



GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
CENTRAL LABOUR INSTITUTE, MUMBAI

**Training programme on “Artificial Intelligence integrated OSH initiatives for enhanced productivity at workplace”
(08th May to 10th May 2024)**

About the course:

In today's dynamic work environment, organizations grapple with multifaceted challenges that can hinder productivity and team dynamics. AI emerges as a strategic ally, offering tailored solutions to address these challenges and plays a crucial role in enhancing workplace collaboration which may further helps in ensuring Occupational Safety & Health. AI systems facilitate real-time data analysis and seamless communication, enhancing teamwork and decision-making efficiency. The industries, now a days, taking several initiatives to integrate AI enabled tools and techniques to make the workplaces safer. This course has been designed to highlight those area where AI integrated Occupational Safety and Health initiatives are being explored for better productivity and how AI is going to solve real life problems at workplace.

Objective:

Higher Productivity is also directly linked with best practices and regular upgrades in Occupational safety and health domain. Where at one hand, new technologies including AI & ML have the capabilities to transform the workplace altogether, at the same time Integrating AI into the workplace also brings challenges, particularly in up-skilling the workforce and aligning AI strategies with ethical considerations and societal

impacts. Organizations must focus on developing AI literacy among employees, ensuring that the workforce is equipped to leverage

As AI continues to evolve, its integration into the workplace is not just about technological adoption but also about fostering a culture of continuous learning and adaptation. Organizations that successfully navigate this balance will be best positioned to capitalize on AI's transformative potential, driving innovation and competitive advantage in an increasingly AI-driven business landscape.

Course Highlight

- Introduction to OSH, Productivity and Quality and Interlinking of OSH and Productivity.
- Introduction to AI, ML and Drone technologies in OSH.
- AI based predictive analysis for potential hazards in Industries.
- Deep Learning & Transfer Learning Application in OSH.
- Real Time Monitoring and Alerts in Industries
- Use of AI in manufacturing and construction Sector.
- AI to identify personal exposure and AI augmented PPE
- Use of drone technology in Industries and relevant guidelines.
- National Policy on Safety Health and Environment at Workplace (NPSHEW).

Participation

Safety Managers, Safety Officers, Safety Professionals and Engineers connected with Hazardous/Non-hazardous Factories, Construction Site and Port or anyone interested to attend the program.

Date and Timings

Three days –08th May to 10th May 2024
from 1000 to 1700 hrs.

Venue

Conference Room of Central Labour Institute,
N.S Mankikar Marg, Sion, Mumbai, 400022

Fee details

Institution fee: Rs 5000/- (Rs Five thousand only) per participant through Bharatkosh portal (<https://bharatkosh.gov.in>).

Institution fee does not include any refreshment.

Payment procedures:

Log in to <https://bharatkosh.gov.in> / QuickPayment

Ministry: 021 Labour & Employment

Purpose: Training Fee or Course fee of the workshopconducted

Pav & Account Office (PAO): 030263-PAO (DGFASLI), Mumbai

DDO Code: 230265 (Administrative Officer, Central Labour Institute, Mumbai)

Remarks: “Artificial Intelligence integrated OSH initiatives for enhanced productivity at workplace”

Food & Accommodation:

To be managed by participants.

Nomination

For nominations please contact:

Course Coordinator: Shri Satyendra N Singh, Dy. Director,
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Course Director: Sh. G.P.Vijaykrishna, Director
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NOMINATION-CUM-REGISTRATION FORM

Training programme on “Artificial Intelligence integrated OSH initiatives for enhanced productivity at workplace”

(08th May to 10th May 2024)

AT

CENTRAL LABOUR INSTITUTE, SION, MUMBAI, 400 022

PARTICIPANT’S DETAILS

Name (Block Letters) :

Designation :

Address for Communication :

Age :

Qualification :

Total Experience :

Mobile No. :

DETAILS OF SPONSORING ORGANIZATION

Name & Address :

Telephone No. / Mobile No. :

E-mail :

Fax No. :

Accommodation : Required / Not Required

PAYMENT DETAILS : **bharatkosh receipt number** **dated.**

BELONGS TO :- :

(GEN / SC / ST / OBC / PH / NER*)

*=North Eastern Region

SIGNATURE