



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

April 25, 2022

Walk-in Interview for SRF Position under the Industry Sponsored Project

Applications are invited from highly motivated, enthusiastic and research-oriented students for the position of Senior Research Fellow (SRF) in an Industry sponsored research project entitled “**Development of novel shape stabilized and flame redundant phase change composite for thermal management of battery modules**”.

About the project: The scope of the work includes the development of novel phase change composite (PCC) with enhanced properties and their possible application in battery thermal management systems. These enhanced thermal properties will enable the PCC to maintain a desirable and uniform temperature in the battery modules, which in turn will increase the safety, reliability, lifespan of the battery modules.

Eligibility:

- MTech/ME in Mechanical/Chemical/Material Science Engineering with good academic background.

or

- BTech/BE in Mechanical/Chemical/Material Science Engineering, qualified in GATE examination with good academic background and should have three years research experience in the domain of the project.

Desirables: The candidate should have good knowledge of heat transfer, thermal engineering, phase change material/composite and battery modules. Candidates having exposure to experimental/numerical study of thermal behavior of phase change material (PCM) based thermal energy storage/thermal management systems are encouraged to apply.

Fellowship details: Consolidated INR 35,000 per month.

General Information: The position is temporary for a period of **03 months** and tenable only for the duration of the project. The appointment is for time bound project and the candidate is required to work mainly for the successful completion of the project. The selection committee may offer appropriate designation and salary based on experience, qualification and performance in the interview.

How to Apply:

1. Interested candidates are required to attend walk in interview on **May 6, 2022**. The candidates should bring Detailed Curriculum Vitae along with valid photographic identity card, original and self-attested photocopies of all documents (10th class onwards) at the time of interview. Incomplete applications will be rejected.
2. Time and date of walk-in interview: **May 6, 2022; 2:00 PM onwards (through online)**
3. Interested candidates must email advance copy of their detailed CV and statement of purpose (SOP to Dr. Santosh Kumar Sahu (sksahu@iiti.ac.in), via email only with the subject line as “Application for SRF position in Industry-sponsored project”.