



# Delhi Technological University

Established by Govt. of Delhi vide Act 6 of 2009  
(Formerly Delhi College of Engineering)

Bawana Road, Delhi-110042, INDIA

Advertisement No. DTU/IHFC/02

Dated: 28/02/2022

## ADVERTISEMENT TO FILL UP PROJECT POSITIONS (SRF)

An interview for filling of project positions as per details given below for the Innovation Hub Foundation for Cobotics (IHFC), IIT Delhi sponsored Project under Principal Investigator- Prof. Vikas Rastogi, Mechanical Engineering Department, Delhi Technological University (DTU) and Co-investigator- Prof. P.M. Pathak, Mechanical Engg. Department, IIT, Roorkee is scheduled to be held on 14<sup>th</sup> March, 2022 in the physical/online mode in Mechanical Engg. Department, DTU.

1. **Title of Project:** *Design and development of an intelligent unmanned aerial vehicle applied to open cast minefield surveillance for real-time monitoring, hazards and vulnerability assessment*

2. **Project Sponsoring Agency:** *The Project is sponsored by Technological Innovation Hub for Cobotics, IIT Delhi for a period of 3 years.*

### 3. Details of Project Positions:

| Sl. No | Designation | Minimum Qualifications  | Experience   | No | Monthly Stipend (Rs.)                               |
|--------|-------------|---|--|----|---|
| 1.     | SRF         | a) BE/B.Tech. in Mechanical Engg. And allied branch/Electrical/CS /Electronics Engg./ Engg. Physics or Equivalent. <b>AND</b> M.E./M.Tech. in Mech. and allied branch Mechatronics/ Robotics/ Design Engg./ Electronics /Electrical /CS or any related branch.<br>b) 1 <sup>st</sup> Division at B.E./M.E. levels<br><b>Desirable:</b> NET/GATE Qualified | Expertise in area of robotics/Drone applications/hardware design/ Product Design innovation/fabrication/ Software as per project requirements. | 01 | Rs. 35,000/-<br><b>(Consolidated including HRA)</b> |

4. **Age limit:** 35 years for SRF. Age relaxation for candidate belonging to SC/ST/PH/OBC categories as per government norms.

5. **Duration:** Appointment to the SRF post shall be initially for six month duration and can be extended to Duration of the Project.

### 6. Job description:

|    |                                 |   |
|----|---------------------------------|---|
| a. | SRF<br>(Senior Research Fellow) | <ul style="list-style-type: none"><li>• For conceptual design/fabrication/software development /avionics work.</li><li>• To perform pilot study, report writing and project related work as assigned time to time.</li><li>• The selected candidate will not be entitled to any other allowances like TA, DA, medical benefits or any others benefits.</li><li>• Annual Satisfactory Assessment is mandatory to continue the benefit of the fellowship during the period of project. Termination of the candidate anytime is on the sole discretion of the committee or Principal Investigator of project due to unsatisfactory performance.</li><li>• The selected candidate shall be governed by the disciplinary regulations of the DTU.</li></ul> |
|----|---------------------------------|---|

|   |  |   |
|---|--|---|
|   |  | <ul style="list-style-type: none"> <li>• The selected candidate must send a report of the research work done during the period of fellowship as may be asked by IHFC, IIT Delhi.</li> <li>• Participation in any workshops/scientific event/conferences/visit to any organization or academic institution for project work in India will be treated as “on duty” with prior approval of the competent authority/PI.</li> <li>• The candidate may be offered Ph.D. registration in DTU as per the ordinances/guidelines of Ph.D. admission.</li> </ul> |
| <p><b>Note:</b> The completion of the research project being time-bound, preference will be given to candidates who are willing to join the Project with immediate effect and willing to work beyond the call of normal duty.</p> |  |   |

- Candidates before appearing for interview shall ensure that they are eligible for the position, they intend to apply.
- Candidates desirous to appear for the interview should electronically send a set of self-attested copies of all certificates, testimonials, the latest CV and passport sized colour photograph along-with original documents. The Applications should include:
  - Details of degree/certificate obtained starting Class X clearly indicating the aggregate percentage/CGPA.
  - Relevant Experience in research, academic and Project work
  - Application should be made on pdf document giving name, address, parents’ name, telephone no., E mail address, date of birth, a recent photograph, details of academic qualification (from class 10th onward, with copies of all marksheets/ certificate, etc.) and a brief a write up on previous research experience, if any.
  - This temporary appointment will be for a specific period and their services will automatically stand terminated either with the termination of the project/scheme or even before at the discretion of the competent authority.
  - The appointment will not be bestowed upon them any claim for regular employment.
- The details of the interview will be shared on e-mail/telephone.
- Candidates should also bring no objection certificate from the Employer in case he/she is employed somewhere.
- The competent authority reserves the right to reject the candidature of any or all the candidates with assigning any reason thereof.

**Application Procedure:** The application containing cover letter, detailed CV with recent photograph in a single pdf file should reach on and before **10<sup>th</sup> March, 2022** through e-mail only at [vikasrastogi@dtu.ac.in](mailto:vikasrastogi@dtu.ac.in) Only the shortlisted candidates will be intimated for the online/physical interview in the due course of time through e-mail/telephone only.

**Contact Details:** Prof. Vikas Rastogi, Principal Investigator, Department of Mechanical Engineering, Delhi Technological University (DTU), Delhi-110042  
E-mail: [vikasrastogi@dtu.ac.in](mailto:vikasrastogi@dtu.ac.in)

28-02-2022  
(Prof. Vikas Rastogi)  
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