

**Advertisement for the post of Junior Research Fellow in Weir Group Sponsored Research Project**

Applications are invited from Indian nationals for the position of Junior Research Fellow (JRF) in a Weir Group Sponsored research project with the following details:

**Title of the Projects:**

- 1) CFD modelling of large-scale hydrocyclones
- 2) Multi-phase CFD modelling Large-Scale Dense Medium Cyclones.

**Principal Investigator:** Prof. Narasimha Mangadoddy, Professor, Dept. of Chemical Engineering, IIT Hyderabad (narasimha@che.iith.ac.in)

**Name of the position:** Junior Research Fellow (JRF)

**Number of Positions:** Two

**Apply Here** (<https://forms.gle/fEdBrWGEb1rSd9do9>)

**Essential qualifications:**

Candidates need to satisfy the following two criteria:

1. Graduate in Chemical Engineering/Mechanical Engineering or allied areas with at least two years of industry/research experience in the domain of Industrial/R&D CFD modelling or M.Tech/ME/MS in Chemical Engineering/Mechanical Engineering or allied areas
2. Qualified in any of the following National eligibility test/exam:
  - a. GATE
  - b. CSIR-UGC NET including lectureship (Assistant Professorship)
  - c. National-level examination conducted by Central Govt. Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc.

**Desirable:**

Having good knowledge of Computational Fluid Dynamics (CFD), especially multi-phase flow modelling in process related flows and particulate flows

Programming skills in C and C++/Python/MATLAB.

**Age limit:** 35 Years

**Salary:** Rs. 37,000 consolidated per month

**Duration:** The appointment for the above contractual position will be initially for a period of 01 year, which may be further extended or curtailed, based on the performance of the candidate.

**How to apply:** Interested candidates must apply on the application form attached with this advertisement. Please go through **apply here online mode**. The advertisement is a rolling one and will be valid till an eligible candidate is not get selected. Only shortlisted candidates will be called for interview. The position is available immediately.

**Terms & Conditions:**

- i. No TA/DA will be provided to the candidate for the interview
- ii. The PI shall not be responsible for online delay in submitting on time if any, or any other reason for no-attachment of the documents at the specified time and will result in disqualification/rejection of the application.
- iii. The decision of the selection committee will be final.
- iv. 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.
- vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.

Please feel free to contact me in case of any query (Principal Investigator)

**Dr. Narasimha Mangadoddy**  
**Professor, Department of Electrical Engineering**  
**IIT Hyderabad**  
**Email: [narasimha@che.iith.ac.in](mailto:narasimha@che.iith.ac.in)**