

Department of Materials Science and Metallurgical Engineering
Indian Institute of Technology Hyderabad

Vacancy for the Position of JRF in the Department of MSME

A JRF position is available in the Department of MSME, IIT Hyderabad, to work on the following BRNS-sponsored projects titled:

Microstructure-Texture-Property Correlation in Zr-Nb and Zr-Sn Alloys Processed by Warm-rolling

Eligibility: The ideal candidate should be

- a) GATE qualified with B.E./B.Tech. in Metallurgical/Materials/Ceramics/Mechanical/Production Engineering
OR
- b) Students who graduated (B.Tech.) from CFTIs (IITs, NITs, IISc, IISERs & CFTIs) in Metallurgical/Ceramics/Mechanical/Production Engineering with a CGPA of 8.0 or more without a GATE score.

OR
- c) M.E./M.Tech. in Metallurgical/Ceramic//Materials/Mechanical (**only Design/Manufacturing specializations**)/ Production Engineering

Candidates from other backgrounds/specializations will not be considered and need not apply.

The maximum age limit is 28 years on the application date. Candidates from scheduled castes/tribes, OBCs, and those with physical disabilities may be granted age relaxation as per the current Government of India rules.

Desirable:

- 1) Strong background in the areas of Physical/Mechanical Metallurgy/Materials Processing will be highly desirable
- 2) The ideal candidate should have proficiency in scientific writing

The selected candidate must register in the PhD program in the Department of Materials Science and Metallurgical Engineering at IIT Hyderabad, subject to the fulfillment of the PhD program requirements.

Salary: Rs . 37,00/month for the first two years and Rs . 42,000/month (SRF) for the third year.

Duration: 3 years and extendable up to one further year (subjected to satisfactory performance), supported by IITH.

Interested candidates may apply online using the link: <https://forms.gle/kRnuLJ4YD8BuXrMcA>

For any query, please contact:

Professor Pinaki Prasad Bhattacharjee

Department of Materials Science and Metallurgical Engineering IIT Hyderabad

Kandi Sangareddy 502285 Telangana India

E-mail: pinakib@msme.iith.ac.in

The application deadline is: May 15, 2026 (Friday) 17:00 PM IST.

**Department of Materials Science and Metallurgical Engineering
Indian Institute of Technology Hyderabad**

Vacancy for the position of JRF in the Department of MSME

A position for Junior Research Fellow (JRF) is available in the Department of MSME, IIT Hyderabad, to work on a DRDO (ARMREB)-sponsored project titled:

“Uniting Ultrahigh Strength and Ductility in Lightweight Aluminum Alloys by Tuning Precipitation and Heterogeneities”

Eligibility: The ideal candidate must have

- a) M.E./M.Tech. o n l y from a CFTI institute with Metallurgical/Materials/Mechanical (Design/Manufacturing)/ Production Engineering/Foundry-Forge Technology
- and
- b) At least one publication related to thermomechanical processing and mechanical properties of metallic alloys in a Q1 or Q2 journal.

The upper age limit will be 35 years as on the day on which the application is made. The upper age limit can be relaxed for candidates belonging to the scheduled castes/tribes/OBCs and physically handicapped candidates, in accordance with existing Govt of India norms.

Candidates from other backgrounds/specializations will not be considered and need not apply.

Highly Desirable:

- 1) A strong background in the areas of Physical/Mechanical Metallurgy will be highly desirable.
- 2) Prior experience of independently operating SEM-EBSD and TEM will be highly desirable.
- 3) In addition, the ideal candidate should have proficiency in scientific writing.

Salary: Rs.37,00/month + House Rent Allowance (HRA) as applicable.

Duration: 1 year (extendable for a further year) with 42,000/-+HRA

The deadline for the application is: May 15th, 2026, 17:00 PM IST.

Interested candidates may submit their application to:

<https://forms.gle/q5a3W1PWekPa8AGC8>

For any inquiry, feel free to contact:

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