**ADVERTISEMENT FOR RECURITMENT OF JRF FOR “INTELLIGENT UNDERWATER ROBOT FOR TARGET DETECTION” PROJECT**

Applications are invited from the citizens of India for a Junior Research Fellow (JRF) position for the project **‘Intelligent Underwater Robot for Target Detection’** under NM-ICPS: IIT Guwahati sponsored by DST, Govt. of Odisha in the Department of Mechanical Engineering, OUTR Bhubaneswar (Formerly CET Bhubaneswar). A **walk-in interview will be held for shortlisted students** on **19.08.2023** in the Department of Mechanical Engineering at 10.30 AM. This **temporary position** is initially for a period of **11 months** and tenable only for the duration of the project. The requisite qualification, experience, etc. are given below:

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| 1 | Title of the Project  | **Intelligent Underwater Robot for Target Detection** |
| 2 | Duration of the Project | 3 Years (2022 to 2025) |
| 3 | No of Vacancies | 01 |
| 4 | Funding Agency | NM-ICPS: IIT Guwahati-DST Govt. of India  |
| 5 | Principal Investigator | 1. Prof. Saroj Kumar Pradhan (PI)
2. Prof. Samarjit Patnaik (Co-PI)
3. Prof. Anjan Kumar Sahoo (Co-PI)
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| 6 | Minimum Qualification  | M.Tech/M.E. in Electronics/Mechatronics/Robotics/Sensor and Actuator/ Mechanical Engineering/Electrical Engineering/Instrumentation Engineering/ CSE/IT with minimum 60% marks or equivalent CGPA. |
| 7 | Desired Qualification | 1. GATE qualified candidates with valid score will be preferred.
2. Sound knowledge of Embedded Systems Design/ Solid works / Mathematical Modeling of 2D/3D modeling using Fluent-ANSYS/COMSOL and Computer Programming in any of the scientific computing languages (MATLAB/C/C++), and Research Publication (Optional).
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| 8 | Salary | Rs. 31000/- per month (consolidated)  |
| 9 | How to Apply | Eligible and interested candidates may apply with their CV by filling the google form: <https://bit.ly/INTELROBOT> on or before 16/08/2023. |
| 10 | No Objection Certificate | Employed candidate are to submit NOC from his/her employer at the time of interview, and if selected, then they need to produce the relieve order from their parent organisation at the time of joining. |
| 11 | Interview procedure | Short-listed applicants may be invited (via email) for personal interview to be held in the Mechanical Engineering Department, OUTR, Bhubaneswar on 19/08/2023 |
| 12 | PhD opportunity | Selected candidate may get an opportunity for admission to OUTR PhD program subject to the clearance of PhD admission test and procedure as per OUTR PhD regulation. |
| 13 | Documents to produce on date of interview | A detailed Bio-data, all original certificates and mark sheets (starting from 10th to M.Tech / MSc) for verification. Must submit 2 set of photo copies of Adhar Card, GATE Score card and other relevant documents in support of any research/publication/project experience and the degree certificates. |
| 14 | Institute Rights | Institute reserves the right of cancelling the requirements without assigning any reason. A suitable committee by PI/Co-PI will review the progress of the selected candidate on time-to-time basis to access the progress made. |
| 15 | Agreement signing | Selected candidate shall have to sign an agreement at the time of joining in a non-judicial stamp paper for his/her continuation (based on the progress report) in the project for at least 06 months or until completion of the project, whichever is earlier. |
| 16 | Other Information | 1) No TA/DA will be paid for attending the campus interview.2) For other queries, contact Prof. Samarjit Patnaik at patnaik.samarjit@outr.ac.in |

Sd/-

**REGISTRAR**