences. 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)		
01 (One)	03 Year(s), 00 Month(s)	2. For Msc. holders, GATE / GPAT / CSIR-NET JRF Qualified is mandatory with valid GATE score as per Institute rule. Fellowship amount may be revised based on the latest Ministry of Science and Technology office memorandum, subject to the approval of the SERB		
[No. of Post(s)]	[Tenure of Post]	Desirable Qualification:		
Year 1 & 2		1. M.E/ M.Tech / MSc in Biomedical Engineering/ Electronics Engineering/ Applied Physics/ Optics/ Materials Engineering/Biotechnology/Chemistry		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		2. Prior experience of working with Microfluidics/ Signal and Images analysis/ Optics for Biomedical/ biosensors / bio-electronics / electrochemistry is desirable.		
Year 3		Experience / Software / Skillset:		
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		3. All educational qualifications / certificates shall be from the recognized Board / University.		
		4. All experience gained shall be preferably from Govt. Organisations and shall be counted from the date of completion Minimum Essential Qualification.		
		Job Description:		
		1. Design, Development and testing of Point-of-Care device in the lab		
		2. Development of sielctronic 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 organisations, both clinical and manufacturing on collaborative tasks related to the project.		
		5. Attending and presenting research work at premier conferences, meetings.		
		6. Option will be available to candidate to register for PhD at NIT Rourkela will subject to fulfilment of Institute eligibility criteria for PhD admission.		

Online Interview details: **24/04/2024 3.00 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: 22/04/2024

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. Earu Banoth , 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.