



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 / 2023 / Advt.- 23EE061 / L / 088

dt. 13/03/2024 Ref: FTS 2105AA **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:	Prototyping of ML based Solar & Wind Forecasting Approach and Intelligent Power Management Scheme for Hybrid Storages in On-board Naval Microgrid			
2.	Project Code with Duration (Closing Date):	SR/23/EE/061		21/02/2027	
3.	Funding Agency Details:	DRDO		Naval Research Board	
4.	Department / Centre:	Dept. of Electrical Engineering			
5.	Name of the PI with details:	Prof. Arnab Ghosh ghosha@nitrkl.ac.in 0661-246 2417		Prof. Pravat Kumar Ray rayp@nitrkl.ac.in 0661-246 2412	
		agghosh.ee@gmail.com		-@gmail.com	
		9433379717		-	
6. Details of the Post(s):		7. Educational Qualification & Working Knowledge			
Junior Research Fellow (JRF) [Name of the Post(s)]		Essential Qualification (s):		Desirable Qualification:	
01 (One) [No. of Post(s)]		03 Year(s), 00 Month(s) (Tenure of Post)		As per DRDO and NIT Rourkela norms	
Year 1 & 2 INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Experience / Software / Skillset:		It is desirable that the student should have handsome experience to work in hardware setup fabrication and controller design in microcontroller or DSP platform.	
Year 3 INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		Job Description:		A. To carry out the research work (Experimental), in the field of Power Electronics Converters and Controllers Design (Microcontroller/DSP) & to visit different industry/ institute (in India) and DRDO for progress meeting. B. Assist the PI in preparation of reports related to the research work C. Other works related to the project ** Scope to enroll as a Ph. D. Scholar in Department of Electrical Engineering (has to satisfy Institute / Department Eligibility Criteria)	

Online Interview details: **05/04/2024** **10.00 AM** **Department of Electrical 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: 31/03/2024

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. Arnab Ghosh**, Dept. of EE
- Co-PI : **Prof. Pravat Kumar Ray**, Dept. of EE
- Chairman, DRC, Dept. of EE
- Head of the Department / Centres / Units
- Dealing Seat (SR – Project Recruitment)
- Advertisement File

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.

To publish advertisement at NITR website.