Indian Institute of Technology Jodhpur
Office of Research and Development

Advt. No.: IITJ/R&D/2020-21/38 27 November 2020

Project Recruitment

Applications are invited from the citizen of India for filling up the following temporary position in the Sponsored Research Project at this Institute. The position is purely temporary, initially for a period of 06 Months, and extendable but co-terminus with the duration of the project, on contractual basis with consolidated pay. The requisite qualification, experience and others details are given below:

1.	Project No.	S/SERB/AKR/20180034
2.	Project Title	Multiparticle Entanglement, Nonlocality and Quantum Information processing- Analysing the role and applications of statistical correlations
3.	Name of the Project Investigator	Dr. Atul Kumar
4.	Duration for initial appointment	06 Months
5.	Name of the Post	Senior Research Fellow
6.	Post	01
7.	Consolidate Pay	35,000/-+HRA (as per the institute norms)
8.	Minimum Qualification and Experience	Eligibility: 1. M. Tech., M. Sc., B. Tech degree or equivalent with two years relevant experience with at last 60% marks or 6.0 CGPA (on scale of 10). **2.** Having qualified NET (UGC/JRF) or GATE or equivalent examination. Desirable : Experience of working with software such as Mathematic and MATLAB or Good programming skills.
9	Job Description	Technical and admin assistant in conducting online classes/e-meeting, WebEx related issues.
10	Brief description of Project	In this project, we aim to characterize classical and quantum correlations in bipartite as well as multiqubit pure and mixed states, and establish its relation with entanglement, nonlocality and quantum communication protocols. The study will also involve analysing quantum cryptography and key distribution protocols from the perspective of quantum correlations.

The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **06 December 2020**. The candidates are advised to send a soft copy of the application with all relevant documents to *office_rnd@iitj.ac.in* ***(Please mention the advertisement number in the subject line of the email).No need to send a hard copy***.

General Instructions to Applicant(s)

1.	The post(s) is purely temporary and contractual for a period of 06 Months, and extension based on satisfactory performance, but co-terminus with the duration of the project
2.	Application which is incomplete, not in prescribed format, without photograph or unsigned will be summarily rejected.
3.	Certificate in support of experience should be in proper format i.e. it should be on the organizations letter head, bear the date of issue, specific period of work, name and designation of the issuing authority along with his signature.
4.	The Institute reserves the right to: (a) conduct written/trade tests for such posts wherever if the circumstances so warrant (b) not filling any of the advertised positions (c) fill consequential vacancies arising at the time of interview from available candidates. The number of positions is thus open to change.
5.	The Institute shall verify the antecedents or documents submitted by a candidate at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
6.	No TA/DA shall be paid to the candidates for attending the interview.
7.	No correspondence will be entertained from candidates regarding interview and reasons for not being called for interview.
8.	Canvassing in any form will be a disqualification.
9.	No interim correspondence will be entertained.
10.	No need to send hard copy.

Officer In-charge
Research & Development