



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) <u>OM Fellowship Revision-2019.pdf (dst.gov.in)</u>
9.	Essential Qualifications and experience	B.Tech and M.Tech in Electronics and Communication Engineering with 60% marks, or GATE Qualified <u>OM Fellowship Revision-2019.pdf (dst.gov.in)</u>
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. <u>OM Fellowship Revision-2019.pdf (dst.gov.in)</u>
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.