

**CENTRE FOR RESEARCH AND CONSULTANCY,
HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE
RECRUITMENT OF JRF**

Date: 24-03-2026

Ref: No. HITS/AERO/SIMCRASH/JRF/2025-2026
Vacancy Position: Junior Research Fellow (JRF) - 02

Applications are invited from Indian Nationals for a temporary position Junior Research Fellow – 01 for a period of one year as per the details given below, for the research project under the **Principal investigator Dr. K. Ramajeyathilagam, Senior Professor, Structural Impact and Crash Simulation Centre (SIMCRASH), Department of Aerospace Engineering, Hindustan Institute of Technology and Science (HITS), Padur, Chennai-603103, Tamilnadu**, Email: tsivag@hindustanuniv.ac.in and krama@hindustanuniv.ac.in

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|---|---|---|---|
| 1 | Title of the Project | : | Fatigue Spectrum Analysis of ADC-150 Container Due to Repeated shock and Vibratory Loads. |
| 2 | Funding Agency for the Project | : | NSTL/ADC |
| 3 | Project designation | : | Junior Research Fellow (JRF) |
| 4 | Number of positions | : | JRF: 02 |
| 5 | Duration | : | 12 months |
| 6 | Qualification | : | <u>Essential Qualification Junior Research Fellow (JRF)</u> 1. M.Tech / M.E in Aeronautics / Mechanical/ Ocean Engineering with the bachelor degree in Aeronautical / Mechanical / Ocean Engineering. <u>Desirable Qualification for (JRF)</u> 1. Knowledge in handling Fatigue Analysis Experimental and Numerical. 2. Knowledge of Structural mechanics and Finite element method 3. Knowledge of LSDYNA explicit code and FEM Analysis preferred. |
| 7 | Consolidated Emoluments throughout the tenure | | Junior Research Fellow (JRF): Rs. 46,990 /- |

The candidate selected as Junior Research Fellow (JRF) is eligible to register for pursuing Ph.D by Research programme as per HITS regulations and selection procedures.

- (i) Interested candidates should submit their applications with the following documents to the office of the above mentioned Principle Investigator through Registered Post /email
- (ii) Application should be furnished only in the prescribed format given.
- (iii) Mention experience including research, industrial field and others.
- (iv) Enclose attested copies of degree certificate and experience certificate.
- (v) Shortlisted candidates will be called for the interview. Candidates shall bring along with them the original certificates at the time of interview for verification.
- (vi) Please note that no TA/DA is admissible for attending the interview.
- (vii) The last date of submission of duly filled in application through mail and post is 20.04.2026. **The application should be submitted only in the prescribed format.**
- (viii) The selected candidate should join within 7 days of receiving appointment order.

Dr. K. Ramajeyathilagam
Principal Investigator

CENTRE FOR RESEARCH AND CONSULTANCY
HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

**ADVERTISEMENT IN HITS WEBSITE FOR RECRUITMENT OF
Junior Research Fellow (JRF)**

APPLICATION FOR THE POST OF Junior Research Fellow (JRF)

| 1. Name of the Candidate in full | | | | | |
|---|------------------------------|-------------------|-------------------------|-----------------|------------------|
| 2. Nationality | | | | | |
| 3. Mother Tongue | | | | | |
| 4. Date of Birth | Date | Month | Year | | |
| 5. Sex | Male / Female | | | | |
| 6. Marital Status | Married / Single / Separated | | | | |
| 7. Category SC / ST / OBC / General | | | | | |
| 8. Address for communication with Mobile number and E Mail ID | | | | | |
| 9. Project Title | | | | | |
| 10. Name of the Post applied for | | | | | |
| Academic Career: Enclose photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPA from HSC onwards | | | | | |
| Name of Exam | School / University | Board/ University | Broad subjects of study | Year of passing | % of marks/ CGPA |
| SSLC | | | | | |
| HSC | | | | | |
| Graduation | | | | | |
| Post-Graduation | | | | | |
| PhD | | | | | |
| Any other | | | | | |

Enclose self-attested Xerox copies

11. GATE Score If any.....

SubjectYear.....

12. Work Experience, if any

| Organization | Designation | Duration | | Nature of job |
|--------------|-------------|----------|----|---------------|
| | | From | To | |
| | | | | |
| | | | | |
| | | | | |

13. Previous Research work and publication, if any (enclose copies of published or unpublished work)

14. Reference

| Name | Address | Contact number and Email id |
|------|---------|-----------------------------|
| | | |
| | | |

15. **Declaration:** I do hereby declare that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date:

Full signature of the Applicant

- List of Enclosures: 1)
2)
3)
4)