



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT065/2022

Job Title

Senior Research Fellow

Job Reference Number

50294670

Application End Date

05.04.2022

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Design and Development of Harmonic Drive

Job: Finite element analysis of a harmonic drive

Essential Qualifications & Experience:

BTech/MTech in Mechanical Engineering with minimum 2 years of experience in using commercial FEA software like Ansys.

GATE qualification is essential

Good understanding of FEM including nonlinear static and dynamic analysis.

Good coding skills in Matlab/Python.

Job Profile:

Static and dynamic finite element analysis of a harmonic drive. Identify different structural failure modes and suggest appropriate design changes. Closely work with the design engineer to optimize the design

Pay Details:

Consolidated salary Rs.35000/- p.m. + HRA (If applicable)

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

