



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT087/2022

Job Title

Junior Research Fellow

Job Reference Number

50303224

Application End Date

03.06.2022

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Statistical learning of high throughput calculations for experimental realization of Heusler alloys as stable mid temperature thermoelectrics.

About the project: Performing large scale first principles based high throughput calculations of topological Heusler compounds in order to study the spin orbit coupling driven effects in their transport coefficients.

Essential Qualifications & Experience:

MSc (Physics)/ MTech (Materials Science/ Applied physics)

Candidates with a strong background in quantum mechanics, solid state physics, and c++/ python programming are encouraged to apply.

Job Profile:

Performing large scale first principles based high throughput calculations of topological Heusler compounds in order to study the spin orbit coupling driven effects in their transport coefficients.

Pay Details:

Consolidated salary Rs.31000 p.m.

General information:

The position is temporary for a period of 1 year 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 lower or higher designation and lower or higher salary depending upon the experience and performance of the candidate in the interview.

Candidates called for interview will be required to attend at his/ her own expenses.

For any queries/clarification please contact: recruit@ircc.iitb.ac.in