



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.- 23BM050 / L / 020

dt. 28/05/2024 Ref: FTS 9458AA 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:	Developing an artificial intelligence-enabled multispectral reflectance photography device for the prediction of the shelf-life of bakery products		
2.	Project Code with Duration (Closing Date):	SR/23/BM/050	06/02/2027	
3.	Funding Agency Details:	SERB	-	
4.	Department / Centre:	Dept. of Biotechnology and Medical Engg.		
5.	Name of the PI with details:	Prof. Kunal Pal	Prof. J. Sivaraman	
		palk@nitrrkl.ac.in	kpal.nitrkl@gmail.com	jsiva@nitrrkl.ac.in
		0661-246 2289	-	0661-246 2290

6. Details of the Post(s):		7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF)		Essential Qualification (s):		
[Name of the Post(s)]		1. All throughout first class (i.e., 6.5 CGPA or 60% marks). 2. MSc/B.Tech. with valid GATE score; OR M.E./M.Tech./M.Pharm. in relevant field with a GATE/GPAT at any point of career 3. ME/MTech/MPharm in relevant discipline with at least 6.5 CGPA or 60% marks; OR MSc in Basic Sciences/BE/B.Tech. with CGPA 7.0 or 65% marks in relevant disciplines.		
01 (One)	03 Year(s), 00 Month(s)	Desirable Qualification:		
[No. of Post(s)]	[Tenure of Post]	1. Prior knowledge in Python programming 2. The student should be interested to work on sensor integration and control		
Year 1 & 2		Experience / Software / Skillset:		
INR 31,000.00 /- per month (+) HRA @ NA % (if applicable)		4. Candidates with B.Sc./ Integrated M.Sc. background should have mathematics in B.Sc./ first 6 semester of Integrated M.Sc. 5. Candidates not fulfilling the criteria mentioned in Sl. No. 4, are eligible to apply. However, such students need to study Maths/Computer Science courses as per Institute rules, if selected for PhD 6. Acceptable GATE specialization: AG, BT, BM, CH, CS, EC, EE, XE, IN, XL, MA, ME, PH, PI, TF, ST, DA 7. All educational qualifications / certificates shall be from the recognized Board / University.		
Year 3		Job Description:		
INR 35,000.00 /- per month (+) HRA @ NA % (if applicable)		1. Performing day-to-day project related laboratory activities 2. The selected candidate is expected to register for PhD at NIT Rourkela, subject to fulfilment of Institute eligibility criteria for PhD admission.		

Online Interview details: **11/06/2024 9.30 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: 09/06/2024

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. Kunal Pal** , Dept. of BM
- Co-PI : **Prof. J. Sivaraman** , 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.