



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

NITR/SR/2020/Advt-ER059/L/014 dt. 15.10.2020

[1st Extension Notice against earlier Notice vide no. NITR/SR/  
ER-059/L/012 dt. 28.09.2020]

Applications are invited on prescribed format for the temporary post of "**Junior Research Fellow (JRF)**" for the Project entitled "*Understanding the factors influencing the initiation and developments of mesoscale convective weather systems over southern east coast of India using three dimensional coupled numerical weather models and observations*". Selected candidate may enroll in Ph.D. Programme in the **Department of Earth & Atmospheric Sciences, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/19/ER/059
2.	Name of the Temporary Post	Junior Research Fellow (JRF) - 01
3.	Name of the Research Project	Understanding the factors influencing the initiation and developments of mesoscale convective weather systems over southern east coast of India using three dimensional coupled numerical weather models and observations
4.	Name of the Sponsoring Agency	ISRO, Govt. of India
5.	Tenure of the Project	03 Years [November 2019 – November 2022]
6.	Tenure of the Assignment	03 Years
7.	Job Description	Research work related to project. Candidate may register for Ph.D. at NIT Rourkela.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/- per month 1 <sup>st</sup> and 2 <sup>nd</sup> year and INR 35,000/- per month in 3 <sup>rd</sup> year.
9.	Essential Qualifications and experience	First division throughout career with 65% marks or above in M. Sc or M.Sc. Tech <b>(OR)</b> M. Tech (Atmospheric Science / Meteorology / Oceanography / Physics / Mathematics / Environmental Science / Climate Science / Earth System Science / Remote Sensing / Applied Geophysics / Equivalent).  Candidate should be NET or GATE qualified.
10.	Desirable Qualifications/ Experiences	Working experience in MatLab, WRF model and basic understanding of Atmospheric Science.
11.	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 address:

Name : **Prof. Bhisma Tyagi**  
Address : Assistant Professor, Department of Earth & Atmospheric Sciences  
National Institute of Technology, Rourkela, Odisha 769 008.  
Tel. No. : 0661-246 2934 (O)  
E-mail : [tyagib@nitrkl.ac.in](mailto:tyagib@nitrkl.ac.in)

Date and Time for **On-line** Interview: **04<sup>th</sup> November, 2020 at 1030 HRS**

Place of Interview: **Online Mode (Microsoft Team / Skype / Google Meet)**

The candidates are required to send the complete filled up application form (soft copy) to [tyagib@nitrkl.ac.in](mailto:tyagib@nitrkl.ac.in)

The application form is available in the link mentioned below; which must be filled by candidates and forward the signed application with requisite supporting documents [photocopies] and research papers, if any) etc.

**Link for application form:** [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)

Candidates will build **a Single PDF**; it is to be sent to Principal Investigator ([tyagib@nitrkl.ac.in](mailto:tyagib@nitrkl.ac.in)) **on or before 02.11.2020, 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 cancelled 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. Bhisma Tyagi, Principal Investigator with a request to give wide publicity to advertisement.
3. Head of the Department, ER.
4. Project file.