



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Date of Advertisement: 23 February 2024

Subject: Advertisement for the post of Project Assistant on a funded project

Applications are invited from candidates with excellent academic credentials for the position of Project Assistant in a project titled, “*High-order large-eddy simulations of compressible flows*” in the Department of Mechanical and Aerospace Engineering at IIT Hyderabad.

Project investigators	Principal investigator: Dr. Niranjana Ghaisas, IIT Hyderabad
Position	Project Associate I (one vacancy)
Essential criteria for applicants	<ul style="list-style-type: none">• M. Tech. in Mechanical Engineering or allied areas with a focus on numerical simulations.• Experience and expertise in computational fluid dynamics, turbulence modelling, high-order methods and parallel computing are essential.• Experience in (a) Fortran programming; (b) distributed-memory high-performance computing; (c) large-eddy simulations; (d) conducting large-scale computations and postprocessing large datasets• Strong motivation to work in a serious academic environment on a computational project that also offers scope for theory development.• Comfort with the Linux environment; experience integrating and using parallel numerical libraries; use of Python or scripting languages for postprocessing.
Duration	The appointment will be for a period of 6 months, with the possibility of further extension.
Remuneration	As per DST Emolument Scheme July 2020 (http://www.serc.iisc.ac.in/serc_web/wp-content/uploads/2020/11/OMScientificTechnicalManpowerRevisedGuidelines.pdf)
Selection procedure	Shortlisted candidates will be called for interviews to be conducted by a selection committee tentatively on 15 March 2024 . Candidates desiring to appear for the interview are required to send their application material (details below) by email on or before 12 March 2024 to nghaisas@mae.iith.ac.in . Interviews of shortlisted candidates will be held online.
Application Material	Please send your (1) CV, (2) copies of Masters transcripts, (3) reprint of one best journal paper and (4) a half-page write-up on your research interests by email to nghaisas@mae.iith.ac.in with “Project-Associate-Application” in the subject line on or before 12 March 2024 .

The selection committee reserves the right to leave the position vacant if no suitable candidate is found.