भारतीय समुद्री विश्वविद्यालय
INDIAN MARITIME UNIVERSITY

(A Central University under the Ministry of Ports, Shipping and Waterways, GOI)
Established by an Act of the Parliament in 2008
www.imu.edu.in

Adv No.: IMU/TRK/RP/04/ **Date: 27th July 2026**

Applications are invited from eligible Indian nationals for the position of **One** Junior Research Fellow (JRF) in the Indian Maritime University (IMU) for a sponsored research project.

Title of the Project	Integrated Computer Vision and Degradation Modeling Framework for Submerged Hull Inspections in Marine Structures.
Funded by	Ministry of Port, Shipping and Waterways (MoPSW), Government of India
Principal Investigator	Dr. Tota Rakesh Kumar, Assistant Professor, Indian Maritime Univeristy
Position	Junior Research Fellow – **One**
Age	Not more than 35 years (Relaxation to OBC/ SC/ ST/ PWD/ Women category as per GOI norms). Age relaxation for highly deserving candidates.
Essential Qualification	B.E./B.Tech or M.E./M.Tech in Mechanical, Computer Science, Applied Mathematics, Ocean Engineering, Civil, or allied fields with a strong academic record.
Desired Qualification	1. Experience or strong interest in computer vision and image based damage detection, including the use of deep learning models (e.g., YOLO, CNNs) for defect identification. 2. Proficiency in programming and numerical tools such as Python, MATLAB. 3. Interest in underwater drone (ROV/AUV) based inspection systems and integration of visual data with structural condition assessment.
Emoluments	Rs. 37,000/- + HRA (Years 1–2); Rs. 42,000/- + HRA (Year 3). Hostel accommodation may be provided on a chargeable basis; in such cases, HRA will not be admissible.
Duration of the Project	3 Years. Initially posted for 6 months and extendable depending on satisfactory performance of the candidate and availability of funds.
Application Deadline	**09th August 2026**. Date extendable if desired applications not received.
Application Link	The application for the JRF post are to be filled with the below link https://forms.gle/B2yjUyPD1nJNNGyb9 Those who have already applied for this advertisement need not apply again.
Contact Details	+91-9989403950 +91-9989403950 totarakeshk@imu.ac.in
Additional Benefits	The candidates are provided an opportunity to register for a Ph.D in IMU when selected as a JRF in IMU.

* JRF position is purely temporary and co-terminus with the project tenure.

Terms and Conditions:

- ☞ Only shortlisted candidates will be called for an interview as per IMU norms.
- ☞ Selected candidates will be intimated by e-mail for an offline/online interview.
- ☞ No TA/DA shall be paid for the offline interview.
- ☞ The decision of the selection committee will be final.
- ☞ The selected candidate must join duty immediately upon receipt of the offer.
- ☞ The position is purely temporary and liable for termination with 30-day notice period if performance is not deemed satisfactory.
- ☞ The University reserves the right to fill or not fill the post advertised.
- ☞ For any queries, contact the PI as per the details given in the advertisement.

Sd/-
Director