



GOVERNMENT OF INDIA
MINISTRY OF LABOUR & EMPLOYMENT
DGFASLI
CENTRAL LABOUR INSTITUTE, MUMBAI
(INDUSTRIAL SAFETY DIVISION)

**Workshop on Effective Utilization of
Artificial Intelligence, Machine
Learning and Drone Technology in
OSH inspection
From 6th to 8th March 2024**

ABOUTTHECOURSE

The convergence of Artificial Intelligence, Machine Learning and Drone Technology has revolutionized the realm of OSH inspections, enabling more effective hazard identification, risk assessment and compliance monitoring. By embracing these technologies, organizations can ensure safer workplaces and cultivate a culture of proactive safety management.

OBJECTIVE

In an ever evolving landscape of occupational safety and health (OSH) practices, the integration of cutting-edge technologies has proven to be a game-changer. This workshop aims to provide insights into the effective utilization of Artificial Intelligence (AI), Machine Learning (ML) and Drone Technology in OSH inspections, highlighting their benefits and applications.

COURSEHIGHLIGHT

- Understanding the technologies of AI, ML and Drone.
- How AI is transforming OSH inspection
- Role of ML in enhancing OSH inspection
- Advantages of Drones in OSH inspection
- Real time monitoring and alerts
- Minimizing human exposure to risk
- Predictive analysis for potential hazards
- Tracking and reporting safety violations
- National Policy on Safety Health & Environment at workplace
- Aligning AI,ML & Drone technology
- AI Powered hazard recognition
- Predictive maintenance through ML
- Aerial OSH inspection with Drone
- AI driven safety recommendations
- Automated compliance reporting
- AI-augmented PPE

PARTICIPATION

Managers, Officers, Supervisors and Safety Professionals connected with Production, Construction, Maintenance and Safety.

DATEAND TIMINGS

**Three days – From 6th to 8th March, 2024
from 1030 to 1700 hrs.**

VENUE

Conference Room of Central Labour Institute, Main Building, Sion, Mumbai – 400 022

ADMINISTRATIVEDETAILS

1) Institute fees: Rs.5000/- (Rupees five thousand only) per participant is payable through bharatkosh portal.

2) REGISTRATION: Interested candidates can register by sending duly filled in registration form by email to the training coordinator **on or before 04.03.2024** on first come first serve basis.

Institution fee @ Rs 5000/- (Rs Five thousand only) per participant through Bharatkosh portal (<https://bharatkosh.gov.in>) may be deposited online by using the following steps. Institution fee does not include any refreshment.

Payment procedures:

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

Quick Payment

Ministry: 021 Labour & Employment

Purpose: Training Fee or Course fee of the workshop conducted

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

DDO Code: 230265 (Central Labour Institute, Mumbai)

Remarks: AI, ML & Drone Technology from 6th to 8th March, 2024

ACCOMMODATION:

Limited accommodation on sharing basis may be available in the Institute hostel for outstation nominees only.

NOMINATION

Nomination preferably on company's letterhead may be sent, so as to reach to the Divisional-In-Charge, Industrial Safety Division, Central Labour Institute, N.S. Mankikar Marg, Sion, Mumbai –400 022, on or before **4th March 2024**.

Course Coordinator: Shri S. Datta Choudhury Dy. Director(Safety), MobileNo.7003008407.

Admission to the programme is subject to confirmation from this Institute or from the coordinator of the training programme.

Phone: 022-24060637/570

Fax: 022-24071986

Website : www.dgfasli.gov.in

E-mail: sdcd@dgfasli.nic.in

NOMINATION-CUM-REGISTRATION FORM

**Workshop on Effective Utilization of Artificial Intelligence, Machine Learning and
Drone Technology in OSH inspection
(From 6th to 8th March 2024)**

AT

CENTRAL LABOUR INSTITUTE, SION, MUMBAI-400022

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:

BELONGS TO:- :

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

*=North Eastern Region

SIGNATURE