



# 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.- 23ME051 / L / 051**

**dt. 25/07/2024 Ref: FTS 6390AB 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:	Experimental investigation on the performance of various optimized micro-grooved water-lubricated bearing for the rotors used in underwater vehicles and machinery	
2.	Project Code with Duration (Closing Date):	SR/23/ME/051	31/01/2026
3.	Funding Agency Details:	IIT Guwahati Technology Innovation and Development Foundation -	
4.	Department / Centre:	Dept. of Mechanical Engineering	
5.	Name of the PI with details:	Prof. Suraj Kumar Behera	Prof. R. K. Behera and Prof. R. N. Kandi
		beherask@nitrrkl.ac.in - @gmail.com	rkbehera@nitrrkl.ac.in - @gmail.com
		0661-246 2508 - -	0661-246 2504 - -
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF)		<b>Essential Qualification (s):</b>	
[Name of the Post(s)]		<b>M.Tech (Machine Design)</b>	
01 (One) 00 Year(s), 11 Month(s)		<b>Desirable Qualification:</b>	
[No. of Post(s)] [Tenure of Post]		Candidate must qualify the Written Test on Vibration analysis, Rotordynamic analysis and Bearing Design	
For the Tenure as Mentioned above		Candidate should have Basic understanding in Bearing design, vibration analysis and rotordynamics of high speed rotor.	
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Candidate must have experience in handling vibration sensors, data acquisition systems and conducting experiments.	
- NA -		<b>Experience / Software / Skillset:</b>	
INR 0.00 /- per month (+) HRA @ NA % (if applicable)		<b>Experience in Ansys, Matlab and SolidWorks.</b>	
		<b>Job Description:</b>	
		Research work of the project includes Design, Development and experimental investigation of water lubricated micro-grooved bearings for the rotors used in underwater vehicles and machinery.	
<b>Offline(Walk-In) Interview details: 13/08/2024 11.00 AM Department of Mechanical Engineering</b>			
<b>Application link for eligible candidate(s): NIT Rourkela Homepage → FACULTY &amp; STAFF → SRICCE → Career → Notices</b>			
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.			
<b>Last date for submitting the Application: 13/08/2024</b>			
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.			
<b>Age Guideline:</b>			
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.			
<b>Sd/- Asst. / Dy. / Jt. Registrar (SR)</b>			
<b>Copy to:</b>			
➤ PI : Prof. Suraj Kumar Behera , Dept. of ME			
➤ Co-PI : Prof. R. K. Behera and Prof. R. N. Kandi , Dept. of ME			
➤ 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 Deptt. / Centre / Unit.			
➤ Dealing Seat (SR – Project Recruitment) ➡ To publish advertisement at NITR website.			
➤ Advertisement File			