

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018.



## ONLINE FIRE REPORTING SYSTEM

Submitted in partial fulfillment for the requirement of 5<sup>th</sup> semester for the

### Degree of Bachelor of Engineering in INFORMATION SCIENCE & ENGINEERING

For the Academic Year 2022-23

#### SUBMITTED BY

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#### Under the guidance of:

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**DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU-560074**  
**2022-23**

## SYNOPSIS

<b>College</b>	Don Bosco Institute of Technology
<b>Department</b>	Information Science and Engineering
<b>Course: B.E</b>	Information Science and Engineering
<b>Name of the Students and USN</b>	BHOOMIKA B S (1DB20IS028) BI BI FATHIMA (1DB20IS030)
<b>Project Title</b>	Online Fire Reporting System
<b>Under taken at</b>	Don Bosco Institute of Technology
<b>Guide</b>	<b>Name: Mrs. CHAITHRA G V      Dr. GOWRAMMA G S</b> <b>Designation:</b> Assistant Professor      Associative professor  <b>Signature:</b>

### Abstract:

The purpose of the “Online Fire Reporting System Project” is to automate the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements. It is a comprehensive document that outlines a proposed solution for creating an online system that allows citizens to quickly report fires and receive prompt assistance.

Online Fire Reporting System, as described above, can lead to an error-free, secure, reliable, and fast management system. It can assist the user to concentrate on their other activities rather than concentrate on record keeping. Thus, it will help organizations better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant while being able to reach the information.

# **TITLE**

## **ONLINE FIRE REPORTING SYSTEM**

**AIM:** The aim of an online fire reporting system project report is to develop a system that can automate the process of the reporting fires in a more efficient manner.

### **OBJECTIVES:**

1. Detection
2. Reflex action
3. Tracking
4. Maintain records.

### **METHODOLOGY:**

**Methodology for Objective-1:** To effectively and accurately record incidents of fires.

**Methodology for Objective-2:** To enable rapid response of emergency services in the event of a fire.

**Methodology for Objective-3:** To enable the tracking of fire incidents across jurisdictions.

**Methodology for Objective-4:** To enable the recording of relevant data associative with each fire incidents.

### **EXPECTED OUTCOME:**

The project titled as Online Fire Reporting System are designed to help streamline the reporting and tracking of fire incidents. The primary goals of these systems include improved communication between Firefighters, increased transparency in incident reporting, and improved accuracy in tracking data. Other potential outcomes of implementing an online fire reporting system ca include improved incident response times and improved compliance with regulations and standards.

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