



**Recruitment Advt. No: IITDH/R&D/8.65/MMAE/SPR/ DRDO-ARDB/2021-22**

**03/02/2022**

IIT Dharwad is an Institute of National Importance created by an Act of Parliament in 2016. IIT Dharwad has been steadily establishing its operations in its present campus while at the same time, master plan development and construction of permanent campus infrastructure are also in progress. To cater the Institute's temporary requirement under a project in the Department of Mechanical, Materials and Aerospace Engineering; IIT Dharwad intends to hold a selection process (In-person/Online based on the COVID guidelines at the time) for the following temporary position:

S. No.	Particulars	Details
1.	Name of the Position	Junior Research Fellow (JRF)
2.	Number of Positions	01
3.	Essential Qualification	B. Tech/M. Tech/MCA/MSc/MS degree in Mechanical/Aerospace Engineering (Fluid/Thermal stream) from an accredited institution AND selected through GATE in ME or allied streams. Candidates who have been selected through CSIR-UGC NET (Assistant Professorship) or those who have been selected by central Govt. Departments and their agencies and institutions such as IISc, IISER, DRDO, DST etc. are also eligible.
4.	Desirable qualification	Experience in experimental work related to fluid mechanics and prior exposure to flow visualization techniques using laser-based diagnostics would be preferable.
5.	Consolidated Emoluments	Rs. 31,000 per month + HRA
6.	Duration of the project	Max. 24 months
7.	Tenure of appointment	The appointment for the above contractual position will be initially for 01 (one) year, which can be further extended subject to satisfactory performance.
8.	Age Limit	Not exceeding 35 years as on the date of selection process.

**Job Description:**

S. No.	Project Code and Title	Job Description
1.	MMAE/SPR/MOD/2021/8.65 Investigation of T-vaporiser atomization performance - effect of internal geometry.	The project involves primarily experimental work on the investigation of the working of an afterburner component and also data-processing and analysis - building predictive tools. (DRDO-ARDB project) 1. Experimental work related to Fluid Mechanics 2. Design and develop (fabrication) experimental setup for the required study 3. Travel to central facility at IISc, Bangalore to conduct parts of the study 4. Well-versed in MATLAB for data analyses and CFD tools for simulation 5. Report and Presentation of the conducted work 6. Administrative activities related to the project

**Details of the Selection Process:**

S. No.	Particulars	Details
1.	Date	Last date to submit application form: 24 <sup>th</sup> February 2022 Tentative date of selection process: 2 <sup>nd</sup> March 2022 (If there is any change in the schedule, it will be notified on the IIT Dharwad website)
2.	Selection process	Link to application form: <a href="https://forms.gle/kiNQxJCSSEM4hncb7">https://forms.gle/kiNQxJCSSEM4hncb7</a> Applications will be initially screened, and based on the screening, only the shortlisted applicants will be called for an interview. Mere fulfilment of minimum eligibility will not bestow the right for shortlisting, IIT Dharwad reserves the right to screen and shortlist candidates by introducing higher benchmarks. Emails will be sent to all shortlisted candidates.
3.	Schedule	Date and Time slots will be communicated through email.
4.	Documents Required	Applicant should have all original certificates including mark sheets (matriculation onwards), experience certificate(s), monthly emoluments/salary drawn, and all other relevant documents (including one set of self-attested certificate(s)/document(s) and updated Curriculum Vitae.

**General Instructions to the applicants:**

1	Selected candidates shall not have claim on any regular position and shall not be bestowed any of the privileges like Housing, Medical Facility and Other benefits available to regular employees of the Institute.
2	Applicants are advised to ensure, before appearing for Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from recognized University/Institute. Eligibility in terms of age, qualification and experience of a candidate shall be considered as on the date of Selection Process.
3	The number of vacancies indicated in the notification is tentative. IIT Dharwad reserves the right to increase or decrease the number of advertised posts at the time of selection. Further, IIT Dharwad reserves the right to NOT fill any of the posts advertised.
4	No TA/DA will be paid for attending the Selection Process.
5	In case of any inadvertent mistake in the process of selection, which may be detected at any stage even after issue of the appointment letter, the Institute reserves the right to <i>modify, withdraw</i> or <i>cancel</i> any communication made to the Applicants.
6	After joining the service of the Institute, the person(s) will have to abide by the Rules, Regulations, Ordinances, Statutes and Act of the Institute applicable from time to time. He/She may be assigned any duty within or outside the Institute depending upon the exigency of the work.
7	The Institute shall verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake, or the person has a clandestine antecedents or background and has suppressed the said information, then his/her services shall be terminated forthwith and legal action may be initiated against such candidates/employees.
8	No interim correspondence whatsoever will be entertained from the candidates.
9	Canvassing in any form or bringing in any influence political or otherwise, will be a disqualification for the post.
10	In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
11	For a query related to Selection Process, applicant may send e-mail to any one of the following IDs: <a href="mailto:surya@iitdh.ac.in">surya@iitdh.ac.in</a> . However, enquiry/queries related to eligibility for the post/interpretation of rules will not be entertained.