



Centre for System Design

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL
P.O. SRINIVASNAGAR, MANGALORE - 575 025
Phone: 0824:2473915



ADVERTISEMENT FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)

Ref. No. NITK/CSD/2022/SERB-AIBM/253

Date: 11/11/2022

Applications are invited from eligible Indian nationals for the position of Junior Research Fellow (JRF) for a research project funded by the Science and Engineering Research Board (SERB), DST, Government of India, at the Centre for System Design, NITK Surathkal. The details are as below.

<i>Project Title</i>	Artificial Intelligence-Based Modeling and Assessment of Saltwater Intrusion Phenomenon in West-Flowing Rivers of Coastal Karnataka Using Multimodal Data Sources
<i>Sanction Number</i>	SPG/2021/003316
<i>Funding Agency</i>	DST-SERB, Govt. of India
<i>Duration</i>	03 years or completion of project period
<i>Principal Investigator</i>	Dr. Shrutilipi Bhattacharjee, Dept. of IT, NITK Surathkal Email: shrutilipi@nitk.edu.in
<i>Co-Principal Investigator</i>	Dr. Sowmya Kamath S, Dept. of IT, NITK Surathkal Email: sowmyakamath@nitk.edu.in Dr. Pruthviraj Umesh, Dept. of WROE, NITK Surathkal Email: pruthviu@nitk.edu.in Prof. Gangadharan KV, Dept. of WROE, NITK Surathkal Email: kvganga@nitk.edu.in Prof. Soumya K Ghosh, Dept. of CSE, IIT Kharagpur Email: skg@cse.iitkgp.ac.in
<i>Position (Full-time)</i>	Junior Research Fellow (1 No.) The appointment will be on a purely temporary basis, co-terminus with the project <ul style="list-style-type: none">• The fellow will be appointed initially for one year (on contract), and the services will be extended for the next year of the project based on the performance review• After completion of two years, the fellow may be awarded SRF after a successful assessment
<i>Essential Qualifications</i>	B.E./B.Tech. and M.E./M.Tech./Equivalent in Computer Science and Engineering/Information Technology/Equivalent discipline, selected through a process described through any of the following: <ul style="list-style-type: none">a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.b. The selection process will be through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, ISER etc.



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	<p>*Candidates must have at least 6.5/10 CGPA or 60 percent marks in aggregate from a recognized technical institute or university as a full-time program.</p> <p>**Those who are pursuing final semester M.E./M.Tech. (with Valid GATE or NET) can also apply. However, they should complete the course at the time of the interview</p>
<i>Desirable Qualifications</i>	<ul style="list-style-type: none">● Good programming skills are a must● Exposure to machine learning/image processing/spatial data analytics/ geoscience is highly desirable● A strong commitment and motivation to pursue research and good communication skills
<i>Age Limit</i>	Preferably below 30 years
<i>Monthly emoluments</i>	Rs. 31,000/- (as per DST norms)
<i>Additional information</i>	The selected candidate is eligible to apply and pursue Ph.D. at NITK Surathkal if selected through the Ph.D. admission process (subjected to fulfilling academic/administrative requirements of the Institute)

Interested candidates may send the **hardcopies** of the signed application in the prescribed format (*provided with this advertisement*), **by speed post** along with self-attested hard copies of the following:

- UG and PG transcripts/semester marksheets
- UG and PG degree certificates
- GATE Scorecard
- Scanned copies of Proof for Research Experience, special achievements, if any
- Publication details (list and reprints of SCI/Scopus indexed journal/conference papers only), if any
- A detailed CV
- Valid ID proof
- Any other related documents

to the following address on or before **November 21, 2022**:

Dr. Shrutilipi Bhattacharjee

Assistant Professor

Department of Information Technology

National Institute of Technology Karnataka (NITK Surathkal)

Srinivasnagar, Mangalore 575025

The same application softcopy, along with the related documents, must also be emailed to the following id: shrutilipi@nitk.edu.in

Declarations:



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- Shortlisted candidates will be intimated to appear for a written test/personal interview/both by email only and must bring all the original documents.
- Selection will be based on qualification, experience, and the candidate's performance in the evaluation process.
- The selection committee's decision is final.
- No TA/DA will be paid to shortlisted candidates for appearing the selection process.
- NITK Surathkal reserves the right to reject any or all applications without assigning any reasons thereof.
- Selected candidates will be required to join immediately.