



# 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.- 26FP029 / L / 040**

**dt.11-Jun-2026 Ref: FTS 260609-8935**

**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 Laser Induced Shockwave Technology (LIST) system for its application in perishable food commodities: Low Cost, energy efficient & nondestructive approach.		
2.	Project Code, Dept. with Closing Date:	SR/26/FP/029	26-May-2030	Food Process Engineering
3.	Funding Agency Details:	ANRF	Advanced Research Grant (ARG)	
4.	PI details:	Prof. Madhuresh Dwivedi	dwivedim@nitrrkl.ac.in, 0661-246 2907	
		9635111104	-	fpenitrkl@gmail.com
5.	Co-PI details:	Prof. Rama Chandra Pradhan	pradhanrc@nitrrkl.ac.in, 0661-246 2904	
		7008626180	-	fpenitrkl@gmail.com
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)]		M Tech in Food Engg/Post harvest Engg/Food Tech with	
	01 (One)	04 Year(s), 00 Month(s)	minimum CGPA of 6.5/10.0 (or 60% aggregate)	
	[No. of Post(s)]	(Tenure of Post)		
	Year 1 & 2		Essential qualification/experience will be as per the	
	INR 37,000.00 /- per month		DST-Govt of India (ANRF) norms.	
	(+) HRA @ NA % (if applicable)		<b>Desirable Qualification:</b>	
	Year 3 & 4		Successful score in GATE exam is preferred. Prior research experience or knowledge in the field of machine design, autoCAD, CATIA, SOLIDWORK but not mandatory. Hand-on experience on handling SEM, TEM, XRD, FTIR etc. would be an added advantage. Prior research experience in operating and handling twin-screw extruder, rice milling and paddy parboiling equipment will be given preference. Knowledge of Machine Design, CAD software, Artificial Intelligence-Machine Learning (AI-ML) modeling, and computational fluid dynamics (CFD) simulation will be considered an added advantage.	
	INR 42,000.00 /- per month			
	(+) HRA @ NA % (if applicable)			
	<b>Job Description:</b>			

To carry out research work related to the project and to continue Ph.D. at NIT Rourkela on the topic of this project work.

Online Interview details: 29-Jun-2026 11:00 AM Department of Food Process 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: 23-Jun-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 32 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.**

The reservation guidelines will be as per the DST-Govt of India norms.

Sd/-  
**Asst. / Dy. / Jt. Registrar (SR)**

Copy to:

- PI & CO- PI: Prof. Madhuresh Dwivedi, FP & Prof. Rama Chandra Pradhan, FP ➤ Chairman, DRC, Dept. of FP
- 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) ➤ Advertisement File ➔ To publish advertisement at NITR website.