



# 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.- 26BM034 / L / 052**

**dt. 01-Jul-2026 Ref: FTS 260625-0823**

**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 and development of synthesis approaches for lignin hydrogel-based triboelectric nanogenerators aimed at self-powered applications.		
2.	Project Code, Dept. with Closing Date:	SR-26-BM-034	10-Jun-2029	Biotechnology and Medical Engg.
3.	Funding Agency Details:	ANRF		
4.	PI details:	Prof. Lohit Kumar Srinivas Gujjala	srinivasg@nitrkl.ac.in, 0661-2468509024654 @ gmail.com	
5.	Details of the Post(s):	6. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF) <i>[Name of the Post(s)]</i>		<b>Essential Qualification (s):</b> B.Tech./B.E. in Biotechnology/ Biomedical Engineering/ Biochemical Engineering/ Chemical Engineering/ Materials Science and Engineering/ equivalent branches with minimum CGPA of 6.5 or 60% with GATE/NET qualification (including lectureship)/other national level fellowship tests. or M.E./M.Tech. in Biotechnology/Biomedical Engineering/ Biochemical Engineering/ Chemical Engineering/ Materials Science and Engineering/ equivalent specializations with minimum CGPA of 6.5 or 60% with GATE/NET qualification (including lectureship)/other national level fellowship tests. or M.Sc. in Chemistry/Physics/Materials Sciences/Life sciences/ equivalent specializations with minimum CGPA of 6.5 or 60% with GATE/ NET (including lectureship)/ other national level fellowship tests.		
01 (One) <i>[No. of Post(s)]</i>	02 Year(s), 10 Month(s) <i>(Tenure of Post)</i>			
Year 1 & 2				
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)				
- NA -				
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)				
<b>Job Description:</b>		<b>Desirable Qualification:</b> 1. Experience in polymer/hydrogel synthesis 2. Hands-on knowledge of material characterization techniques 3. Experience in electrochemical and electrical measurements 4. Practical skills in laboratory fabrication and testing of functional materials or devices 5. Ability to analyze and interpret experimental data		

Research work on design, development and application studies of lignin hydrogel based TENG device  
Drafting reports for periodic progress of the project work and manuscripts for dissemination of research findings  
Presentations at seminars/ conferences

Online Interview details: 27-Jul-2026 10.00 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: 24-Jul-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. Lohit Kumar Srinivas Gujjala, BM ➤ Chairman, DRC, Dept. of BM ➤ 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 Deptt. / Centre / Unit.)
- Dealing Seat (SR – Project Recruitment) → To publish advertisement at NITR website.