

No. IITM /SRIC/Project No IITM/SERB/SUS/468/2024

Date: 29/02/2024

**Advertisement No.: IITM/SRIC/Project IITM/SERB/SUS/468/2024**

Applications from Indian nationals are invited under the following project on temporary basis with consolidated salary. The renewal of services for few months/a year or up to the duration of the project will be based on satisfactory performance. The initial appointment will be for a period of 3 months or the end of the project (whichever is earlier).

<b>Title of the Project</b>	Physics-informed Neural Network (PINN)-based component wise condition assessment approach for floating offshore wind turbines (FOWT) using non-intrusive sensor measurements.
<b>Funding Agency</b>	DST-CRG
<b>Name(s) of the Project Investigator(s)</b>	Dr. Subhamoy Sen
<b>School/Center</b>	School of Civil and Environmental Engineering
<b>Duration of the Project</b>	In months: 36 Months End date: (27-02-2027)
<b>Name and No. of Posts</b>	Junior Research Fellow (JRF), 01 No.
<b>Salary</b>	Max. Up to Rs 37,000/- per month (consolidated)
<b>Minimum Qualification (Essential)</b>	Bachelor degree or higher in civil, mechanical, aerospace, computer/data science engineering or equivalent. GATE qualification.
<b>Desirable Qualifications / Experience</b>	<ul style="list-style-type: none"><li>· Expertise in programming languages like Python, MATLAB, etc.</li><li>· Strong background in machine learning and deep learning.</li><li>· Proficient in statistical analysis and research methodologies.</li><li>· Familiarity with research tools, data collection tools, sensors, or instrumentation.</li><li>· Excellent problem-solving, critical thinking, and analytical skills.</li><li>· Outstanding written and verbal communication skills, as well as interpersonal skills.</li><li>· Ability to work independently and collaboratively within a team.</li></ul>

भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्द – 175075, ज़िला – मण्डी,  
हिमाचल प्रदेश, भारत



**Indian Institute of Technology Mandi**  
**Kamand – 175 075, District – Mandi,**  
**Himachal Pradesh, India**

The candidates who are interested to apply for the above post should send the complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, email address of two referees, information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc. as pdf attachment **by e-mail with advertisement No. on the subject line to the PI Dr. Subhamoy Sen at email id: [teami4s.iitmandi@gmail.com](mailto:teami4s.iitmandi@gmail.com)** .

IIT Mandi reserves the right to fix higher criteria for shortlisting of eligible candidates from those satisfying advertised qualifications and requirement of the project post. The name of the shortlisted candidates will be either displayed on website or communicated individually alongwith **the offline/online interview details**.

Relaxation of marks may be granted to the SC/ST Candidates as per GoI norms. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing GoI rules/norms. **The last date for submitting the completed applications by email is 15<sup>th</sup> March, 2024 by 5.00 p.m.** In case any clarification is required on eligibility regarding the above post, the candidate **may contact at email id: [teami4s.iitmandi@gmail.com](mailto:teami4s.iitmandi@gmail.com)** .