



# 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 / 2025 / Advt.- 24FP051 / L / 033

dt.16-Jun-2025 Ref: FTS 250612-8546

**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 an Artificial Intelligence Powered Indigenous Smart Twin-Screw Extruder for Predicting Quality Parameters of High-Moisture Meat Analogue.

2. Project Code, Dept. with Closing Date: SR/24/FP/051 | 09-Jun-2028 | Food Process Engineering

3. Funding Agency Details: Anusandhan National Research Foundation (ANRF) | -

4. PI details: Prof. Chandrakant Genu Dalbhagat | dalbhagatc@nitrrkl.ac.in, 0661-246 2916 | 8348561119 | - | cafe.nitrrkl@gmail.com

5. Details of the Post(s): 6. Educational Qualification & Working Knowledge

Junior Research Fellow (JRF) [Name of the Post(s)]

01 (One) [No. of Post(s)] 03 Year(s), 00 Month(s) [Tenure of Post]

Year 1 & 2 INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)

Year 3 INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)

Job Description: To carry out research and development work related to the project (approved objectives) and to continue Ph.D. at NIT Rourkela on the topic of this project work.

Essential Qualification (s): M. Tech in Food Process Engineering/Processing and Food Engineering/Food Technology/Food Engineering and Technology with minimum CGPA of 6.5/10.0 (or 60% aggregate) with any of the following: (a) Qualified National Eligibility Test CSIR/UGC NET including lectureship (Assistant Professorship)/GATE (b) Qualified in National Level Examination conducted by Central Government Department and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISC, IISER, NISER, etc.

Desirable Qualification: Prior research experience/knowledge in the field of Machine Design, CAD software, Artificial Intelligence-Machine Learning Modeling, but not mandatory. Hands on experience in handling single/twin screw extruder would be an added advantage.

Online Interview details: 11-Jul-2025 10.00 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: 06-Jul-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. Chandrakant Genu Dalbhagat, FP > Chairman, DRC, Dept. of FP > 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.