Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: Letter No. DAR/27/2021, Dated 12.11.2021	**IIT (ISM) Project No.** IIT(ISM)/2021-2022/828/INSTITUTE	Date: Date of Notification 26/07/2022

Research Associate (Machine Learning/NLP Developer) position under IIT (ISM) Dhanbad Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Research Associate (Machine Learning/NLP Developer)
Number of Position (s)	One (1)
Title of The Project	Developing Inclusive Agriculture Ecosystem for Jharkhand: Application to Fintech and Blockchain
Sponsoring Agency	IIT (ISM) Dhanbad
Principal Investigator	Prof. Shashank Bansal, Department of Management Studies, IIT (ISM) Dhanbad, Email-shashank@iitism.ac.in.
Tenure of Project	Six months (6 months)
Job Description (in maximum of 100 words)	Machine Learning/NLP Developer will be responsible for the following: • Study and transform data science prototypes. • Design, train, develop and test NLP applications. • Identify appropriate annotated datasets for Supervised Learning methods. • Effectively transform natural language into useful features. • Find and implement suitable algorithms and tools for NLP tasks. • Perform statistical analyses of output and refine models. • Extend ML libraries and frameworks to apply in NLP tasks. • Remain up to date in the rapidly changing field of machine learning and identify innovations that present an opportunity.
Essential Qualification	Graduation in Engineering/Technology/Sciences from an institute of repute with a good track record.
Desirable Qualification	• 1+ years of experience as a Machine Learning Developer. • Proven experience as an NLP Engineer or similar role. • Understanding of NLP techniques for text representation (such as n-grams, a bag of words, sentiment analysis, etc.), semantic extraction techniques, data structures, modeling statistics, and classification algorithms.

	• Ability to design software architecture effectively. • Knowledge of Python, Java, and R. • Ability to write robust and testable code. • Experience with machine learning frameworks (like Keras or PyTorch) and libraries (like sci-kit-learn). • Experience in NetLogo.
Age and Relaxation (if any)	Preferably below 35 years (Relaxation as per GoI norms)
Salary	Rs. 30,000/- per month (Consolidated)
Last Date & Time	04/08/22 till 5 P.M

The candidates are required to submit a copy of their detailed resume with their photograph and enclose all relevant supporting documents regarding age, qualification, and experience through email shashank@iitism.ac.in within the due date.

The candidates are also required to bring the original certificates and supporting documents for verification at the time of joining. For further details, candidates may contact Prof. Shashank Bansal, Principal Investigator, IIT (ISM) Dhanbad Email- shashank@iitism.ac.in

Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.