



Recruitment Advt. No: IITDH/R&D/8.75/DVP/SERB CRG/2021-22

28 January 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 an **Online Selection Process** for the following temporary position:

S. No.	Particulars	Details
1.	Name of the Position	Junior Research Fellow
2.	Number of Positions	1
3.	Essential Qualification	Post Graduate or Graduate degree in Mechanical Engineering or Chemical Engineering or Aerospace Engineering or equivalent selected through a process described through any one of the following: a. Scholars who are selected through GATE in papers ME/AE/CH or b. The Selection process through National level examination conducted by IIT.
4.	Desirable Qualification	Strong fundamentals in fluid mechanics, multiphase flows, numerical modelling, C or C++ programming skills, soft skills, including knowledge and some experience in the immersed boundary and lattice Boltzmann method.
5.	Consolidated Emoluments	₹31,000/-+ 16% House Rent Allowance per month
6.	Duration of the tenure	One year and extendable
7.	Tenure of appointment	The appointment for the above contractual position will be initially for one year only, which may be curtailed or extended based on the availability of funds in the project and requirement in the project.
8.	Age Limit	Not exceeding 28 years as on the date of the selection process.

Job Description:

S. No.	Project Code and Title	Job Description
1.	MMAE/DVP/SERB-CRG/2021/8.75 Suspension of Pre-heated Particles and their Interactions in non-Newtonian Fluids for Industrial Processes	(i) to help develop fluid-particle-temperature coupled algorithm, (ii) to develop and validate immersed boundary lattice Boltzmann algorithm, (ii) to liaise with the funding agency for progress reports, UCs and SoE, (iv) to help organize the outreach activity of social responsibility, (v) to disseminate results, knowledge via scholarly publications and conference proceedings.

Details of the Selection Process:

S. No.	Particulars	Details
1.	Date	Last date to submit the application form online: 14 th February 2022 Date for declaration of shortlist: 16 th February 2022 Date of selection process: 18 th February 2022
2.	Selection process	Link to application form: https://forms.gle/4qchTspRhTEMJR4F7 Applications will be initially screened and shortlisted for a test/for an interview. The test/interview will be conducted online. 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. Tentative date of written test and/or interviews: 18th February 2022 . Any change in the schedule will be notified on the IIT Dharwad website.
4.	Documents Required	Applicant should have an online version of all original certificates including mark sheets (matriculation onwards), experience certificate(s), monthly emoluments/salary drawn, and all other relevant documents (including one set of the 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 the Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from a 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, applicants may send email on dhiraj@iitdh.ac.in . However, enquiry/queries related to eligibility for the post/interpretation of rules will not be entertained.

Assistant Registrar (R&D)

Date: 28 January 2021