



**Birla Institute of Technology & Science, Pilani**

**Pilani Campus**

Grants Consultancy and Industrial Research (GCIR)

**CALL FOR RESEARCH STAFF (JRF) POSITION**

**Date: 14 March 2024**

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| <b>About:</b> Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the <b>Science &amp; Engineering Research Board - State University Research Excellence</b> (SERB, F. No. SUR/2022/004456) for a temporary period purely on contractual basis as per the following details: |  |
| <b>Position:</b>  | Junior Research Fellow (JRF)   |
| <b>Number of Vacancy:</b>   | 01   |
| <b>Project Title:</b>   | Experimental and Numerical Study of Saltwater Intrusion Control Measures under Tidal Influence   |
| <b>Funding Agency:</b>  | SCIENCE & ENGINEERING RESEARCH BOARD (SERB)  |
| <b>Principal Investigator (PI):</b>   | Dr. Selva Balaji M, Department of Civil Engineering  |
| <b>Project Tenure:</b>  | 30 Months  |
| <b>Job Description:</b>   | JRF will design and carry out sandbox experiments, numerical modeling, validation and scale analysis. Additionally, candidate will also compare the results with existing models and will propose new models based on findings. The candidate will also write the research papers in indexed journals, conferences and patents.  |
| <b>Qualification:</b>   | GATE qualified candidates with M Tech/M E with a specialization in Hydraulic and Water Resources Engineering/Hydrology/Water Resources Engineering or M Tech in Water Engineering and Management or M Tech in Land and water resources engineering with Agricultural Engineering Undergraduate degree or M Tech in Geomatics/Geoinformatics or M Tech in Earth System Sciences or M Tech in Petroleum engineering or M Tech in Earth and Climate Science or M Tech in Aerospace Engineering or equivalent. NET Lectureship qualified candidates with Postgraduation in Earth Sciences, Mathematics, Remote Sensing, Geology and Oceanography or related fields also can apply.<br><b>Desirable: GATE/NET qualified</b> |
| <b>Upper Age Limit:</b>   | Age not exceeding 30 years as of the date of the interview. Age relaxation is allowed up to 5 years for SC/ST/PH/OBC/WOMEN candidates.   |
| <b>Fellowship:</b>  | 37,000/- (initially first two years) and 42,000 (afterward till the end of the project) per month for <b>GATE/NET-qualified candidates</b> .<br>25,000/-(initially first two years) and Rs 28,000 (afterward till the end of the project) per month for <b>non-NET/GATE qualified candidates</b>   |
| <b>Registration for Ph.D.:</b>  | Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.  |

**How to Apply:**

Applications along with updated CV should be sent through mail to [selva.balaji@pilani.bits-pilani.ac.in](mailto:selva.balaji@pilani.bits-pilani.ac.in) Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project. Please note that only qualified and suitable candidates will be called for an interview.

**Application Deadline: 31 March 2024**

**Contact Email:** [selva.balaji@pilani.bits-pilani.ac.in](mailto:selva.balaji@pilani.bits-pilani.ac.in)

