



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D(Advt.)/2024-25/012

25 April 2024

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 10 Months, and same extendable but co-terminus with the duration of the project, on a contractual basis with consolidated pay. The requisite qualification, experience and other details are given below:

1.	Project No.	S/SERB/JTK20230213
2.	Project Title	Searching for New Physics beyond the Standard Model via studies of rare charm-decays at Belle II
3.	Name of the Project Investigator	Dr Jitendra Kumar
4.	Duration for initial appointment	10 Months (can be extendable till project completion, subject to satisfactory performance)
5.	Name of the Post	Junior Research Fellow
6.	Post	01
7.	Consolidate Pay	Rs. 31,000/- +HRA @16% <i>(*to be increased to 37000/- month as per revised SERB rules)</i>
8.	Minimum Qualification and Experience	<u>Eligibility:</u> M.Sc. in Physics and selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE with valid score. <u>Desirable Qualification:</u> 1. Experience with particle physics or high-energy physics standard model framework, instrumentation, and detectors 2. Experience in computer programming (C++, python) simulations, and experimental high-energy physics data analysis
9.	Brief description of Project	The New Physics searches extend SM with processes that are forbidden at the tree level such as flavor-changing neutral current (FCNC) or rare decays, as well as completely forbidden decays, for example, baryon or lepton number violating transitions. This proposal aims to explore NP by studying rare decays of charm $c \rightarrow u$ transition
10.	Job Description	Working on data analysis as well as theoretical model calculations for studies of rare charm-decays
11.	Maximum Age	32 Years

12.	Age Bar	Age will be calculated on the closing date of the online submission of the application. Relaxation in age for the category candidates only would be admissible as per Central Government Rules. Also kindly enclose the Caste Certificate along with the application.
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The candidates possessing the requisite qualification and experience should apply through the **ONLINE process** up to **09 May 2024**.

It is mandatory to send the soft copy of the application with all relevant documents to recruitment_rnd@iitj.ac.in (Please mention the advertisement number in the subject line of the email). **Without documents, your application will not be considered.** There is no need to send the hard copy.

General Instructions to Applicant(s)

1.	The post(s) is purely temporary and contractual for a period of 10 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.	<p>Institute reserves the right to:</p> <p>a. Fix, modify or revise the eligibility conditions, age and selection criteria as per its requirements, at any time.</p> <p>b. Fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason.</p> <p>c. Place a reasonable limit on the total number of candidates to be called for the Written Test and/or Skill Test, Interview.</p>
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.	Higher initial pay may be given to exceptionally qualified/deserving candidate.
7.	No TA/DA shall be paid to the candidates for attending the interview.
8.	No correspondence will be entertained from candidates regarding interview and reasons for not being called for interview.
9.	Canvassing in any form will be a disqualification.
10.	No interim correspondence will be entertained.
11.	No need to send hard copy.

Officer In-charge
Research & Development