



BITS Pilani

Pilani | Dubai | Goa | Hyderabad | Mumbai
Research & Innovation

**ONE Position of
Cross Disciplinary Research Fellow**

Location: BITS Pilani, Goa Campus

Deadline: 15 October 2023

Joining: At the earliest

Date: 26 September 2023

Applications are invited for **ONE** position of Research Fellow on the project, "Indo-Pacific 41 Countries Seaports & Vessel Traffic Analysis: Optimizing India's Smart Ports & Green Shipping Using AI & ML" under the supervision of Prof. R P Pradhan, Prof. A K Giri and Prof. Hemant Rathore.

This position is applicable only to PhD aspirants. The candidates check the eligibility criteria and qualification process of the Ph.D. program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>).

Scope of work	Essential Qualification	Desirable Qualification
Indo-Pacific Countries Seaports & Vessel Traffic Analysis: Optimizing India's Smart Ports & Green Shipping Using AI & ML. The candidate has to manage project team vessel traffic data lab, vessel traffic analysis, modeling etc on a regular basis.	M.E./M.Tech./B.Tech./B.E. (or equivalent) in Computer Science/ Information Technology/ Electronics and Communication (or allied areas) or M.Sc. in Computer Science / Statistics and Maths or MCA.	GATE or UGC/CSIR-NET qualified candidate. Knowledge of machine learning and deep learning with good programming skills. Orientation for data analysis in maritime sector, social science and geopolitics.

Place of work: BITS Pilani, K K Birla Goa Campus, Goa, India

Fellowship: ₹37,000 - ₹42,000 per month (based on the year of Ph.D. and performance)

Benefits: State-of-the-art infrastructure, computing, and lab facilities with a thriving students, researchers, and teachers community. Single hostel room or married accommodation within the campus (subject to availability).

Duration: As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

Application process: Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using the Google Form <https://forms.gle/CrYbcqHvEsTGYhKG9>

Deadline: 15 October 2023

Preliminary shortlisting will be based on the resume and telephonic/audio-visual interview within a week of the last date of application. The candidate will be informed through email for the final interview. No TA/DA will be provided in case of a personal interview. For more details, please contact:

Prof. R P Pradhan

Department of HSS

BITS Pilani, K K Birla Goa Campus

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<https://www.bits-pilani.ac.in/goa/r-p-pradhan/>