



# Indian Institute of Technology Jodhpur

## Office of Research and Development

Advt. No.: IITJ/R&D/2019-20/25

09 September 2021

### **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 03 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/ASM/20190005
2.	Project Title	Experimental Investigation and Performance Evaluation of HARQ Technique for Free-Space Optical Communication Systems
3.	Name of the Project Investigator	Dr. Aashish Mathur
4.	Duration	03 Months (Extendable up to Project Duration as per Performance)
5.	Name of the Post	Junior Research Fellow
6.	Post(s)	01
7.	Consolidate Pay	Rs.31,000/-
8.	Qualification and Experience	<b><u>Essential Qualification:</u></b> M.E. /M. Tech. with specialization in Communication Engineering or equivalent with first class or equivalent. GATE qualification in relevant discipline in mandatory.  <b><u>Desired Qualification:</u></b> Sound knowledge of fundamentals of Digital Communication and free-space optical communication, Proficiency in MATLAB simulations.
9.	Job Description	The selection candidate is expected to perform MATLAB based simulations. Help in the experimental set-up, and other tasks for the successful completion of the project.
10.	Brief description of Project	Primary objective is to develop an experimental set-up for generating turbulence conditions under laboratory controlled environment to emulate actual atmospheric turbulence and utilize Hybrid Automatic Repeat Request (HARQ) scheme to improve the performance of FSO communication systems.
11.	Maximum Age	35 Years

The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **23 September 2021**. The candidates are advised to send a soft copy of the application with all relevant documents to [recruitment\\_rnd@iitj.ac.in](mailto:recruitment_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 03 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