INDIAN INSTITUTE OF TECHNOLOGY

KHARAGPUR – 721 302, INDIA

Sponsored Research and Industrial Consultancy

ADVERTISEMENT NO. : IIT/SRIC/R/CRE/2026/102, DATED

Applications are invited through online for the following assignment in a purely time bound research project undertaken in the Department of Metallurgical and Materials Engineering of this institute.

Name of the temporary assignment	:	1) Sr. Project Assistant - Research, No. of post: 1.
Name of the temporary research project	:	Utilization of CO2 as Bottom Stirring gas in BOF Steel making: A step towards reduction in CO2 emissions across the steel value chain (Project Code – R/CRE)
Dept./Centre/School	:	1) Metallurgical and Materials Engineering
PI/Co-PI	:	Prof./Dr. Manas Paliwal
Application fee(In Rs.)	:	General / Male / OBC: 0 , Female : 0, SC/ST: 0
Name of the Sponsoring Agency	:	Steel Research and Technology Mission of India SRTMI(A registered society under the Societies Registration Act, 1860, 5th Floor, Ispat Bhawan, SAIL, Lodhi Road, New Delhi - 110003)
Consolidated Compensation (per month)	:	1) upto 35400 (depending on qualification and experience)
Qualifications & Experience	:	1) Essential Qualification : BE/BTECH and M.TECH/MS in Materials or Metallurgical and Materials Engineering. Industry experience in secondary steel making is preferred. Desired Experience : We are looking for a candidate skilled in process modelling of secondary steel making reactors such as BOF, LF, VOD etc. The candidate should have fundamental understanding of computational thermodynamics along with basic understanding of reactions. The candidate should demonstrate linking of complex processes in a steel making reactor in a computational thermodynamic framework. In this regard, the working and hands on experience with FactSage or ThermoCalc is desirable. Age Limit : 35 years. Age rules may be relaxed upon fulfilling sponsor agency rules if any. Tenure : 24 Months or the termination of the project, whichever is earlier.

Note:1. The qualifications and experience prescribed are the minimum and mere possession of the same does not entitle a candidate to be called for the interview.
2. Age as on last date of advertisement.

Application fee shall be deposited in the following bank account through RTGS/NEFT/NET Banking etc. as under:
1).BANK NAME: STATE BANK OF INDIA(00202);2).BANK ADDRESS: P.O:KHARAGPUR TECHNOLOGY,DIST:MIDNAPORE;WEST BENGAL-721302;3).NAME OF BANK A/C: IIT SRIC-OM Account;4).ACCOUNT NO: 39502115210;5).IFSC CODE: SBIN0000202;6).SWIFT CODE: SBININBB339;
The transaction details(UTR No./Transaction ID etc.) should be mentioned in the Application Form.