NITR / SR / 2023 / Advt.- 23BM059   / L / 086   dt. 11/03/2024 Ref: FTS 1409AA   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:	Development and validation of an Artificial Intelligence based portable screening device for potentially malignant and malignant oral disorders by integrating narrow band imaging with auto fluorescence and white light

2.	Project Code with Duration *(Closing Date)*:	**SR/23/BM/059**	**28/02/2027**
3.	Funding Agency Details:	ICMR	
4.	Department / Centre:	Dept. of **Biotechnology and Medical Engg.**	

5.	Name of the PI with details:	Prof. **Bala Chakravarthy Neelapu**		Prof. **Kunal Pal**
		neelapubc @nitrkl.ac.in	@ -NA-	palk @nitrkl.ac.in @ -NA-
		0661-246 2291		0661-246 2289

6. Details of the Post(s): | 7. Educational Qualification & Working Knowledge

Project Research Scientist - II

[Name of the Post(s)]

01 (One) **01** Year(s), **06** Month(s)

[No. of Post(s)] *(Tenure of Post)*

For the Tenure as Mentioned above

INR **79,060.00** /- per month
(+) HRA @ **NA** % (if applicable)

- NA -

INR /- per month
(+) HRA @ **NA** % (if applicable)

Essential Qualification (s):
1. First Class Postgraduate Degree / M.Tech (minimum 60% or CGPA 6.5) including integrated PG degrees in Engineering or Basic Sciences, with 3 years experience or PhD or Second Class Post Graduate Degree, including integrated PG Degree with PhD and three years experience 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) with 3 years experience
2. All educational qualifications / certificates shall be from the recognized Board / University.
3. All experience gained shall be preferably from Govt. Organisations and shall be counted from the date of completion
Minimum Essential Qualification
Note: Maximum age limit is 40 years.

Desirable Qualification:
1. M.Tech / MSc in Biomedical Engineering/Electronics Engineering/Computer Science Engineering
2. Good Knowledge in Artificial Intelligence and hardware software interfacing for AI enabled device development

Experience / Software / Skillset:
Development of Artificial Intelligence based algorithms in the lab,Device development & good knowledge in interfacing hardware & software,Preparing & maintaining documents for project related work,Liasing with project partner organisations, both clinical & manufacturing on collaborative tasks related to the project,Attending & presenting research work at premier conferences meetings,Candidates may register for PhD at NIT Rourkela subject to fulfilment of Institute criteria for PhD admission.

Job Description:
1. Development of Artificial Intelligence based algorithms in the lab
2. Device development and good knowledge in interfacing hardware and software.
3. Preparing and maintaining documents for project related work.
4. Liasing 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: **25/03/2024** **11:30** **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: 23/03/2024

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.** Bala Chakravarthy Neelapu , Dept. of **BM**
- ➢ Co-PI : **Prof.** Kunal Pal   , Dept. of **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) ➡ *To publish advertisement at NITR website.*
- ➢ Advertisement File