



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT216/2021**

**Job Title**

Junior Research Fellow

**Job Reference Number**

50273072

**Application End Date**

05.01.2022

**Type of Employment**

Proj. Staff Contract

**No. of Position(s)**

1

**IITB Project Recruitment:**

Project title: Study of the tomography of the Nucleon

About the project: The project involves theoretical investigations of the single spin asymmetries in electron-proton and proton-proton collisions at high energies.

**Essential Qualifications & Experience:**

M.Sc with a first class in Physics, and should have done a course on particle physics/quantum field theory as part of the MSc curriculum. Working knowledge in FORTRAN and Mathematica will be preferred.

**Job Profile:**

The candidate will be expected to perform theoretical calculations of high energy scattering processes, which would involve both numerical and analytic calculational skills.

**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. 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](mailto:recruit@ircc.iitb.ac.in)