



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D(Advt.)/2022-23/71

03 February 2023

Project Recruitment

Applications are invited from the citizen of India for filling up the following temporary position in the Sponsored Project at this Institute. The position is purely temporary, initially for a period of 01 Year, 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/ASP/20220075
2.	Project Title	Computationally Lightweight Convolutional Neural Network for Generalizable Chest X-ray Diagnosis
3.	Name of the Project Investigator	Dr. Angshuman Paul
4.	Duration for initial appointment	01 Year
5.	Name of the Post	Junior Research Fellow
6.	Post	01
7.	Consolidate Pay	Rs. 31,000+ HRA (@ 8%)
8.	Minimum Qualification and Experience	<p><u>Eligibility:</u> B. Tech./B.E. in CSE/ECE/EE or Equivalent with 60 % (or 6.5/10 CGPA) and above (with 5% relaxation for SC/ST/PwD applicants) and Valid GATE/ NET score.</p> <p>OR</p> <p>M. Tech./M.E. in related areas/specializations of CSE/ECE/EE or Equivalent with 60 % (or 6.5/10 CGPA) and above (with 5% relaxation for SC/ST/PwD applicants) and valid GATE/ NET score.</p> <p><u>Desirable Qualification:</u></p> <ol style="list-style-type: none">1. Prior knowledge of machine learning.2. Proficiency in python programming and mathematics.
09.	Brief description of Project	The goal of this project is to design computationally lightweight models for the diagnosis of chest x-rays. The models are intended to be useful across datasets from different sources.
10.	Job Description	The selected candidate is expected to design computationally lightweight machine learning models for generalizable chest x-ray diagnosis, perform relevant experiments on various datasets, compare the performance with different SOTA approaches, write research papers and reports, etc.
11.	Maximum Age	Less than 30 Years at the time of application

The candidates possessing the requisite qualification and experience should apply through the **ONLINE process** up to **17 February 2023**. The candidates are advised to send a 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*). *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 01 year 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.	Institute reserves the right to: a. Fix, modify or revise the eligibility conditions, age and selection criteria as per its requirements, at any time. b. Fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason. c. Place a reasonable limit on the total number of candidates to be called for the Written Test and/or Skill Test, Interview.
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