



Date: 12th August 2025

**NOTIFICATION FOR THE ENGAGEMENT OF JUNIOR RESEARCH FELLOW FOR A
PROJECT AT SCHOOL OF MARINE ENGINEERING AND TECHNOLOGY**

Applications are invited for the selection of Junior Research Fellow (JRF) to work under the sponsored project, under the Principal Investigator **Dr. Deepak Mishra**, Assistant Professor, School of Marine Engineering and Technology, Indian Maritime University, Kolkata Campus, P – 19, Taratalla Road, Kolkata, West Bengal - 700088.

Title of the Project and duration	Design and Development of an Innovative Methodology for Advanced Assessment of the Lubricating Oil Performance Based on Frequency Domain Spectroscopy Used for Marine Applications (3 years)
Funding Agency	Ministry of Port, Shipping and Waterways, Govt. of India
Investigators	PI: Dr. Deepak Mishra , Assistant Professor, School of Marine Engineering and Technology, Indian Maritime University, Kolkata Campus Co-PI: Dr. Arijit Baral , Associate Professor, Department of Electrical Engineering, IIT (ISM) Dhanbad
Position	Junior Research Fellow – One.
Age	Not More than 35 years (Relaxation to OBC/SC/ST/PWD/WOMEN category as per GoI norms)
Essential Qualifications	B.Tech or B.E. in Electrical Engineering/High Voltage Engineering/Power Engineering/Instrumentation Engineering/Electronics Engineering/Mechanical Engineering (having good idea of instrumentation) or equivalent discipline and Master's Degree in relevant fields from reputed institutions with a good academic record [Publications in indexed journals in the above area is desired]
Desirable Skills	Candidates should have sufficient knowledge of coding (preferably in MATLAB or Python) and possess a good understanding of LabVIEW.
Emoluments	Rs. 37,000/ p.m. (Rupees Thirty-Seven Thousand only) Hostel accommodation may be provided at the institute based on availability on a chargeable basis. In case of non-availability of institute hostel, admissible HRA as per item no. 2, point iii in the DST O.M. dated 26 th June, 2023(https://dst.gov.in/sites/default/files/1687843045_Revision_of_emoluments_OM.pdf)
Duration	Initially for 6 months and extendable depending on satisfactory performance of the candidate and availability of funds.
Last Date & Time	Application Deadline: August 30, 2025
Application Procedure	Interested and eligible candidates are requested to email their CV, mark sheets, certificates, experience certificates, recommendations etc. in a .zip file to the Principal Investigator at dmishra@imu.ac.in on or before 06 PM, August 30, 2025
Additional information	Shortlisted candidates will be notified via email regarding their interview.

JRF position is purely temporary and co-terminus with the project tenure. The JRF will be encouraged to enroll for Ph.D. at Indian Maritime University subject to fulfillment of criteria.

Deepak Mishra
12/08/2025
Signature of PI

DIRECTOR
[Signature]
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