



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

NITR/SR/2020/Advt-19EC058/L/021 dt. 12.11.2020

Applications are invited on prescribed format (On-line) for the temporary post of "**Junior Research Fellow**" for the Project (**SR/19/EC/058**) entitled "Performance Evaluation and Optimization of UAV-Enabled Cellular Communications" in the **Department of Electronics and Communication Engineering** based on Institute norms and regulations.

1.	Project Code	<b>SR/19/EC/058</b>
2.	Name of the Temporary Post	Junior Research Fellow – 01 post
3.	Name of the Research Project	<b>"Performance Evaluation and Optimization of UAV-Enabled Cellular Communications"</b> .
4.	Name of the Sponsoring Agency	SERB, DST
5.	Tenure of the Project	Two years
6.	Tenure of the Assignment	Upto One (01) year or till end of the project.
7.	Job Description	Research work related to aforementioned project and related documentation. Research publications and whatever necessary to execute the project successfully.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/- per month
9.	Essential Qualifications and experience	First class in B.E. or B. Tech in Electronics and Communication / Electronics and Instrumentation / Electronics and Telecommunication / Electronics Engineering / Applied Electronics & Instrumentation / Electrical and Electronics Engineering / Electrical Engineering or any other relevant discipline followed by M. Tech. or M.E. in Electronics and Communication / Electronics and Instrumentation / Electronics and Telecommunication / Electronics Engineering / Applied Electronics & Instrumentation / Electrical and Electronics Engineering / Electrical Engineering or any other relevant discipline with aggregate marks of 60% or 6.5 CGPA. <b>OR</b> B.E. or B. Tech in Electronics and Communication / Electronics and Instrumentation / Electronics and Telecommunication / Electronics Engineering / Applied Electronics & Instrumentation / Electrical and Electronics Engineering / Electrical Engineering or any other relevant discipline with valid GATE score and 7.0 CGPA.
10.	Desirable Qualifications / Exp.	Knowledge of basic mathematical course on Probability Theory and Stochastic Processes, etc. Familiarity with one or more of the following software tools - Matlab, Mathematica, Python, etc.
11.	Selection Process	Written test/Personal interview
12.	Accommodation	Bachelor 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. Pankaj Kumar Sharma  
Address : Department of Electronics and Communication Engineering  
National Institute of Technology Rourkela, Odisha 769 008.  
Mobile : 63980 53220  
E-mail : [sharmap@nitrkl.ac.in](mailto:sharmap@nitrkl.ac.in)

Date and Time for **On-line Interview: 30<sup>th</sup> December, 2020 at 10:30 AM.**

Eligible candidates may apply for **On-line interview** on 30.12.2020 at 10:30 AM. The candidates are required to send the complete filled up application form (soft copy) to [sharmap@nitrkl.ac.in](mailto:sharmap@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 ([sharmap@nitrkl.ac.in](mailto:sharmap@nitrkl.ac.in)) **on or before 22.12.2020, 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. Pankaj Kumar Sharma, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Electronics and Communication Engineering.
- 4) Project file.