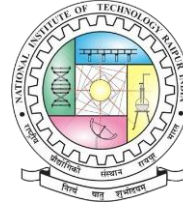




## 05 DAY SHORT-TERM TRAINING PROGRAM ON



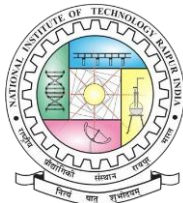
## OCCUPATIONAL HEALTH, INDUSTRIAL SAFETY, AND FIRST AID PREPAREDNESS IN SAFETY-CRITICAL WORKPLACES

**20<sup>TH</sup> SEPTEMBER TO 24<sup>TH</sup> SEPTEMBER 2025**

**COORDINATOR**

**DR. A. K. DASH**

**DEPARTMENT OF MINING, NIT RAIPUR**



**ORGANISED BY**

**DEPARTMENT OF MINING ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY,  
RAIPUR**

### **Course Objective:**

This Short-Term Training Program aims to enhance knowledge and skills in occupational health, industrial safety, and first aid practices essential for safety-critical workplaces. The program will equip participants with practical competencies to respond effectively to workplace emergencies, accidents, and health-related incidents. It focuses on building awareness of preventive safety measures, compliance with occupational health standards, and effective rescue operations. Emphasis will be given to hands-on training in first aid, emergency preparedness, and risk management strategies. The overall objective is to strengthen participants' capacity to promote a culture of safety, reduce occupational hazards, and ensure worker well-being in high-risk industrial environments.

### **Course Description:**

The Short-Term Training Program on "*Occupational Health, Industrial Safety, and First Aid Preparedness in Safety-Critical Workplaces*" is designed to provide participants with essential knowledge and practical skills for managing health and safety in high-risk industrial environments. The course emphasises occupational health principles, industrial safety standards, and preventive measures to minimise workplace hazards. Special focus will be given to first aid practices, rescue operations, and emergency preparedness through interactive lectures, demonstrations, and hands-on training. By integrating theoretical knowledge with practical exposure, the program aims to develop competent professionals capable of promoting workplace safety, ensuring worker well-being, and effectively responding to critical incidents in hazardous industries.

### **Course Outcomes:**

After successful completion of this STTP, participants will be able to:

**CO1:** Demonstrate knowledge of occupational health principles, industrial safety standards, and regulatory frameworks applicable to safety-critical workplaces.

**CO2:** Apply first aid techniques and emergency response strategies to manage workplace accidents, injuries, and health-related incidents effectively.

**CO3:** Analyze workplace hazards, assess associated risks, and recommend preventive and control measures to enhance safety culture.

**CO4:** Develop practical skills in rescue operations and emergency preparedness to handle critical situations in high-risk industrial environments.

**CO5:** Integrate occupational health, safety management, and first aid practices for promoting sustainable workplace safety and worker well-being.

**About the Institute:** National Institute of Technology Raipur is situated in the capital of the state of Chhattisgarh, India. It has proven to be 'avant-grade' in the field of science and technology over past few decades in this region with the sweet memories of foundation ceremony by the first Hon'ble President of India, Dr. Rajendra Prasad, on 14th September 1956. The institute started with two departments, namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our first Hon'ble Prime Minister of India, Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute is enjoying the status of the National Institute of Technology (An Institute of National Importance).

**About the Department:** The Department of Mining Engg. was established in the Year 1956 with intake capacity of only 15 students. Due to the increasing demand for mining engineers from the coal and mineral industry, the intake capacity has now risen to 97. Presently, the department is offering B. Tech. (Mining) and PhD course. The Department is equipped with state-of-the-art modern instruments and equipment for conducting various laboratory and research work.

**Venue:** Department of Mining Engineering, National Institute of Technology Raipur

**Registration Fee (including 18% GST):** Industry professionals, field Engineers/Research scholars/Staff, lab technicians, and students (B. Tech/M. Tech.): INR 590/-

Note: (i) Food will not be provided. (ii) The fee is non-refundable.

**Contact Information:** Dr. Ashish Kumar Dash, Course Coordinator,  
Mob: +91-9406148487

**For Registration through Online:**

<https://docs.google.com/forms/d/e/1FAIpQLScVSezM1m2JBFTREBvsogPUcZGMgR7YVkm1FwDEvyjzH7XuWw/viewform?usp=header>

**For Registration through Offline:**



**Account details:** Name of A/C Holder: Director NIT Raipur A/C No.: 38027633250 IFSC Code: SBIN0002852 Bank & Branch: S.B.I. (NIT Raipur Branch)



SCAN & PAY

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**Dr. P. K. Dewangan, Head, Department of Mining, NIT Raipur**

**Course Coordinator**

**Dr. A. K. Dash, Assistant Professor, Department of Mining, NIT Raipur**