



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT328/2022

Job Title

Project Associate - I

Job Reference Number

50377203

Application End Date

02.01.2023

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Rate-dependent Constitutive Modeling of Shape Memory Alloy(SMA) Composite for Ballistic Response

About the project: Material characterization and experiments of Shape Memory Alloys (SMAs). Experimental study of SMA-Composite materials under high strain rates. Ballistic testing of SMA-Composite plates and simulation.

Essential Qualifications & Experience:

Bachelors degree holder in Aerospace, Mechanical, or Civil engineering branch with basic knowledge of structural engineering/analysis. Familiarity or experience in testing of materials and ability to learn new methods is expected. Following skills would be desirable

- 1.Knowledge of materials testing
- 2.Ability to operate oscilloscopes/data acquisition
3. Good understanding of Solid mechanics and Strength of materials

Pay Details:

Consolidated salary Rs.25000/- p.m. + HRA

General information:

The position is temporary for a period of 1 year and tenable only for the duration of the project. Based on performances, continuation in the same project is possible

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