



# 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.- 23ME074 / L / 100

dt. 24/12/2024 Ref: FTS 241223-1675 **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 of support vector machines based software for cavitation level monitoring in a Francis turbine		
2.	Project Code with Duration (Closing Date):	SR/23/ME/074	24/03/2026	
3.	Funding Agency Details:	CPRI	-	
4.	Department / Centre:	Dept. of Mechanical Engineering		
5.	Name of the PI with details:	Prof. Tanmoy Bose		
		boset @nitrkl.ac.in	tanmoy.jgec04 @ gmail.com	
		0661-246 2541	8436520880	-
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF)		<b>Essential Qualification (s):</b>		<b>Desirable Qualification:</b>
[Name of the Post(s)]		M.E./M.Tech. Degree in Design/Fluid and thermal/production With minimum 65% marks/ 7.0 CGPA or, B.Tech degree in Mechanical/Production Engineering with valid GATE score.		Experience in MATLAB GUI Programming, Machine Learning
01 (One)	01 Year(s), 03 Month(s)	65% marks/ 7.0 CGPA or, B.Tech degree in Mechanical/Production Engineering with valid GATE score.		
[No. of Post(s)]	(Tenure of Post)	<b>Experience / Software / Skillset:</b>		
Year 1 & 2		-NA-		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		<b>Job Description:</b>		
- NA -		a) Carryout research work of the research project directed by the Principal Investigator. b) Keep and maintain the record of the results in presentable form (Soft as well as hard copy). c) Keep a track of contingencies/consumables required for the work. d) Assist the PI in preparation of various reports related to the research work. e) Carryout any other departmental work as directed by PI. Scope to enroll as a Ph. D. Scholar in Department of Mechanical Engineering (has to satisfy Institute/Department Eligibility Criteria)		
INR 0.00 /- per month (+) HRA @ NA % (if applicable)				

Online Interview details: 27/01/2025 10.00 AM Department of Mechanical Engineering

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: 26/01/2025

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. Tanmoy Bose , Dept. of ME
- Chairman, DRC, Dept. of ME
- 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.