



**DEPARTMENT OF MECHANICAL ENGINEERING
MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY
BHOPAL, MADHYA PRADESH, INDIA – 462 003**

Date: March 21, 2022

Advertisement for the Post of Junior Research Fellow (JRF)

Applications are invited for the position of Junior Research Fellow for SERB funded research project on Numerical investigation of MHD flow and pressure drop in 3-D sudden expansion with partitioned channels using wall-function treatment. The detail of requirement as follows:

Name of the position: Junior Research Fellow

Sponsoring Agency: Science and Engineering Research Board (SERB)

Number of positions: 01

Remuneration: Rs. 31000+ HRA (as per SERB norms)

Term of employment: The position is purely temporary and initially for a period of **6 months**. The position will be extended for another 6 months or till completion of project on satisfactory performance of the candidate and availability of the fund.

Essential Qualifications:

Essential: MTech/ME/MS degree in Mechanical with specialization in Thermal and Fluid Sciences or Thermal Engineering and must qualified the GATE/NET. **Desirable:** a) Knowledge in Computational Fluid Dynamics and C or C++ languages, b) Thesis related to numerical fluid flow or MHD flow, and c) Reputable Journal or International conference paper

Application Procedure: Interested candidates may apply in application form attached with the advertisement. Duly completed application form along with candidate CV and relevant documents may send through email to Dr. Narendra Gajbhiye (PI) at nlgajbhiye@manit.ac.in by **08/04/2022**. Only shortlisted candidate will be communicated through email. **Note:** The subject of the e-mail should be **Application for Junior Research Fellow** and applicants are required to attach a recommendation letter from their supervisor.

Age Limit: 35 years

Term and conditions:

i) No TA/DA will be provided to the candidate called for the interview, ii) No application will be considered after due date, iii) If the number of applications received are large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement, iv) The decision of the selection committee will be final, v) The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required, vi) The selected candidate will have to join duty immediately on receipt of the offer.

Principal Investigator

Dr. Narendra Gajbhiye

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