



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.- 26BM025 / L / 049

dt.01-Jul-2026 Ref: FTS 260622-0317

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:	Continuous non-invasive, wearable multi-metabolite and inflammation sensing platform for metabolic profiling and disease analytics.		
2.	Project Code, Dept. with Closing Date:	SR/26/BM/025	15-Jun-2029	Biotechnology and Medical Engg.
3.	Funding Agency Details:	SERB(ANRF)		ARG
4.	PI details:	Prof. Mirza Khalid Baig 6371516525	-	baigm@nitrrkl.ac.in, 0661-246 2342 @ gmail.com
5.	Co-PI details:	Prof. A. Thirugnanam, Biotechnology and Medical Engg.	-	thirugnanam@nitrrkl.ac.in, 0661-246 @ gmail.com
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF) <i>[Name of the Post(s)]</i>		Essential Qualification (s):		
01 (One) <i>[No. of Post(s)]</i>	03 Year(s), 00 Month(s) <i>(Tenure of Post)</i>	<ol style="list-style-type: none"> 1. First Class Postgraduate Degree / M.Tech / MPharm (minimum 60% or CGPA 6.5) including integrated PG degrees in Engineering or Basic Sciences (GATE Qualified mandatory with valid GATE/GPAT/NET score). OR First Class Graduate Degree of Four Years (minimum 60% or CGPA 6.5) in Engineering/IT/CS/Pharmacy (GATE Qualified mandatory for Graduate degree holders with valid GATE/GPAT/NET score) 2. For MSc. holders, GATE / GPAT / CSIR-NET JRF Qualified is mandatory with valid GATE score as per Institute rule. 3. All other guidelines and conditions apply as per OM SB/S9/Z-06/2019 dt.01-02-24 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 		
Year 1 & 2		Desirable Qualification:		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		<ol style="list-style-type: none"> 1. Preferrably M.Tech /B.Tech in Biomedical Engineering/M. Pharm /M.Tech in Electronics Engineering/ M.Tech or MSc in Biotechnology/Chemistry with valid GATE/GPAT Score. 2. Prior experience of working with biosensors / AI / bio-electronics / electrochemistry/diabetes is desirable and preferred. 		
Year 3				
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:				

1. Development and testing of biosensors in the lab
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 organisations, both clinical and manufacturing on collaborative tasks related to the project.
5. Attending and presenting research work at premier conferences, meetings.
6. The candidate is expected to enroll for PhD program at the Institute, subject to fulfillment of Institute PhD admissions criteria as per NITR/AC/Res/2026/M/0916 dt.10-Apr-2026

Notified Later Interview details: - - 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: **13-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 **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.

As per ANRF OM SB/S9/Z-06/2019 dt.01-02-24 and

NIT Rourkela guidelines for PhD (No.

NITR/AC/Res/2026/M/0916 dt.10-Apr-2026)

Sd/-

Asst. / Dy. / Jt. Registrar (SR)

Copy to:

- PI & CO- PI: Prof. Mirza Khalid Baig, BM & Prof. A. Thirugnanam, Biotechnology and Medical Engg. 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.