



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D/2021-22/10

03 July 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 04 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/HIK/2020084
2.	Project Title	A Robust Visual Positioning System
3.	Name of the Project Investigator	Dr. Himanshu Kumar
4.	Duration for initial appointment	04 Months
5.	Name of the Post	Junior Research Fellow
6.	Post	01
7.	Consolidate Pay(Rs.)	Rs. 31,000/-+ HRA (As per institute norms)
8.	Minimum Qualification and Experience	<u>Essential Qualification:</u> B.Tech./M.E./M.Tech. With specialization in Electrical Engineering/Electronics Engineering/Computer Science/Data Science with first class or equivalent. GATE qualification in relevant disciplines is Mandatory. <u>Desired Qualification:</u> Sound knowledge of fundamentals of Image Processing is desired. Proficiency in MATLAB/Python and prior hands-on experience with related project is preferable. Experience in Deep Learning is desirable. The candidate is expected to have good communication skills and ability to cooperate within a team.
9.	Maximum Age	Below 35 Years
10.	Brief description of Project	This project intends to develop a Visual Positioning System which is lightweight and robust to Variation in the imaging. The objectives of the project are i) An accurate localization and positioning, ii) Efficient searching, indexing, updation of the map, and iii) Efficient utilization of the available reference information to switch between Local and Global Map.
11.	Job Description	The selected candidate is expected to perform Experimental set-up, Data Collection, Performing experiments to test novel ideas, and other tasks for the successful completion of the project.

The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **17 July 2021**. 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 04 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