

# The 5 day Intensive Online Course.

(22<sup>nd</sup> - 26<sup>th</sup> June, 2021)

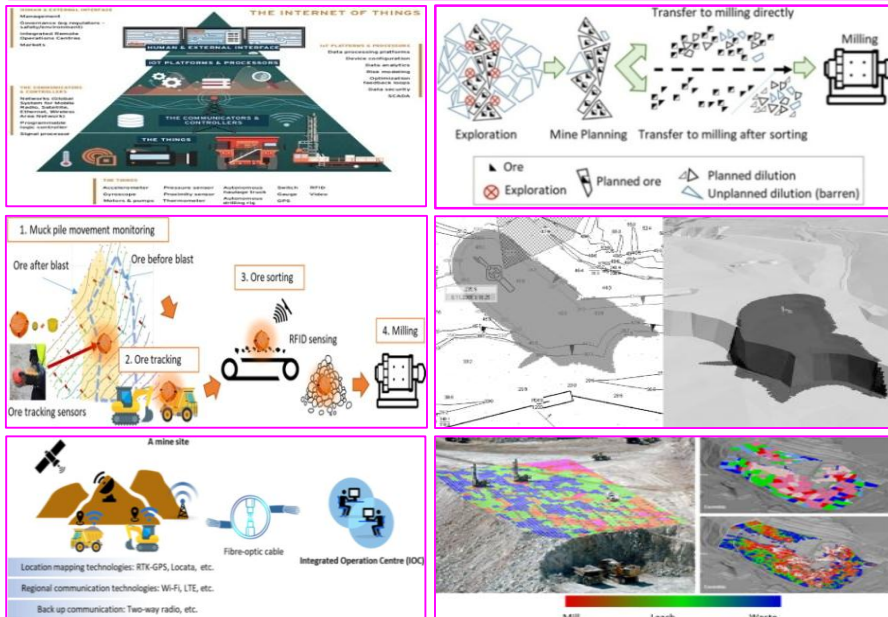


On

## “Digital Capability Enhancement for Performance Improvement”

**5 Day Teaching cum Tutorial Course**  
**Indian Standard Time: 10:00AM- 6:00 PM**  
**(With breaks), Course Code: DCEPI,2021**

**Department of Mining Engineering**  
**Indian Institute of Technology**  
**Kharagpur – 721302**



### Introduction:

This decade has been witnessing a gradual service shifts from physical to digital cum physical interfaces. Easy enabling software and service providers are helping organizations to migrate from brick and mortar structure to digital structure, albeit, not without challenges. Organizations of all sizes in public service or business struggle to compete in scale in highly dynamic environments. In response to competitive pressure, many customer specific entities use digital platforms to leverage their service strategy. Digital platforms are technologies that allow firms to homogenize, edit, and distribute data on an unprecedented scale. For example, new devices and software (e.g., advanced machinery) and network standards (e.g., peer-to-peer protocols) enable new features to emerge. Digital platforms are thereby transforming the way organizations build a better customer delivery capability. In fact, digital platforms play a central role in many firms' value propositions by enabling them to leverage information management.

In fact, digital platforms play a central role in many firms' value propositions by enabling them to leverage information management. For example, big data, artificial intelligence, and machine learning have become priorities for many organizations that complete in digital platform ecosystems. Thus, digital capability represents an emerging field that is challenging, helping improve the efficiency level and even diversifying to meet new customers, the fundamentals of organizational performance.

The obvious challenges are many: choosing the right platform, specifications requirements, assessment of service sustainability and security, training and continuity, creating monetary surplus, employment among many others

### Contents of the Course (including tutorials and laboratories):

1. Local to global communication platforms.
2. Optimization of the use of Net data connectivity.
3. Automation and remote office operations.
4. Big Data, AI and ML : How to harness digital capabilities.
5. Skill and talent acquisition in the digital interface.
6. Visual data. collection and interpretation.
7. Data warehousing.
8. Net and Online based selling and trading platforms.
9. System specifications and requirements for digital capability.
10. Cultural and behavioral issues of adoption of new tech.
11. Ethical issues and legal protection.
12. Hands on tutorial and sharing.

**Who should attend:**

For coal , Ore and minerals, Oil and gas Engineers, administrators and other professionals

**Course Fee:**

The fee of this online programme is Rs.19,990.00 per participant, **from India**, GST@18% will have to be paid as per Government of India rules.

**How to Join and Subscribe:**

Use the Link: (<https://erp.iitkgp.ac.in/CEP/courses.htm>)



In the above, detailed procedure for applying through IIT Kharagpur online course, registration portal is enclosed along with this brochure). Online payments can also be done through the link.

**After Confirmation:**

Please email the list of the participants, their designations, valid email address and mobile numbers as early as possible .

**Important**

**Please note all nominations would be considered as confirmed participation and would remain chargeable to the extent of a regular candidate as above, even if the candidate or his/her replacement fails to turn up. IIT, Kharagpur will not be in a position to negotiate on the above.**

**Payment Mode:**

All bulk payments from sponsoring agencies have to made by online through “RTGS & NIFT”.

**Bank Details and Electronics Transfer:  
Mechanism**

Name of the Account:	CEP- STC
Banks Name:	Syndicate Bank
Branch Name:	IIT Kharagpur
Account No. (as appearing on the Cheque book):	95562200002955
IFSC Code (Indian Financial System code for RTGS):	SYNB0009556
PAN No:	AAAJ10323G

**Strength:**

Apart from world class faculty the institute has state of the art laboratories for, safety and human factors lab, rescue and disaster management, and explosions labs. Different Institute laboratories will also be put to use.

**Faculty:**

The eminent resource persons and faculty of IIT, Kharagpur and other institutes, and personnel from the industry will conduct the lectures and tutorials.

**About the convener:**

Dr. Jayanta Bhattacharya, FNAE is a professor of standing in Mining and Environmental Engineering. He was member of EAC- 1 of MoEF and currently a member of SEAC, West Bengal Government. He has 8 books and more than 100 technical papers in many national and international journals. He works with many public and private agencies as consultants and advisors.

Address for Communications:

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