



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

Sanction No and Date: Capgemini Project on 17 Sep 2021	IIT (ISM) Project No. CAPGEMINI/2021-2022/817/MS	Date: 01 Oct 2021
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Project Internship position under the project sponsored by Capgemini Technology Services India Ltd.

Applications are invited from the regular students of IIT (ISM) Dhanbad under the sponsored project. The details of the project are as under:

Position	Project Interns
Number of Position (s)	B.Tech. (Mechanical)/ M.Tech. (Mechanical, Maintenance Engineering & Tribology)- One position
Title of The Project	Predictive Analytics to Improve the Availability of the Manufacturing Equipment in Automotive Firms
Principal Investigator	Dr. Shikha Singh, Dept. of management Studies, IIT (ISM), Dhanbad
Tenure of Project	3 Months
Job Description	<ul style="list-style-type: none">• To identify the Machine Parameter's for failure – Vibration, Temperature, Noise, Flow etc.• To identify and improve the Overall Equipment Effectiveness (OEE) of the manufacturing facility to describe the health and efficiency of the facility.• To implement the machine maintenance and tribology concepts in order to improve the machine efficiency.• To be able to do the Modeling and Simulation of Dynamical Systems
Essential Qualification	Pursuing B.Tech. (Mechanical)/ M.Tech. (Mechanical, Maintenance Engineering & Tribology) in IIT ISM as a regular student.
Desirable Qualification	Should be able to work on modelling and simulation software such as: MATLAB or any other similar software
Age and Relaxation	NIL
Fellowship	18,000 per month
Last Date & Time	07.10.2021, 11:59 PM , Applications along with updated CV and supporting documents should be sent through mail to shikhas@iitism.ac.in

Shortlisted candidates will be informed by 07 October 2021 for the online interview to be held on 08 October 2021, 5 PM onwards. 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. This project internship will be completed under the mentorship of the Dr. Shikha Singh, DMS, IIT(ISM) Dhanbad. The project interns will be enrolled as an intern in the sponsor company and will receive the stipend directly from the M/s. Capgemini Technology Services India Limited. Final reporting and work completion status will be reported to the sponsored firm from time to time. The internship position is exclusively for current students of IIT (ISM) Dhanbad in year 2021.

(Signature of PI)