

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

Date: 17-12-2024

Ref: No. HITS/AERO/SIMCRASH/JRF/2024-2025

Vacancy Position: Research Associate (RA) – 01 & Junior Research Fellow (JRF) - 02

Applications are invited from Indian Nationals for a temporary position of Research Associate – 01 & Junior Research Fellow – 02 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**, The candidates are requested to submit the application through GOOGLE FORM using the following link <https://forms.gle/ooNqq2pxqyRpAzAx6>

1	Title of the Project	:	Development of shock standards and guidance for two different marine vessels through numerical simulation
2	Funding Agency for the Project	:	Naval Science and Technological Laboratory, DRDO, Ministry of Defence
3	Project designation	:	Research Associate (RA) & Junior Research Fellow (JRF)
4	Number of positions	:	RA: 01 & JRF: 02
5	Duration	:	12 months
6	Qualification	:	<p><u>Essential Qualification for Research Associate (RA)</u></p> <p>1. PhD in Aeronautical / Mechanical / Ocean Engineering with M.Tech / M.E in Aeronautics / Mechanical/ Ocean engineering and the bachelor degree in Aeronautical / Mechanical Engineering/Ocean Engineering</p> <p style="text-align: center;">Or</p> <p>M.Tech / M.E in Aeronautics / Mechanical/ Ocean Engineering with the bachelor degree in Aeronautical / Mechanical / Ocean Engineering with three years of experience in finite element analysis</p> <p><u>Essential Qualification Junior Research Fellow (JRF)</u></p> <p>2. M.Tech / M.E in Aeronautics / Mechanical/ Ocean Engineering with the bachelor degree in Aeronautical / Mechanical / Ocean Engineering.</p> <p><u>Desirable Qualification for (RA & JRF)</u></p> <p>1. Knowledge of Structural mechanics and Finite element method</p> <p>2. Knowledge of LSDYNA explicit code and FEM Analysis preferred.</p> <p>3. Knowledge about marine structures (Ships/ floating vessels)</p>
7	Consolidated Emoluments throughout the tenure		Research Associate (RA): Rs. 69,850/- Junior Research Fellow (JRF): Rs. 39,370/-

- (i) 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.
- (ii) Interested candidates should submit their applications with the following documents to the office of the above mentioned Principal Investigator through Registered Post /google form
- (iii) Application should be furnished only in the prescribed format given in google form.
- (iv) Mention experience including research, industrial field and others.
- (v) Enclose attested copies of degree certificate and experience certificate.
- (vi) Shortlisted candidates will be called for the interview. Candidates shall bring along with them the original certificates at the time of interview for verification.
- (vii) Please note that **no TA/DA** is admissible for attending the interview.
- (viii) **The last date of submission of duly filled in application through google form and post is 30-12-2024. The application should be submitted only in the prescribed format.**
- (ix) The selected candidate should join within 7 days of receiving appointment order.

Dr. K. Ramajeyathilagam
Principal Investigator

Dr. Susan Elias
Director (Research)

CENTRE FOR RESEARCH AND CONSULTANCY
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**ADVERTISEMENT IN HITS WEBSITE FOR RECRUITMENT OF Research Associate
(RA) & Junior Research Fellow (JRF)**

<p>For Office Use only</p> <p>Serial Number allotted to the Applicant.....</p> <p>Signature of the Application Screening Committee Chairman</p>	<p>Paste here your recent passport size colour Photograph</p>
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APPLICATION FOR THE POST OF Research Associates (RA) & 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)