



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.- 24ME024 / L / 076(ii) dt. 03/12/2024 Ref: FTS 240927-2820 SR-R03A

Corrigendum for Advertisement

Ref.: Advertisement No: NITR / SR / 2024 / Advt.- 24ME024 / L / 076 dt. 28/09/2024

The last date for receipt of application(s) is extended till the date as mentioned below, with the below corrigendum.

Essential Qualification: M. Tech.in Mechanical/Aerospace with specializations in Machine design/Production/Signal processing having more than 60% marks (in PG & UG). A Valid GATE score is essential.

Desirable Qualification: Knowledge of Matlab/SIMULINK programming, Signal analysis concepts, Vibration and acoustics principles, Good ICT skills.

Interview on: 26/12/2024 at 10.00 AM.

Extended Last date: 22/12/2024

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

Copy to:

- PI : Prof. J. Srinivas , Dept. of ME
- Co-PI : Prof. - , Dept. of -
- Chairman, DRC, Dept. of ME
- 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 Dept. / Centre / Unit.
- Dealing (SR – Project Recruitment) → To publish advertisement at NITR website.
- Advertisement File

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SPONSORED RESEARCH INDUSTRIAL CONSULTANCY CONTINUING EDUCATION

NITR / SR / 2024 / Advt.- 24ME024 / L / 076(i) dt. 25/10/2024 Ref: FTS 240927-2820 SR-R03A

Corrigendum for Advertisement

Ref.: Advertisement No: NITR / SR / 2024 / Advt.- 24ME024 / L / 076 dt. 28/09/2024

The last date for receipt of application(s) is extended till the date as mentioned below, with the below corrigendum.

Essential Qualification: M.Tech in Mechatronics, M.E./M.Tech. in Mechanical/Electronics/Electrical/Instrumentation/Aeronautical Engineering or similar with specialization in Machine Dynamics and Robotics/IoT/Signal Processing/Machine Learning or similar with above 60% or 6.5/10 CGPA and valid GATE score.

or

**B.E./B.Tech. in Mechanical /Electronics /Electrical /Instrumentation /Aeronautical Engineering or similar branches with above 65% marks or 7.0/10 CGPA and valid GATE score.
Desirable Qualification: Programming Knowledge.**

Extended Last date: 17/11/2024

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

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NITR / SR / 2024 / Advt.- 24ME024 / L / 076

dt. 28/09/2024 Ref: FTS 240927-2820

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:	A framework for detection and classification of underwater targets using signal demodulation and wavelet decomposition		
2.	Project Code with Duration (Closing Date):	SR/24/ME/024	30/09/2027	
3.	Funding Agency Details:	DRDO	Naval Research Board	
4.	Department / Centre:	Dept. of Mechanical Engineering		
5.	Name of the PI with details:	Prof. J. Srinivas	Prof. Saptarshi Chatterjee	
		srinivasj@nitrrkl.ac.in	- @ gmail.com	chatterjees@nitrrkl.ac.in
		0661-246 2503	-	-
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF)		Essential Qualification (s):		Desirable Qualification:
[Name of the Post(s)]		M.E./M.Tech. in Mechanical/Electronics/Electrical/Instrumentation/Aeronautical Engineering or similar with specialization in Machine Dynamics and Robotics/IoT/Signal Processing/Machine Learning or similar with above 60% or 6.5/10 CGPA and valid GATE score.		1. Previous experience on Signal Processing, Machine learning or working on acoustic signal is desirable but not mandatory. 2. Comfortable in coding using Python/MATLAB and Arduino.
01 (One)	03 Year(s), 00 Month(s)	or B.E./B.Tech. in Mechanical /Electronics /Electrical /Instrumentation /Aeronautical Engineering or similar branches with above 65% marks or 7.0/10 CGPA and valid GATE score.		
[No. of Post(s)]		[Tenure of Post]		
Year 1 & 2		Experience / Software / Skillset:		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		-NA-		
Year 3		Job Description:		
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		1. To carry out research on underwater acoustic signal acquisition and analysis. 2. Need to process the signal for the extraction of relevant information to finally detect the underwater targets. Scope to enroll in Ph.D/M.Tech(R) in Department of Mechanical Engineering (has to satisfy Institute/Department eligibility criteria).		

Notified Later	Interview details:	-	-	-	Department of Mechanical Engineering
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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: **20/10/2024**

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:

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- Co-PI : Prof. Saptarshi Chatterjee, Dept. of EC
- Chairman, DRC, Dept. of ME
- Head of the Department / Centres / Units
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