



Dr Tiju Cherian John
Assistant Professor, Department of Mathematics

October 12, 2025

JRF position under an ANRF-PMECRG project

Applications are invited for the position of Junior Research Fellow (JRF) in the Department of Mathematics at BITS Pilani, K. K. Birla Goa Campus, Goa, for an ANRF-PMECRG Project sponsored research (File No. ANRF/ECRG/2025/003716/PMS, Title: Quickest Quantum Change-Point Detection (QQCD)).

Principal Investigator: **Dr Tiju Cherian John**

Broad area of Research: **Operator Theory, Quantum Theory, Statistics**

Duration of the project: **3 years**

Fellowship Amount (Rs.): **37,000 + HRA as applicable**

Accommodation: Hostel Accommodation will be provided, subject to availability, and will be governed by the rules and regulations of the Institute prevailing at the time of the candidate's joining.

Eligibility: Candidates must have a postgraduate degree in Mathematics, Statistics or Physics with a first class (or at least a 6.5 CGPA) and a minimum of 55% marks in B.Sc. The candidates should have an excellent academic background and a sound knowledge of Linear Algebra, Real Analysis, and one of Functional Analysis, Quantum Mechanics or Statistics. Preference will be given to the NET/GATE-qualified candidates.

How to Apply:

Interested candidates are requested to send their application as a single PDF file containing (1) A detailed CV, (2) A one page statement of research experience (if any), (3) Copy of MSc Marksheet, (4) Copy of MSc Certificate, (5) NET/GATE certificate (if available) to the principal investigator (email: pmeerg@tijujohn.com, cc to tiju@goa.bits-pilani.ac.in) by 20th October 2026 (20/10/2026) mentioning the following subject line in the email: "<Applicant Full Name> JRF PMEERG". Upon receipt of the email, the PI will send an acknowledgement reply. However, only the shortlisted candidates will be informed of an online interview.

Selected candidate will get a chance to apply for the PhD program at BITS Pilani, K. K. Birla Goa Campus (Rules of the PhD program for BITS Pilani are applicable).

