



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.- 23BM054 / L / 048

dt. 23/07/2024 Ref: FTS 6102AB

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:	DARPAN-Device development for Automated Real-time Prediction of Atrial fibrillation in the Indian population.		
2.	Project Code with Duration (Closing Date):	SR/23/BM/054	13/02/2027	
3.	Funding Agency Details:	SERB	Core Research Grant	
4.	Department / Centre:	Dept. of Biotechnology and Medical Engg.		
5.	Name of the PI with details:	Prof. J. Sivaraman	Prof. Kunal Pal	
		jsiva@nitrrkl.ac.in	mountshiva@gmail.com	palk@nitrrkl.ac.in
		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. 1st class B. Tech. & M. Tech. (minimum 60% or CGPA 6.5) in any discipline with GATE/UGC-NET qualification in any of the following subjects: BM, BT, IN, EE, EC, CS, DA, PH, XE.		
01 (One)		OR		
03 Year(s), 00 Month(s)		2. 1st class B.Tech. (minimum 60% or CGPA 6.5) in any discipline with GATE qualification in any of the following subjects: BM, BT, IN, EE, EC, CS, DA, PH, XE.		
[No. of Post(s)]		OR		
		3. 1st class B.Sc. & M.Sc. in (Instrumentation/Electronics/Physics and allied areas) with GATE qualification in any of the following subjects: BM, BT, IN, EE, EC, CS, DA, PH, XE.		
		4. Mathematics in +2 level and in UG level is compulsory.		
		Desirable Qualification:		
Year 1 & 2		1. B.Tech. in BME/E&I/ECE/EEE/ICE/CSE with M.Tech. research in biomedical related areas.		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		2. Prior experience of working in Biomedical Instrumentation and Signal Processing/AI applications in Biomedical fields.		
Year 3		Experience / Software / Skillset:		
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		-NA-		
		Job Description:		
		To develop an algorithm for real-time detection of AF & to develop a software incorporating algorithm design for detecting & classification of AF. An android based dedicated software with multiple features & data transmission to cloud server. Validation of device in Indian population using standard, Optimal lead system & to cross-validate with hospital data. Option will be available to candidate to register for Ph.D. at NIT Rourkela subject to fulfilment of institute eligibility criteria for Ph.D. admission.		

Online Interview details: 07/08/2024 11.00 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: 06/08/2024

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