



Opening of Research Associate (RA) position at IIT Hyderabad

Sustainable Metallurgy & Industrial Technologies (SMITH) Laboratory, Dept. of Materials Science & Metallurgical Engineering (MSME), IIT Hyderabad

invites applications for the position of Research Associate position for a Ministry of Steel-funded project on the ***Investigation on Direct Reduction using Ammonia: A Novel Green Alternate Ironmaking Process.***

Essential Qualifications: i) B.E (mechanical) & M.Tech (metallurgy/materials science or equivalent), ii) minimum of 3 years of experience in labs dealing with metallurgical processes and/or industries that deal with the design, fabrication, and development of metallurgical furnaces, whose operation involving gases such as $H_2/NH_3/CH_4$, and iii) minimum 1 publications in Q1 journal.

Desirable Qualifications: 1. Hand-on experience in the design, development, and operation of metallurgical reactors/furnaces and pyrolyzers; 2. Hands-on experience in AFM, TEM, XRD, SEM-EDS, spectrometers, etc.

Fellowship and allowances: Rs. 47,000/- monthly + 24% House rent allowance. Accommodation inside the IITH campus is subject to availability at the time of joining. This position is initially for one year and can be extended to subsequent years based on satisfactory performance and fund availability. The candidate may need to work at the premises of an industry partner (located in Mumbai) as well.

If you meet the above criteria, please click [Link to apply for the position](#)

Application deadline : 17th Dec 2024
Tentative interview date : Dec 21 – 22, 2024
Tentative date for joining : Jan 1st, 2025

If any queries about the position, please contact ashokk@msme.iith.ac.in