

Advertisement No.: IITM/MoES/JKd/541/01

Date: 30-07-2025

Project No.: IITM/MoES/JKd/541

Applications are invited for the multiple following posts (temporary) from Indian nationals for the project related to Marine Robotics. The project position is initially upto 12 months, and the renewal of services up to the project duration will be based on satisfactory performance.

Title of the Project	Design and development of Modular Hybrid Underwater Vehicle (Modular-HUV) prototype for lentic, riverine, coastal, and deep ocean applications	
Funding Agency	Deep Ocean Mission Ministry of Earth Sciences (MoES)	
Name(s) of the Project Investigator(s)	Dr. Jagadeesh Kadiyam	
School/Center	Centre for AI and Robotics	
Duration of the Tenure	12 months (extendable up to the project duration, subject to performance)	
Post (s)	Consolidated Pay-slab / Salary	Minimum Qualifications
JRF/Project Associate-I (No. of positions: 03) Job profile: The selected candidate will perform R&D in the areas of Marine Robotics, specifically towards the modelling, design synthesis, analysis, and development of underwater vehicles and subsystems	Rs. 37000 per month (for JRF) or Rs. 30000 per month (Project Associate-I) plus HRA if applicable	B.E/B.Tech/M.Tech./M.E or equivalent in Aeronautics/Aerospace/Electrical/Electronics/ Instrumentation/ Mechanical/ Production/ Mechatronics/Robotics/ Naval Architecture/ Marine/Computer Science/ IT/ AI or Data Science Engineering or equivalent in the related areas <i>*Note: For the JRF position, the candidate should qualify NET/GATE</i> <u>Desirable Experience</u> <ul style="list-style-type: none"> Experience in working with manipulators and other robotic systems with mathematical and solid modelling (CAD) knowledge. Design of basic electronics circuits and embedded system integration. Good knowledge of embedded system hardware, feedback control, computer vision, PCB design, and computer networking.

Senior Research Fellow (No. of positions: 01)	Rs. 42000 per month (for JRF) or Rs. 33000 per month (Project Associate-II) plus HRA if applicable	Qualification prescribed for JRF/ Project Associate-I with two years of research experience.
Research Associate -I (No. of positions: 01)	Rs. 58000 per month plus HRA if applicable	Ph.D. or equivalent degree in fields mentioned above or having 3 years of desirable and relevant research/teaching and design and development experience after ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.

The candidates who are interested in the above post can [apply here](#). The candidates are required to attach their complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, e-mail address of two referees, information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc. as pdf attachment. If any clarification is required regarding the above posts, the candidate may contact jagadeesh@iitmandi.ac.in.

IIT Mandi reserves the right to fix higher or lower criteria for shortlisting/selection or call for written test/interview of eligible candidates from those satisfying the advertised qualifications and requirements of the project post without any further explanation or any justification in this regard. The shortlisted candidates will be contacted individually with the additional details.

The last date for the application is 17th August, 2025 by 11.59 p.m.