



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.- 26LS008 / L / 031

dt. 29-May-2026 Ref: FTS 265026-7648

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: | Enhancing Rice Durable Resistance through Rhizoctonia solani Effector and Metabolite-Based Vaccination. | | |
| 2. | Project Code, Dept. with Closing Date: | SR/26/LS/008 | 25-May-2030 | Life Science |
| 3. | Funding Agency Details: | Others | ANRF | |
| 4. | PI details: | Prof. Binod Bihari Sahu | sahub@nitrrkl.ac.in, 0661-246 2782 | |
| | | 9777458089 | binodbiharisahu@gmail.com | |

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|--|--|--|--|--|
| 5. Details of the Post(s): | | 6. Educational Qualification & Working Knowledge | | |
| Project Associate (PA) <i>[Name of the Post(s)]</i> | | Essential Qualification (s): | | |
| 01 (One) <i>[No. of Post(s)]</i> | 04 Year(s), 00 Month(s) <i>(Tenure of Post)</i> | M.Sc./M.Tech. in Botany / Plant Science / Plant Biotechnology / Plant Pathology / Agricultural Biotechnology / Allied Plant Science disciplines with 60% marks or 6.50 CGPA in 10 point scale. Result awaited candidates will also be considered. The candidate should have NET or valid GATE qualification. | | |
| Year 1 & 2 | | Desirable Qualification: | | |
| INR 37,000.00 /- per month (+) HRA @ NA % (if applicable) | | Candidates with research experience in molecular plant-microbe interactions and disease resistance studies will be preferred. | | |
| Year 3 & 4 | | | | |
| INR 37,000.00 /- per month (+) HRA @ NA % (if applicable) | | | | |
| Job Description: | | | | |

The selected candidate will work on a research project focused on understanding Rhizoctonia solani effectors and metabolite-mediated immune priming for enhancing durable resistance in rice. The project involves molecular, biochemical and plant pathology approaches for developing innovative vaccination-based disease management strategies.

The candidate will be involved in:

- Identification and characterization of fungal effectors and metabolites
- Rice immune response analysis and resistance screening
- Molecular and biochemical experimentation
- Data analysis, report preparation and manuscript writing
- Coordination of greenhouse and laboratory experiments

Candidates may enroll for Ph.D. at NIT Rourkela subject to fulfillment of all the eligibility criteria.

| | | | | |
|--------|--------------------|-------------|----------|----------------------------|
| Online | Interview details: | 29-Jun-2026 | 09.00 AM | Department of Life Science |
|--------|--------------------|-------------|----------|----------------------------|

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: **15-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 30 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. Binod Bihari Sahu, LS ➤ Chairman, DRC, Dept. of LS ➤ 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.