



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT159/2021

Job Title

Project Associate - I

Job Reference Number

50257679

Application End Date

30.09.2021

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Multiphysics modelling of grain growth during hot isostatic pressing and during isothermal forging of powder metallurgy nickel based superalloy

About the project: Programming in C, familiarity with Linux systems, and familiarity with Monte Carlo, Phase Field, Finite Element and/or Cellular Automaton is preferred

Essential Qualifications & Experience:

Master's Degree in Natural or Agricultural Sciences / MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent .

Upper Age limit : 35 Years

Job Profile:

Formulation and implementation of models for microstructural evolution during hot forging and hot isostatic pressing. Students with modelling experience will be preferred; we are specifically looking for students with science/engineering background with familiarity with materials systems.

Pay Details:

Consolidated salary Rs.31000/- p.m. + HRA

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

