



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

Advt. No.: NITR/SR/18/CS/058/2019/L/389

Date: 20.06.2019

Applications are invited on prescribed format for the temporary post of "**Junior Research Fellow (JRF)**" for the Project (Project No.: SR/18/CS/058) entitled "**Development of City Traffic Dashboard using Social Media Data and Historical GPS Trajectory**" sanctioned by SERB (DST, Ministry of Science and Technology, Govt. of India). Selected candidate may enroll in Ph.D. Programme in the **Department of Computer Science and Engineering**, National Institute of Technology Rourkela based on Institute norms and regulations.

1.	Name of the Temporary Post	Junior Research Fellow (JRF) - 01
2.	Name of the Research Project	Development of City Traffic Dashboard using Social Media Data and Historical GPS Trajectory.
3.	Name of the Sponsoring Agency	SERB (DST, Ministry of Science and Technology, Govt. of India)
4.	Tenure of the Project	03 Years
5.	Tenure of the Assignment	Extendable annually till completion of project, subject to satisfactory performance and availability of fund release by sponsoring agencies.
6.	Job Description	JRF is required to work in developing a traffic dashboard using social media data and GPS trajectory collected from various traffics using data mining and machine learning techniques.
7.	Consolidated monthly compensation / Fellowship	Rs. 25,000/- per month in 1 st and 2 nd Year. Rs. 28,000/- per month in 3 rd Year (to be revised).
8.	Essential Qualifications and experience	B.Tech. (with GATE) /M.Tech in Computer Science & Engineering / Information Technology OR MCA /M.Sc. (with GATE) in Computer Science / Information Technology.
9.	Desirable Qualifications/ Experiences	a. M.Tech in Computer Science and Engineering (CSE) /IT b. Knowledge in Machine Learning and Data Mining. c. Python programming.
10.	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 addresses:

Name : Prof. Bidyut Kr. Patra
Address : Computer Science and Engineering
National Institute of Technology, Rourkela, Odisha 769 008.
Tel. No. : 94385 03632 (Mobile) / +91-661-246 2367 (Office)
E-mail : patrabk@nitrkl.ac.in / bidyut76@gmail.com

Eligible candidates may appear in a walk-in interview on **02.07.2019 at 11:00 AM** in **Department of Computer Science and Engineering, National Institute of Technology, Rourkela-769 008.**

The candidates are required to submit the complete filled up application form (hard copy) at the time of interview. 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. The candidates are also required to bring relevant documents mentioned in the application form (such as original all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.,

Mere possession of essential/desirable qualifications and experience does not guarantee selection for the post. Candidates will be selected on merit and need of the project.

**Sd/-
Asst. Registrar (SRICCE)**

Copy to:

1. All Heads of the Departments for publication on Departmental Notice Boards.
2. Prof. Bidyut Kr. Patra, PI with a request to give wide publicity to advertisement.
3. Head of the Department, CS.
4. Project file.