



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर/INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

अनुसंधान एवं विकास (आर एवं डी)/Research and Development (R&D)

Administrative Building, IIT Bhubaneswar

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Advt. No. : IITBBS/R&D/RP179/Rect/07/2022-23 Date: 27.04.2022

इस संस्थान के पृथिवी, महासागर एवं जलवायु विज्ञान विद्यापीठ में किए गए विशुद्ध रूप से समयबद्ध शोध परियोजना में निम्नलिखित कार्यभार के लिए निर्धारित प्रारूप पर आवेदन आमंत्रित किए जाते हैं/ Applications are invited on prescribed format for the following assignment on purely temporary contract basis in time bound research project undertaken in the School of Earth, Ocean & Climate Sciences of this Institute.

1. अस्थायी पद का नाम/ Name of the Temporary Assignment : **1. Junior Research Fellow (JRF) – 1 position**
2. Research Associate (RA) – 1 position
2. अस्थायी अनुसंधान परियोजना का नाम/ Name of the temporary research Project : "Development of long-term high resolution Land Use Land Cover (LULC) data for Bhubaneswar peri-urban & rural areas and future projection".
3. फंडिंग एजेंसी का नाम/ Name of the Funding Agency : Department of Science and Technology (DST)
4. पारिश्रमिक/ Fellowship : **JRF: ₹ 31,000 + HRA @16% per month (Revised)**
RA: ₹ 47,000 + HRA @16% per month (Revised)
5. योग्यता और अनुभव/ Qualification & Experiences : JRF: Annexure – I
RA: Annexure - II
6. परियोजना की अवधि/ Duration of the project : 4 years (20.02.2019 to 19.02.2023)
7. नियुक्ति की अवधि/ Duration of Appointment : From date of joining to end of project i.e till 19.02.2023.
8. चयन प्रक्रिया/ Selection Process : The selection process will be based on interview.

Interested eligible persons may apply through online application system on or before **16th May 2022.**

To complete the registration process, please visit the Institute's website: www.iitbbs.ac.in. After entering the website, go to the 'Jobs' tab at the top then select the option 'Recruitment for Research Project Work' and fill up the online application form after completion of registration process.

Selection to the post will be done through online interaction only from among the shortlisted candidates. There is no need to send hard copy of the application. The shortlisted candidates will be intimated through email only for online Interaction with the designated Committee through skype/google meet etc.

Sd/
सहा. कुलसचिव(आर एवं डी)
Asst. Registrar (R&D)

Annexure – I for JRF

Qualification and experience:

M.Sc./ M.Tech with 1st class in : Geoinformatics/ Remote Sensing/ Environmental Science/ Climate Sciences/ Computer Sciences/ Atmospheric Sciences/ Mathematics.

OR Graduate Degree in Engineering discipline.

Any of the National Eligibility Tests like CSIR-UGC NET (including Lectureship), GATE, selection process through National Level Examination by Central Govt. Depts. & their Agencies.

Desirables:

- (i) Knowledge of Remote Sensing & GIS Software like ArcGIS, QGIS, GRASS, Erdas Imagine, Envi, Geomatica or similar
- (ii) Knowledge in AI/ML Computer Programming (C, FORTRAN, MATLAB, Ferret/GraDS, Unix/Linux)
- (iii) Experience in Field Data Collection, Analysis & Satellite data processing.

Others:

1. Age Limit: Not more than 28 years.
2. Duration: Project tenure based on satisfactory performance
3. Ph.D. Enrolment: as per Institute norms

Annexure – II for RA

Consolidated Emoluments: INR 47,000 pm + HRA @16% (Revised)
OR
INR 49,000 pm + HRA @16% (Revised) – based on qualification and adequate experience

Qualification & Experience: Ph.D/ M.S

OR

3 years of research/ teaching experience after obtaining M.E./ M.Tech degree with 1 research paper in SCI journal

Disciplines: Geoinformatics/ Remote Sensing/ Environmental Science/ Artificial Intelligence/ Machine Learning/ Climate Sciences/ Computer Sciences/ Physics/ Marine Sciences/ Atmospheric Sciences/ Mathematics/ other Engineering Disciplines

Desirable:

- (i) Knowledge of Remote Sensing & GIS, AI/ML, Computer Programming
- (ii) Experience in Mathematics/ Statistical Modeling, Field Data Collection, processing & analysis.

Others:

1. Age Limit : Not more than 35 years (relaxable as per rule)
2. Duration : Project tenure based on satisfactory performance
3. **Candidates not fulfilling the requirements for RA may be considered for SRF (Rs. 35,000/- pm + HRA @16%), provided:**
They possess 2 years of relevant research/ professional experience after PG for Basic Sciences or after Graduation/ PG for Professional Courses in the above disciplines and qualified preferably in any of the National Eligibility Test/ Exams.