



# Indian Institute of Technology Jodhpur

## Office of Research and Development

Advt. No.: IITJ/R&D/2019-20/24

09 September 2019

### Project Recruitment

Candidates of Indian Nationality are invited to appear for the Written Test/Interview for project appointments under the following project. Appointment shall be on contractual basis, initially for a period of 06 Months, and extendable but co-terminus with the duration of the project, on 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	06 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	<u>Essential Qualification:</u> M.E. /M. Tech. with specialization in Communication Engineering or equivalent with first class or equivalent. GATE qualification in relevant discipline in mandatory. <u>Desired Qualification:</u> Sound knowledge of fundamentals of Digital Communication and free-space optical communication, Proficiency in MATLAB simulations.
9.	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.

**Walk-in Interview:** 18 September 2019; Reporting Time – 11:00 A.M.

**How to apply:** Interested and eligible candidates may appear for interview on 18 September 2019. Applicants are required to bring the application along with all relevant self-attested supporting documents.

**Address:** Seminar Hall, Department of Electrical Engineering, IIT Jodhpur, Nagaur Road, Karwar, Jodhpur 342037, Rajasthan.

**General Instructions to Applicant(s)**

1.	The post(s) is purely temporary and contractual, and extension is based on satisfactory performance, but co-terminus with the duration of the project.
2.	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.
3.	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.
4.	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.
5.	No TA/DA shall be paid to the candidates for attending the Written Test/Interview.
6.	No correspondence will be entertained from candidates regarding interview and reasons for not being called for interview.
7.	Canvassing in any form will be a disqualification.
8.	No interim correspondence will be entertained.

Officer In-charge  
Research & Development