



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 / 2024 / Advt.- 23EC003 / L / 093

dt. 14/11/2024 Ref: FTS 241112-6977

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:	Development of Pressure Measurement Module for Chamber Pressure Measurement			
2.	Project Code with Duration (Closing Date):	SR/23/EC/003	23/04/2027		
3.	Funding Agency Details:	ARMREB, DRDO	-		
4.	Department / Centre:	Dept. of Electronics and Communication Engg.			
5.	Name of the PI with details:	Prof. Sougata Kar		Prof. Sudip Kundu	
		kars@nitrrkl.ac.in	sougatakar@gmail.com	kundus@nitrrkl.ac.in	-@gmail.com
		0661-246 2473	9433280223	-	0661-246 2480
6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge			
Junior Research Fellow (JRF)		Essential Qualification (s):		Desirable Qualification:	
[Name of the Post(s)]		M.E./M. Tech. in Electronics/Electrical/Instrumentation or similar with specialization in VLSI/Instrumentation/Electronics/Electrical or similar with above 60% marks at both UG and PG levels OR B.E./B. Tech. in Electronics/Electrical/Instrumentation or similar with above 60% marks and GATE score. For B.Tech. GATE is mandatory.		GATE score is not mandatory for M.E./M.Tech. but desirable. Previous experience in Analog IC design in Cadence and embedded systems design with micro-controllers are desirable.	
01 (One)	04 Year(s), 00 Month(s)				
[No. of Post(s)]	(Tenure of Post)				
Year 1 & 2		Experience / Software / Skillset:			
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		-NA-			
Year 3		Job Description:			
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		1. To carry out research and development on micro-controller (eg. STM32) based electronic pressure measurement module with piezo-based pressure sensor and associated analog interface circuit. 2. Need to develop a complete Analog ASIC. Scope to enroll in Ph.D./M.Tech.(R) in Department of Electronics and Communication Engineering (has to satisfy Institute / Department Eligibility Criteria)			

Online Interview details: 12/12/2024 10.00 AM Department of Electronics and Communication 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: 05/12/2024

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. Sougata Kar** , Dept. of EC
- Co-PI : **Prof. Sudip Kundu** , Dept. of EC
- Chairman, DRC, Dept. of EC
- 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.