



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.- 26CS022 / L / 025

dt. 20-May-2026 Ref: FTS 260520-6762 **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 Affordable Edge AI-Powered Robotic Therapeutic Intervention System for Motor-Impaired Patients.		
2.	Project Code, Dept. with Closing Date:	SR-26-CS-022	New	Computer Science and Engg.
3.	Funding Agency Details:	SERB		ANRF
4.	PI details:	Prof. Anup Nandy 6370066981	-	nandya@nitrrkl.ac.in, 0661-246 2370 nandy.anup@gmail.com
5.	Co-PI details:	Prof. Asim Kumar Naskar, Electrical Engg. Deptt. 7327987797	-	naskara@nitrrkl.ac.in, 0661-246 2408 -@gmail.com

6. Details of the Post(s):		7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF) <i>(Name of the Post(s))</i>		Essential Qualification (s):		
01 (One) <i>(No. of Post(s))</i>	03 Year(s), 00 Month(s) <i>(Tenure of Post)</i>	M.Tech/ M.E/M.Tech. [R]/M.S. [R] (after B.Tech/ B.E.) in specializations offered by Electrical Engineering, or Electronics and Communication Engineering, or Instrumentation Engineering, or Mechanical Engineering, or related Engineering departments (with a course on Control Systems, Dynamical Systems, Robotics) with GATE Score and 60% marks or 6.5/10 CGPA at both B.E./ B.Tech and M.E./M.Tech levels OR B.Tech/B.E in EE/EI/ECE with GATE score and CGPA above 8.0/10 or marks above 65%. OR M.Sc. (with GATE) in EE/EI.		
Year 1 & 2 INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Experience / Software / Skillset & Desirable Qualification:		
Year 3 INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)		1) Adequate knowledge in AI/ML and efficiency in developing software with programming languages such as Python and Java. 2) JRF candidate may eligible for Ph.D. enrollment subject to fulfillment of the institute regulations. 3) Sound knowledge in Mathematics. 4) Machine Learning & Data Analysis and C++/Python programming.		
Job Description:				

This research aims to develop an edge-AI-enabled neuro-robotic rehabilitation system for motor intent detection and personalized therapy. The system will be prototyped for clinical and home-based use, with real-world validation through hospital collaborations. Expected outcomes include improved therapy effectiveness, reduced healthcare costs via automation, and increased accessibility in underserved area. It is required to develop an AI-assistive device to support motor-impaired patients.

Walk-in (offline) Interview details: 05-Jun-2026 09:00 AM Department of Computer Science and 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: 31-May-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.

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

Copy to:
➤ PI & CO- PI: Prof. Anup Nandy, CS & Prof. Asim Kumar Naskar, Electrical Engg. Deptt. EE ➤ Chairman, DRC, Dept. of CS
➤ 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.](#)