



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2021/Advt-21CS060/L/067(Extn.) dt. 25.02.2022

[1st Extension Notice against earlier notice vide no. NITR/SR/2021/Advt-21CS060/L/067 dt. 07.02.2022]

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "Robot-Assisted Automated Monitoring and Behavioural Intervention System for Children with Autism Spectrum Disorder." Selected candidate may enroll in Ph.D. Programme in the **Department of Computer Science & Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/21/CS/060
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	Robot-Assisted Automated Monitoring and Behavioural Intervention System for Children with Autism Spectrum Disorder
4.	Name of the Sponsoring Agency	SERB, Govt. of India.
5.	Tenure of the Project	3 years
6.	Tenure of the Assignment	Extendable annually till completion of project, subject to satisfactory performance and availability of fund release by sponsoring agencies.
7.	Job Description	Development of Semi-Humanoid Robot for improvement of social and behavioural skills for children with ASD. To improve the learning skills of humanoid robot different machine/deep learning techniques will be explored
8.	Consolidated monthly compensation / Fellowship	INR 31,000 (1st & 2nd year) and INR 35,000 (3rd year).
9.	Essential Qualifications and experience	M.Tech/ M.E/M.Tech. [R]/M.S. [R] (after B.Tech/ B.E.) in Computer Science and Engineering (CSE)/ IT with 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 CSE with GATE score and CGPA above 8.0/10 or marks above 65%. OR M.Sc. (with GATE) in Computer Science / Information Technology
10.	Desirable Qualifications / Exp.	a. M.Tech in Computer Science and Engineering (CSE)/IT b. Knowledge in Robotics and Artificial Intelligence c. Machine Learning and Image Analysis d. Python programming and ROS.
11.	Accommodation	Bachelors Accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Prof. Anup Nandy
Address : Department of Computer Science & Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2370
Mobile : 6370066981
E-mail : nandya@nitrkl.ac.in/nandy.anup@gmail.com

Date and Time for **On-line / Walk-in** Interview: **16.03.2022 at 16:00 HRS (at. 4PM)**

Place of Interview: **Department of Computer Science & Engineering, NIT Rourkela**

Eligible candidates may apply within **11.03.2022**, 23:59 HRS. The candidates are required to send the complete filled up application form (Soft copy) to nandya@nitrkl.ac.in/nandy.anup@gmail.com. The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/ Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/ Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any) etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator (nandya@nitrkl.ac.in/nandy.anup@gmail.com) **on or before 11.03.2022, 23:59 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be canceled in case of any suppression of information / document provided earlier.

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.

Sd/-
Asst. Registrar (SR)

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) Prof. Anup Nandy, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Computer Science & Engineering.
- 4) Project file.