



भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, खण्डवा रोड, इन्दौर, भारत, पिन - 453 552
Indian Institute of Technology Indore
Simrol, Khandwa Road, Indore, India PIN - 453 552

IIT Indore

August 19, 2026

Advertisement for Research Associate and Technical Assistant in SRTMI funded Project

Applications are invited from high-caliber, enthusiastic, and research-oriented candidates for the position of **Research Associate (RA) (02 in No.) and Technical Assistant (01 in No.)** in a research project entitled “**High-value Concrete Visor by EAF slag Recycling (CoVER) for strategic applications**” sponsored by the Steel Research & Technology Mission of India (SRTMI).

About the project: The project aims to propose high-value utilisation of steel slag as raw materials for strategic construction applications by exploiting physical and other material characteristics. The proposed study will also develop a dynamic utilisation framework to account for variation in chemical and mineral composition, and make the idea more industry-ready. The dynamic framework will encompass characterisation-based fast assessment, machine learning for process optimisation, decarbonising for preconditioning, and a multi-objective utilisation outline.

1. Research Associate (RA)

Essential Qualification: Ph.D. or equivalent degree in Civil/Mechanical/Metallurgical/ Materials/ Chemical Engineering/Chemistry, or having 3 years of research, teaching, and design and development experience after ME/M.Tech/MS in Civil/Mechanical/Metallurgical/ Materials/ Chemical Engineering/Chemistry with at least one research paper in Science Citation Indexed (SCI) journal.

Desirable: The candidate should possess good knowledge of slag recycling or concrete technology and experience in the steel industry. NET/GATE qualification in the relevant area.

Monthly Stipend: Consolidated Rs. 58,000/- per month and HRA as per the funding agency.

2. Technical Assistant (TA)

Essential Qualification: First Class B.Sc./3 Years Diploma in Engineering & Technology

Desirable: Experience in CFTI/research labs/ industry.

Monthly Stipend: Consolidated Rs. 20,000/- per month and HRA as per the funding agency.

Duration: The initial appointment is for one year, extendable based on performance up to the project duration.

Selected candidates for Research Associate positions having only a Master's degree may be considered for admission to a Ph.D. Program as a regular full-time scholar at IIT Indore as per the Institute norms.

How to Apply:

- Interested candidates are requested to submit a **detailed CV** through Google Form only (<https://forms.gle/bF1dbNjr8kAk54SQ7>). The last date for submission of applications is September 18, 2026.
- CV should include complete information such as academic grades/percentage starting from X standard onwards, with the details of year of graduation, university or college, GATE score with year, discipline, marks, All India Rank, number of candidates who appeared, contact details, and a valid email id. **Please include details of your work experience in the project-relevant field.**
- Incomplete applications will be rejected.
- Only shortlisted candidates will be intimated by email for the interview in person. No TA/DA will be paid for the same.