



NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008 (ODISHA)
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2022/Advt-19ME-EE071/L/011, dt.05.05.2022

Applications are invited on prescribed format for the following assignment in a purely time bound research project (**Code: SR/19/ME-EE/071**) undertaken in the **Department of Mechanical Engineering** of the Institute.

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| 1. | Name of the Temporary Post & No.: | Junior Research Fellow – 1 no. |
| 2. | Name of the Research Project: | Localization of autonomous underwater vehicle for offshore monitoring, maintenance and exploration. |
| 3. | Name of the Sponsoring Agency: | SERB, DST |
| 4. | Tenure of the Project: | 19.02.20 to 18.02.23 |
| 5. | Tenure of the Assignment: | 09 Months (may be extended by the approval of the competent authority) |
| 6. | Job Description: | i) Modelling, simulation and fabrication of autonomous underwater vehicle. ii) Assist the PI in preparation of reports related to the research work iii) Other works related to the project |
| 7. | Consolidated monthly Salary/ Fellowship: | Rs. 31,000/- per month (1 st & 2 nd Yrs) and Rs. 35,000/- per month (3 rd yr.) |
| 8. | Essential Qualifications and experience: | The applicants should hold a M.Tech/M.E degree in Mechanical/Electrical/Mechatronics Engineering. |
| 9. | Desirable Qualifications/ Experiences : | The applicant should have sound knowledge in mathematics with skills in computer programming. Understanding of basic engineering-mechanics is helpful. |
| 10. | Selection Process | Interview |
| 11. | Accommodation: | Bachelor accommodation in the Institute may be provided and campus accommodation may be provided to married students subject to availability. |
| 12. | Last date of application | 31 st May, 2022 |

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : **Dr. Haraprasad Roy, Assistant Professor**
Address: Department of Mechanical Engineering,
National Institute of Technology (NIT), Rourkela
Rourkela- 769008.
Telephone No: +91-661-246-2526 (office), Mob: 9437437560
E-mail: royh@nitrkl.ac.in / hroy77@rediffmail.com

Date and Time for **On-line / Walk-in** Interview: **Will be notified later.**

Place of Interview: Department of Mechanical Engineering,, **NIT Rourkela**

Eligible candidates may apply within **31.05.2022, 23:59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to royh@nitrkl.ac.in / hroy77@rediffmail.com .The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any) etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator royh@nitrkl.ac.in / hroy77@rediffmail.com **on or before 31.05.2022, 23:59 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be cancelled in case of any suppression of information / document provided earlier.

Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project.

Sd/-
Asst. Registrar (SR)

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
- 2) **Dr. Haraprasad Roy**, Principal Investigator with a request to give wide publicity to advertisement.
- 3) Head of the Department, ME.
- 4) Project file.