

An Initiative of IIT Guwahati TIDF

Short Course On

**PROJECT
MANAGEMENT
& EXECUTION**

By -

IIT Guwahati Faculty & Acclaimed Industry Experts

For : Engineers / Professionals



Date : 15th July 2023 (Saturday)

16th July 2023 (Sunday)

- **The program will be conducted online.**
- **IIT Faculty & Industry Experts will deliver lectures & have interactive sessions on the same platform for Core Sector Engineering Business.**
- **Course Completion Certificate will be issued by TIDF, IIT Guwahati to the Course Participants.**



IIT INDUSTRY INITIATIVE

**An Unique Model towards
Atmanirbhar Bharat**

Industry Partner

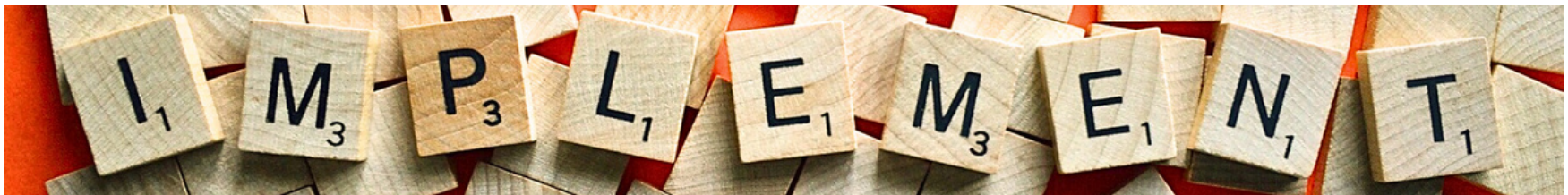
GBS ENERGY PVT LTD

About the Course

A well-conceived project may fail to achieve the desired goals or even may turn out to be a non-starter in an worst case, unless an appropriate execution and project management plan is put in place.

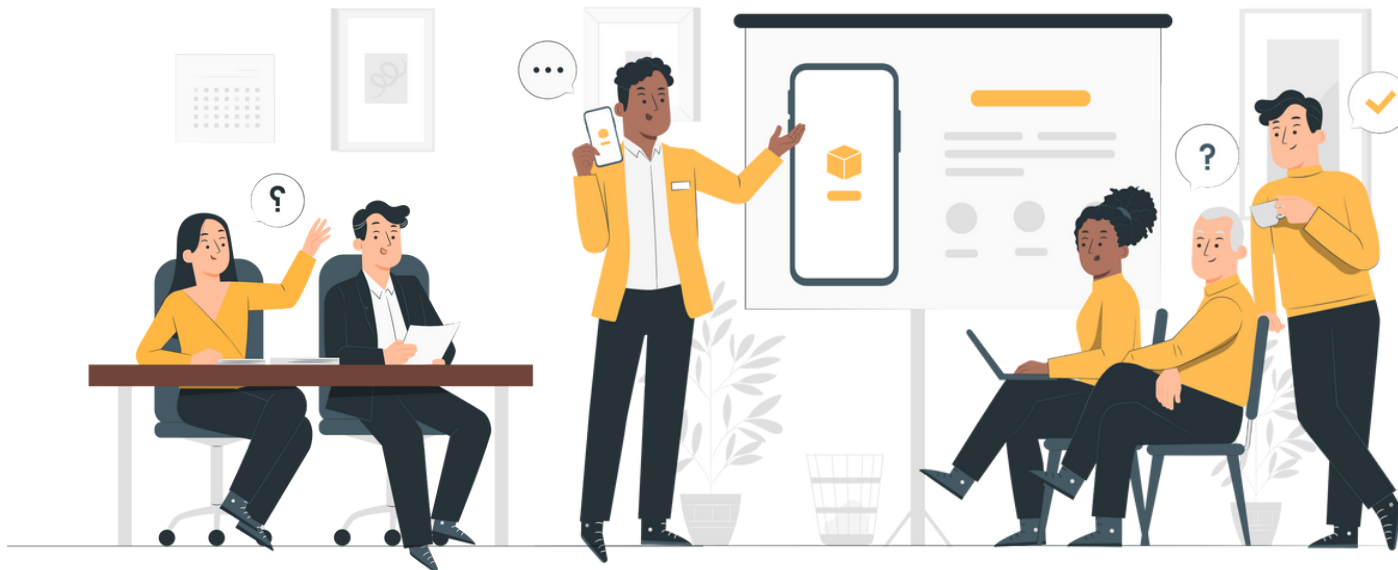
This particular short course has been designed to address such areas of project execution and management on core sector engineering business. These are not generally dealt with in engineering curricula at the undergraduate level. However the graduate engineers to some extent acquire such knowledge while on job. It was felt that to enhance the knowledge base of these engineers for effective and efficient project execution as well as improving operational efficiency of project management, additional industry relevant specific knowledge is very much essential.

Thus discussing with Industry Experts, the course topics have been finalised. The Industry Partner is GBS Energy Private Limited, operating as link between IIT & Industry. Participation of Acclaimed Industry Experts with proven track records from reputed companies like WBPDC, NHPC, CESC, Haldia Petrochemicals, Texmaco, McNally Bharat, Titagarh, Paharpur Cooling Towers etc. are organised by GBS Energy Private Limited, along with their own resources. One of the important feature of this programme is imparting the required knowledge on core sector engineering business, jointly by Team IIT / IITG faculty as well as vastly experienced Industry Experts, on same platform. It is likely to open up new vistas in enhancing the operational efficiency of young engineers in various core sectors of engineering business. This unique IIT Industry initiative will work as a model towards achieving the goal of Atmanirbhar Bharat.



Who Should Attend?

The objective is to train the cadre of Engineers / Professionals in core sector engineering business with appropriate knowledge in effective and efficient project execution as well as Project Management.



IIT GUWAHATI TIDF & INDUSTRY EXPERTS

RESOURCE TEAM

Dr. Nisith R. Mandal
FIE, FRINA.

Chair Professor Fellow
Technology Innovation Hub
IIT Guwahati

Former Professor & Head
Dept. of Ocean Engg &
Naval Architecture
IIT Kharagpur

Dr. Pratul Chandra
Kalita

Associate Professor School
of Business, IIT Guwahati

Dr. Abraham Cyril Issac

Asst Professor, School of
Business, IIT Guwahati

Mr. Niranjan Saha

Ex-Director, WBPDC
Director, GBS Energy Pvt Ltd

Dr. Pankaj Biswas

Professor, Dept. of
Mechanical Engineering,
IIT Guwahati

RESOURCE TEAM

Mr. Amitava Ghosh

Ex-Senior Vice
President, Texmaco,
Ex ED Titagarh,
Ex-President, Ommetal
Director, GBS Energy Pvt Ltd

Mr. Kalyan Bhattacharya

Vice President
(Export & Business
Development) Paharpur
Cooling Towers Ltd

Mr. Subir Ranjan Ghosh

Ex-Head, Plant & Projects,
Haldia Petrochemicals Ltd

Dr. Mukulesh Debnath

Vice President, Texmaco
Rail & Engg. Ltd

Mr. Pronob Mukerji

Ex-Director,
Engineers India Ltd

Mr. Sudhi Ranjan Ganguly

Technical Director,
GBS Energy Pvt Ltd,
Ex GRSE / Hindustan Paper

Mr. S. K Gupta

MD, Krane Manufacturing
India Private Ltd

Mr. Pritish Kumar Sen

CEO, Steel Tech, Ex-Tata
Steel, Ex-Head, INSDAG

Mr. Surajit Ray

Project Director,
GBS Energy Pvt Ltd, Ex-
WBSEB / Texmaco / MBE

RESOURCE TEAM

Mr. Abhijit Bishayee

Director,
ABBB Solutions Pvt Ltd,
Director, GBS Energy Pvt Ltd

Mr. Somenath Bhattacharyya

Reputed Steelwork
Designer / Expert in
Engineering Projects

Mr. D K Guha

Consultant, Ex- Texmaco

Mr. A K Bhowmick

Consultant,
Project Management

Mr. Arnab Banerjee

Director, Steel Tech

Mr. Amal Sengupta

Consultant,
Material Handling,
Mining & Steel Sectors



RESOURCE TEAM

Mr. Sarojkant Singh

Group Head General
Manager, McNally Bharat
Engineering Company Ltd

Mr. Arunava Dutta Gupta

Consultant, Ex- IISCO / SAIL

Mr. Goutam Mukherjee

Sr. Manager, Haldia
Petrochemicals Ltd

Mr. Debabrata Dey

Consultant, Ex-ED, WBPDCCL

Mr. Shyamal Saha

Consultant, Ex- GRSE,
Ex- Pipapav Shipyard

Mr. Tapendra Mohan Joardar

Ex-DGM, WBPDCCL



Programme Timeline



Day 1: Saturday - 15th July, 2023

14:00 - 14:30

Inauguration Session

14:30 - 16:00

Lecture 1 | Industry Experts / IITG Faculty

- i) Different Types of Projects and Project Environment
- ii) Project Strategy and Project Risk

16:00 - 17:30

Lecture 2 | Industry Experts / IITG Faculty

Project Execution & Strategy for Compressed Schedule :
Power / Steel / Petrochemical Sectors

17:30 - 18:00

Break

18:00 - 19:30

Lecture 3 | Industry Experts / IITG Faculty

Civil & Structural Design and Site Execution of Material
Handling Projects - Case Study of Coal Handling Plant

Day 2: Sunday - 16th July, 2023

14:00 - 15:30

Lecture 4 | Industry Experts / IITG Faculty

- i) Welding aspects in projects and Quality
- ii) Use of Artificial Intelligence in Welding Technology

15:30 - 17:00

Lecture 5 | Industry Experts / IITG Faculty

- i) Commercial / Contractual / Financial Aspects in Project Business
- ii) Team Building and Leadership in Projects

17:30 - 18:00

Break

17:30 - 19:00

Lecture 6 | Industry Experts / IITG Faculty

- i) Billing Schedule and Cash Flow Management
- ii) Procurement and Negotiation in Project Management

19:00 - 19:30

Interactive / Valedictory Session



Course Fee

The course participation fee is Rs. 8000/- per person.

For a group of 3 persons from one organization, it will be Rs. 20,000/-

The course will be conducted for limited no. of participants, on first cum first serve basis.

Payments are to be made by online bank transfer, The bank details are given below

Account Name: IIT Guwahati Technology Innovation and Development Foundation

Bank: Canara Bank

Account Number: 8652101030401

Branch: IIT Guwahati

IFS Code: CNRB0008652

Contact Us

Dr. N R Mandal

Chair Professor

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Technology Innovation and
Development Foundation,
IIT Guwahati

✉ **Email :** nrmandal@rnd.iitg.ac.in

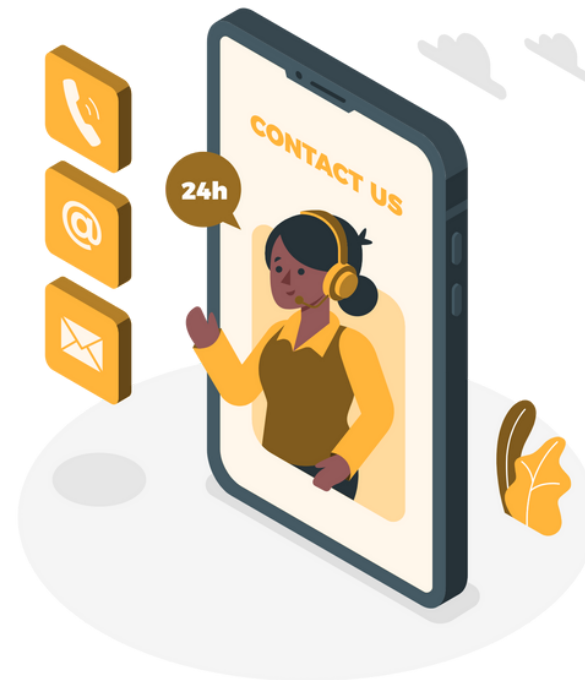
☎ **Phone No :** +91 9434017361

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☎ **Phone No :** +91 8450814381



Mr. Sarojkant Singh

Industry Associate

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☎ **Phone No :** +91 9830809765

Thank You

We hope your participation will enrich you in
Project Management & Execution