



# Indian Maritime University

Chennai

(A Central University under the Ministry of Ports Shipping and Waterways,  
Govt. of India)

## GUIDELINES FOR UNIVERSITY FULL TIME PH.D. FELLOWSHIP FOR ACADEMIC YEAR 2023

### Objective of the Fellowship

- To promote research culture in Indian Maritime University.
- To encourage meritorious, full time research scholars by providing research fellowship for carrying out research in thrust areas in Maritime Domain.
- To nurture talents/skills for technical research, innovation and development and cater to the needs of maritime sector and bring benefits to the society as a whole.

### Current topics of research for the JRF

- UArctic Region Policy related studies;
- Disaster Management - Port/Inland Waterways/ offshore;
- Plastic removal from port water fronts and river: Numerical modelling;
- Seafarer health study on Occupational health and safety (e.g. actigraph usage on local fisherman population, etc.);
- Oil spill dispersal and digestion: Biochemical solutions-based modelling;
- AR/VR applications in training modules;
- Port led industrialization: Development of a sustainable model (e.g. Port community system, etc.)

**Note:** the above topics are illustrative; the exact title shall be finalized in due course.

### Other possible Research Areas

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| <ul style="list-style-type: none"> <li>• Marine Security;</li> <li>• Green technology -Tidal energy/renewable energy;</li> <li>• Blue economy;</li> <li>• Maritime/ Port Management;</li> <li>• Naval Architecture;</li> </ul> | <ul style="list-style-type: none"> <li>• Autonomous shipping and the possible challenges e.g. cyber threats (cyber security);</li> <li>• Cyber security risk assessment for seaports;</li> <li>• Seafarer mental health and well-being;</li> <li>• Marine Environment:</li> </ul> | <ul style="list-style-type: none"> <li>pollution/ litter management; Recycling, etc.</li> <li>• Marine ballast water system studies;</li> <li>• Marine bunker system studies;</li> <li>• Marine electric propulsion system</li> </ul> |
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studies

### **Eligibility Criteria**

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- a. The fellowship shall be granted to full time research scholars admitted in Indian Maritime University.
- b. The candidate must have cleared Common Entrance Test (CET) to be conducted for IMU Ph.D. Admission.
- c. The candidate must have secured minimum of 60% or CGPA 6.0 on the scale of 10 or equivalent in relevant post graduate degree.
- d. The candidate should be less than 35 years of age as on last date of the Ph.D. application date. However, age relaxation would be applicable to candidates belonging to OBC, SC/ST as per Govt. of India Policy.

### **Duration of the Fellowship**

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The duration of the fellowship shall be for a period of 5 Years. The candidate shall be provided a fellowship of Rs. 31,000/- per month for first two years and Rs. 35,000/- per month for the remaining 3 years.

### **Intake of Fellowship**

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The total number of candidates selected under Fellowship per year is fixed to Six (06) per year. Preference shall be given to women candidates.

### **Selection Methodology**

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The Selection process shall be same as Ph.D. Admission i.e., based on the score in Common Entrance Test (CET) and performance in Interview to be conducted by Department Committee. The weightage (Test and Interview) can be seen in IMU's Ph.D Guidelines available in IMU website.

### **Terms and Conditions**

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- a. The Ph.D rules/regulations of the IMU and payment of tuition fees and other fees shall be applicable to all admitted candidates under this scheme.
- b. Apart from the regular reports of the Guide and DC, the awardee shall submit an annual report on the progress, each year through the Guide and DC members.
- c. The extension for each year shall be granted upon recommendation of the same from the concerned DC. If the progress of the candidate is not satisfactory as reported by the Guide and DC members of the candidate, the fellowship of the candidature shall be terminated with immediate effect. This shall not be revoked under any circumstances.
- d. if the Candidate has been engaged for a specific project undertaken by IMU then he/she shall

be required to execute a bond for 1 year from the date of engagement for that project. During this period the Candidate shall not be permitted to exit the project.

- e. The scholar should not involve in any disciplinary/ legal action /proceedings/ financial penalties during his/her research period/career in the University.
- f. The Conduct rules of the IMU shall be applicable to the selected research scholars under this fellowship.
- g. The selected scholar shall not accept or hold appointment, paid or otherwise, during the tenure of the award. He/she may, with the approval of his/her Supervisor and the Head of the Department concerned, undertake an approved teaching assignment in of five to six hours in a week in IMU without any additional remuneration.
- h. The candidate has to publish at least one research paper in indexed journals as prescribed/accepted by the University per year during the period of research.
- i. If the candidate desires to discontinue, he/she shall have to give a notice of at least three months.