

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

Vacancy for the Position of JRFs in the Department of MSME

June 13th, 2025

Two positions of JRF are available in the Department of MSME, IIT Hyderabad to work on the following DRDO-sponsored projects titled:

A) Development of Novel High Entropy Alloys for Cryogenic and High Temperature Aerospace Applications by Microstructural Engineering (DRDO-ARDB)

B) Uniting Ultrahigh Strength and Ductility in Lightweight Aluminum Alloys by Tuning Precipitation and Heterogeneities (DRDO-ARMREB)

Eligibility: The ideal candidate should be

a) GATE qualified with B.E./B.Tech. in Metallurgical/Ceramics/Mechanical (**only Design/Manufacturing**)/Production Engineering/Nanoscience and Technology

OR

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

OR

c) M.E./M.Tech. in Metallurgical/Ceramic//Materials/Mechanical (**only Design/Manufacturing**)/Production Engineering/Nanoscience and Technology

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

The upper age limit will be 28 years as on the day on which the application is made. The upper age limit can be relaxed in the case of candidates belonging to the scheduled castes/tribes/OBC and physically handicapped candidates in accordance with existing Govt of India norms.

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 subjected to the fulfillment of the requirements for the PhD program.

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

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

Interested candidates may apply online using the link: <https://forms.gle/a1mfh6v71BYcFyzp7>

For any query, please contact:

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The deadline for the application is: July 01, 2025 (Tuesday) 17:00 PM IST.