



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D/2020-21/44

07 January 2020

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 08 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/SUK/20190033
2.	Project Title	Predictive Maintenance and Quality Control in industries under Industry 4.0
3.	Name of the Project Investigator	Dr. Sumit Kalra
4.	Duration of Initial Appointment	08 Months
5.	Name of Initial Appointment	Assistant Executive Project Engineer
6.	Post	01
7.	Salary Range	Rs. 26,300/- +HRA
8.	Minimum Qualification and Experience	<u>Eligibility:</u> B. Tech. with minimum 4 Years work experience or M. Tech. in Computer Science with minimum 2 years work experience. <u>Desirable Qualification:</u> Hands-on experience on software development and IoT systems, Android App Development.
9.	Age	Maximum Age Limit 45 Years
10.	Brief description of Project	The industrial manufacturers are always under pressure to stay competitive by improving efficiency, reducing maintenance costs, optimizing processes and using analytics to make better business decisions. The aim of this work is to design and develop an affordable solution that can help small and medium industries to maintain and predict the health of their industrial infrastructure proactively using predictive maintenance The overall key objectives are: 1. Collect real-time data from heterogeneous industrial IoT(IIoT) sensors 2. Design appropriate data infusion techniques to handle incompatible protocols and data 3. Real-time processing to ingest terabytes of unreliable, drifted sensor data to generate a reliable predictive analysis 4. Perform inference and data visualization to help the decision-making process using an interactive dashboard.

11	Job Description	Development of Android App with Cloud Backend Database.
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The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **21 January 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 08 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