



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

NITR/SR/2022/Advt-22EC058/L/090 dt.27.03.2023.

Applications are invited on prescribed format (On-line) for the temporary post of "Project Associate-I/" for the Project entitled "Development of High-speed Transmitter for 5G Application." Selected candidate may enroll in Ph.D. / ~~M. Tech (R)~~ Programme in the **Department of Electronics and Communication Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/22/EC/058
2.	Name of the Temporary Post	Project Associate-I (No.:01)
3.	Name of the Research Project	"Development of High-speed Transmitter for 5G Application".
4.	Name of the Sponsoring Agency	SERB
5.	Tenure of the Project	03 Years(from 19.01.2023 to 18.01.2026)
6.	Tenure of the Assignment	03 Years Initial for a period of one year (Extendable to three years upon satisfactory performance)
7.	Job Description	To design a Free space optics transceiver for high speed communication: Required a sound knowledge on hardware implementation.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/- HRA(as applicable) OM Fellowship Revision-2019.pdf (dst.gov.in)
9.	Essential Qualifications and experience	B.Tech and M.Tech in Electronics and Communication Engineering with 60% marks, or GATE Qualified OM Fellowship Revision-2019.pdf (dst.gov.in)
10.	Desirable Qualifications / Exp.	B.Tech and M.Tech in Electronics and Communication Engineering, GATE Qualified, Preference more for experience on hardware design and fabrication
11.	Age	As per Institute/DST Norms. OM Fellowship Revision-2019.pdf (dst.gov.in)
12.	Accommodation	Bachelor / Married 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. Santos Kumar Das
Address : Department of Electronics and Communication Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2466
Mobile : 9437940105
E-mail : dassk@nitrkl.ac.in

Date and Time for **Walk-in** Interview: **03.05.2023 at 10:00 AM.**

Place of Interview: **Department of EC, NIT Rourkela**

Eligible candidates may apply within **21.04.2023, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to dassk@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\(2\).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 (dassk@nitrkl.ac.in) **on or before 21.04.2023, 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 (SR)

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) **Prof. Santos Kumar Das**, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, EC
- 4) Project file.