



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT321/2024

Job Title

Project Research Associate

Job Reference Number

50636937

Application End Date

25.10.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

3

IITB Project Recruitment:

Project title: Next Generation Wireless Research and Standardization on 5G and Beyond

About the project: The fifth generation (5G) technology is identified to have the potential to make a major societal transformation in India by enabling massive digital products and services across industrial, commercial, education, health care, environment, agricultural, financial, and social sectors. The proposed R&D project is envisaged to contribute to address two of the priorities viz. Technology and Manufacturing identified by the 5G HLF by conducting collaborative standards-based research by tapping the available resource pool spread across the country, and the research outcomes are taken to national and International standardization forums like 3GPP, ITU, and TSDSI for its adoption. All the eight institutes agreed to submit the collaborative proposals contained herein to MEITY for funding to continue the 5G R&D activities in Next Generation Wireless Research and Standardization on 5G and Beyond project for a duration of four years with prime focus on standards-based research and participation in International standards along the recommendation of the task force setup by the steering committee constituted by the 5GHLF. The activities and outputs from this project will contribute to unlock the transformative power of digital communication networks to achieve the goal of Gol in enhancing the well-being of the people through digital empowerment as set out in the draft National Digital Communication Policy 2018 (NDCP 2018).

Essential Qualifications & Experience:

MTech/ME/MDes or equivalent degree

OR

BTech/BE/MA/MSc/MCA/ MBA or equivalent degree with 2 years relevant experience.

Job Profile:

To conduct research on the topic of resource allocation in millimeter wave networks, publish papers, file patents, and contribute to 3GPP standards on this topic.

Pay Details:

Level PR-O1: Salary range from Rs.33600 to Rs. 67200 + Rs.6250.00/- Out Of Campus Allowance (if applicable) p.m.

General information:

The position is temporary for a period of 1 year or till the end date of the project whichever is earlier 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