



Report

Smart Industrial Safety Solutions

Organized by

Department of Electrical and Electronics Engineering

Date: 19th FEB 2024

Submitted by: Mr. M. srinu, Assistant Professor, Dept. of EEE

Resource Person: Mr. K. Sathish Kumar, Managing Director, Innovative Solutions, Bangalore

The session was started at 10 AM. The lecture was initiated by Dr. KBVSR Subrahmanyam, HOD-EEE Department. The resource person Mr. S. Arun was introduced by Mr. M. srinu, Assistant Prof. of EEE. The Smart industrial safety solutions are revolutionizing workplace safety by leveraging advanced technologies such as IoT, AI, and machine learning. By integrating sensors, data analytics, and automation, these solutions enable real-time monitoring, predictive maintenance, and timely alerts, thereby significantly reducing accidents and improving overall operational efficiency. This abstract explores the key components and applications of smart industrial safety solutions, highlighting their potential to enhance safety, reduce costs, and drive innovation across various industries, including manufacturing, construction, mining, and oil and gas. Manufacturing Monitor equipment health, predict failures, and optimize maintenance schedules. Construction Track worker locations, detect hazardous conditions, and implement safety protocols. Mining Monitor environmental conditions, detect gas leaks, and optimize resource utilization. Oil and Gas Monitor pipeline integrity, detect leaks, and optimize production processes



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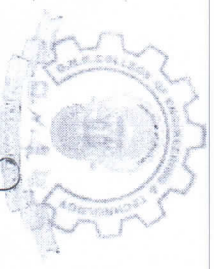
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CERTIFICATE PARTICIPATION INNOVATIVE SOLUTION PRIVATE LIMITED

This is to certify that Mr./Ms. K. Satya Roll No 229P1A0803 has participated in two-day workshop on "Smart Industrial Safety Solutions" organized by Department of Electrical and Electronics Engineering at DNR College of Engineering & Technology during 19-23 March 2024

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