



# 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 / 2026 / Advt.- 25ME069 / L / 005

dt.09-Apr-2026 Ref: FTS 260408-2745

**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:	Design, development and characterizations of 3D-Printed piezoelectric sensor for non-invasive biomedical Monitoring.		
2.	Project Code, Dept. with Closing Date:	SR-25-ME-069	18-Mar-2029	Mechanical Engineering
3.	Funding Agency Details:	ANRF -		
4.	PI details:	Prof. Rudranarayan Kandi 7008203434	-	kandir@nitrrkl.ac.in, 0661-246 2538 rudranarayan07@gmail.com
5.	Details of the Post(s):		6. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF)		<b>Essential Qualification (s):</b>		
[Name of the Post(s)]		B.Tech/B.E in Mechanical Engineering/Production engineering/Industrial engineering/Biomedical engineering/Ceramic engineering/equivalent branches with minimum CGPA of 6.5 or 60% with Gate/NET qualification (including lectureship)/other national level fellowship tests.		
01 (One)		or		
[No. of Post(s)]		M.E/M.Tech. in production engineering/Design/Industrial engineering/Biomedical engineering/Ceramic engineering/equivalent specializations with minimum CGPA of 6.5 or 60% with Gate/NET qualification (including lectureship)/other national level fellowship tests.		
03 Year(s), 00 Month(s)		or		
[Tenure of Post]		MSC in Physics with 6.50 CGPA or 60% marks with NET(including lectureship)/GATE qualification.		
Year 1 & 2		<b>Desirable Qualification:</b>		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		1. Good knowledge in CAD, 3D Printing, Statistical modelling, and material characterizations.		
Year 3		2. Rheological investigations, optimizations		
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		3. Knowledge in design software, and MS office.		
<b>Job Description:</b>		4. Desirable experiences in related fields.		

Research work on design, development and characterizations of piezoelectric flexible sensors using 3D Printing. The research work also includes statistical modelling, optimization and machine learning assisted prediction of outputs for biomedical monitoring. There will be works like preparing reports, manuscripts, presenting research findings in project meetings, workshops and conferences as required.

Online Interview details: 01-May-2026 11.00 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: 28-Apr-2026**

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. Rudranarayan Kandi, ME ➤ Chairman, DRC, Dept. of ME ➤ Advertisement File
- 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 Seat (SR – Project Recruitment) → [To publish advertisement at NITR website.](#)