NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008(ODISHA)
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2022/Advt-22EE083/L/004, dt.08.04.2022.

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Department of Electrical Engineering of the Institute.

1.	Name of the Temporary Post	:	**JRF - 01 (Project Code: SR/22/EE/083).**
2.	Name of the Research Project	:	**Vertical integration to Fabricate 2T and 4T GaAs/Si Tandem PV device (TOPCON)**
3.	Name of the Sponsoring Agency	:	SERB, New Delhi
4	Tenure of the Project	:	03 Years (Mar 2022- Mar 25)
5	Tenure of the Assignment	:	Up to 03 Years or End of the project
6	Job Description	:	Research project implementation and documentation and whatever needed to execute the project successfully
7.	Consolidated monthly compensation / Fellowship	:	Rs. 31,000/- pm (for first 2 years) Rs. 35,000/- pm (till project end-date)
8.	Essential Qualifications and experience	:	M.Tech./ME/M.S. in Electrical/ Electronics/ Communications/ Instrumentation or equivalent or Microelectronics/Solid state Technology/MEMS/Nano Science/Nano Technology/Material Science/Engineering Physics or equivalent, relevant to the area of research OR B.Tech./BE in Electrical/Electronics/Communications / Instrumentation or equivalent or Microelectronics/Solid state Technology/MEMS/Nano Science/Nano Technology/Material Science/Engineering Physics or equivalent, and having a CGPA/CPI score of 8.00 (out of 10.0) and above with valid GATE score can apply
9.	Desirable Qualifications/ Experiences	:	Master's degree with experience of prior research work, journal publication/s, knowledge in – semiconductor fabrication and characterization, - is highly desirable. Candidates with research experience as JRF or equivalent will be given preference. Candidate is expected to join immediately.
10.	Accommodation	:	Bachelor accommodation in the Institute may be provided subject to availability.

(P.T.O)

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

Name	:	Dr. Paresh Govind Kale
Address	:	431, Department of Electrical Engineering N.I.T., Rourkela-769 008
Telephone No	:	0661-2462447 (O)
E-mail	:	pareshkale@nitrkl.ac.in or paresh.iitb@gmail.com

Date and Time for **On-line** Interview: **20.04.2022 at 09.00 AM**

Eligible candidates may apply within **18.04.2022, 2359 HRS.** The candidates are required to send the complete filled up application form (Soft copy) to pareshkale@nitrkl.ac.in
The application form is available in the following link: http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdfwhich 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 (pareshkale@nitrkl.ac.in) **on or before 18.04.2022, 2359 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 (SRICCE)

Copy to : 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
2) Dr. Paresh Kale (EE), co-Principal Investigator with a request to give wide publicity to advertisement.
3) Head of the Department, EE
4) Project file.