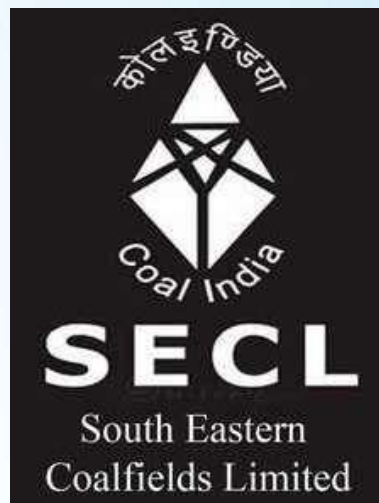


# Certificate Programme on Project and Financial Management with Application Software for Executives of SECL

22<sup>nd</sup> - 26<sup>th</sup> May, 2023



Sponsored by :-  
**SECL, Bilaspur**



Implemented by :-  
**Department of Management Studies  
and Industrial Engineering  
Indian Institute of Technology (ISM)  
Dhanbad-826004, Jharkhand**

## INTRODUCTION

To cope up with multidimensional complexities that include constrained resources, limited time schedules, and environmental issues, and great uncertainties involved in managing a mining project, new management perspectives, viewpoints, and advanced techniques are required that are different from traditional approaches. Knowledge on financial management is also critical for effective handling of coal mining projects. This program provides the managers with a comprehensive working knowledge of various critical issues pertaining to operational and financial aspects of project management in coal mining industry. The proposed course incorporates the application of project software and spreadsheet applications for solving various critical issues relating to mining projects. The program will include 18 sessions on Sustainable Development of Mining Projects and Star Ratings of Mines, Strategic Financial Management, Project Planning and Scheduling with Application Software, Risk Analysis and Management with Simulation Software, Costing Issues, and Working Capital Management on Mining Projects, Financial Appraisal of Projects and Financial Statement Analysis, Social Impact Assessment, and Sustainable Investment in Projects. This program will help the participants to take up the challenge of implementing the complex coal mining projects.

## OBJECTIVES

- The main objective of this program is to equip the participants with various tools, techniques, and managerial issues through interactive lecture sessions and discussions with case examples.
- This program will provide hands-on experience to the senior executives/officers/engineers of coal companies with latest tools & techniques of project and financial management using application software's.

## ABOUT THE DEPARTMENT

The Indian Institute of Technology (ISM) Dhanbad was established in 1926 along the line of Royal school of Mines, UK, and Department of Management Studies & Industrial Engineering was founded in 1977. It offers M. Tech, MBA, MBA in Business Analytics, & Ph.D. Program. The department is conducting various EDP/MDP/FDP program along with strong capabilities in executing R&D, and Consulting Projects for Government & Industry.

## INAUGURAL SESSION

Time	Activity
12: 30 PM- 12:35 PM	Welcoming the Dignitaries
12:35 PM - 12:40 PM	Lightning of the Ceremonial Lamp
12:40 PM - 12: 50 PM	About the Programme by Prof Rashmi Singh, Programme Coordinator
12:50 PM - 12:55 PM	Welcome Address by Prof Bibhas Chandra, HOD, MS&IE
12:55 PM - 1:00 PM	Address by Prof Sagar Pal, Dean (R&D), IIT(ISM), Dhanbad
1:00 PM - 1:05 PM	Special Address by Prof Dheeraj Kumar, Deputy Director, IIT(ISM), Dhanbad
1:05 PM - 1:15 PM	Presidential Address by Prof Rajiv Shekhar, Director, IIT(ISM), Dhanbad
1:15 PM - 1:25 PM	Introduction of the Participants
1:25 PM - 1:30 PM	Vote of Thanks by Prof Rashmi Singh
1:30 PM- 1:35 PM	Group Photography



## TOPICS FOR THE SESSIONS

Speaker's	Topic
Prof. Dheeraj Kumar Deputy Director, IIT (ISM)	Sustainable Development of Mining Projects and Star Ratings of
Prof. J. K. Pattanayak Professor (HAG), IIT (ISM)	Strategic Financial Management in Mining Projects
Prof. Prabal Sen Ex-Professor, XLRI Jamshedpur	Role of macroeconomic policy and inherent economic bottlenecks in industrial projects
Prof. Sandeep Mondal Professor, IIT (ISM) Dhanbad	Project Scheduling using Network Techniques
Prof. Rajni Singh Dean (M&B), Professor, IIT(ISM)	Leadership & Motivation Issues in Mining Projects
Prof. Rashmi Singh Assistant Professor, IIT (ISM)	Risk Analysis of Industrial projects
Prof. Niladri Das Associate Professor, IIT (ISM)	Financial Statement Analysis in Industrial Projects
Prof. Shashank Bansal Assistant Professor, IIT (ISM)	Cost and Financing Issues in Industrial Projects
Prof. Aparna Krishna Assistant Professor, IIT (ISM)	Social Cost Benefit Analysis in Mining Projects
Prof. Preeti Roy Assistant Professor, IIT (ISM)	Sustainable Investments in Projects

## PARTICIPANTS OF THE PROGRAM

There will be 20 participants from SECL at the level of Chief Managers, Senior Managers, Managers, and Deputy Managers from different areas of SECL.

## KEY RESOURCE PERSONS



Prof. Dheeraj Kumar  
Deputy Director,  
IIT (ISM) Dhanbad &  
Professor in Department  
of Mining Engineering



Prof. J. K. Pattanayak  
Professor (HAG),  
Department of  
Management Studies &  
Industrial Engineering,  
IIT (ISM) Dhanbad



Prof. Prabal Sen  
Ex-Professor, XLRI  
Jamshedpur



Prof. Rajni Singh  
Dean (M&B), Professor,  
HSS, IIT(ISM) Dhanbad



Prof. Sandeep Mondal  
Professor, Department of  
Management Studies &  
Industrial Engineering,  
IIT (ISM) Dhanbad



Prof. Rashmi Singh  
Assistant Professor,  
Department of  
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Industrial Engineering,  
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Associate Professor,  
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Prof. Shashank Bansal  
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Prof. Preeti Roy  
Assistant Professor,  
Department of  
Management Studies &  
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Prof. Aparna Krishna  
Assistant Professor,  
Department of  
Management Studies &  
Industrial Engineering,  
IIT (ISM) Dhanbad

### Event Organizer

Prof. Rashmi Singh (Program Coordinator)  
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