A Project Report on

Road Accidents Acknowledgement

Submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

Submitted by

Aditya Pandey **(18P31A0501)**

Gaurav Kumar **(18P31A0521)**

Vishwajit Singh **(18P31A0558)**

Under the esteemed supervision of

Mrs. J. Divya Lalitha Sri, M. Tech (Ph.D)

Assistant Professor

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Surampalem, East Godavari District

Andhra Pradesh - 533 437

2018-2022

VISION

To induce higher planes of learning by imparting technical education with

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- ✓ Applied research
- ✓ Creative Ability
- ✓ Value based instruction and to emerge as a premiere institute.

MISSION

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- ✓ Innovative Research And development
- ✓ Industry Institute Interaction
- ✓ Empowered Manpower

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PRINCIPAL
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SURAMPALEM- 533 437

Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437

Department of Computer Science and Engineering

VISION

- ✓ To become a center for excellence in Computer Science and Engineering education and innovation.

MISSION

- ✓ Provide state of art infrastructure.
- ✓ Adapt Skill based learner centric teaching methodology.
- ✓ Organize socio-cultural events for better society.
- ✓ Undertake collaborative works with academia and industry.
- ✓ Encourage students and staff self-motivated, problem-solving individuals using Artificial Intelligence.
- ✓ Encourage entrepreneurship in young minds.

Head of the Department

Head of the Department
Dept.of CSE
Aditya College of Engineering
& Technology
SURAMPALEM-533437

Aditya College of Engineering & Technology
Aditya Nagar, ADB Road, Surampalem - 533437

Department of Computer Science and Engineering

Program Educational Objectives

PEO 1	Capability to design and develop new software products as per requirements of the various domains and eligible to take the roles in various government, research organizations and industry
PEO 2	More enthusiastic to adopt new technologies and to improve existing solutions by reducing complexity which serves society requirements as per timeline changes
PEO 3	With good hands-on basic knowledge and ready improve academic qualifications in India or abroad.
PEO 4	Ability to build and lead the team to achieve organizational goals

Head of the Department

Head of the Department
Dept.of CSE
Aditya College of Engineering
& Technology
SURAMPALEM-533437

Department of Computer Science and Engineering

PROGRAM SPECIFIC OUTCOMES

PSO 1: The ability to design and develop computer programs for analyzing the data.

PSO 2: The ability to analyze data & develop Innovative ideas and provide solution by adopting emerging technologies for real time problems of software industry.

PSO 3: To encourage the research in software field that contribute to enhance the standards of human life style and maintain ethical values.

Head of the Department

Head of the Department
Dept.of CSE
Aditya College of Engineering
& Technology
SURAMPALEM-533437

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project work entitled, " **ROAD ACCIDENTS ACKNOWLEDGEMENT ",** is a bonafide work carried out by **ADITYA PANDEY (18P31A0501), GAURAV KUMAR (18P31A0521), VISHWAJIT SINGH (18P31A0558),** in partial fulfillment of the requirements for the award **of the degree of Bachelor of Technology** in **COMPUTER SCIENCE AND ENGINEERING** from Aditya College of Engineering and Technology, Surampalem, during the academic year 2021-2022.

This project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT SUPERVISOR
Mrs. J. Divya Lalitha Sri,
M. Tech (Ph.D)
Assistant Professor

HEAD OF THE DEPARTMENT
Dr. M. Anil Kumar,
M. Tech
Professor

EXTERNAL EXAMINER

DECLARATION

We hereby declare that this project entitled " **ROAD ACCIDENTS ACKNOWLEDGEMENT** " has been undertaken by us and this work has been submitted to Department of Computer Science & Engineering, **ADITYA COLLEGE OF ENGINEERING AND TECHONOLOGY,** Surampalem affiliated to JNTUK, Kakinada, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **COMPUTER SCIENCE AND ENGINEERING.**

We further declare that this project work has not been submitted in full or part to any other University or educational institute for the award of any degree or diploma.

PROJECT ASSOCIATES

Aditya Pandey (18P31A0501)

Gaurav Kumar (18P31A0521)

Vishwajit Singh (18P31A0558)

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PROJECT ASSOCIATES

Aditya Pandey (18P31A0501)

Gaurav Kumar (18P31A0521)

Vishwajit Singh (18P31A0558)

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ABSTRACT

In recent years, road accident has become a global problem and are marked as the ninth prominent cause of death in the world. Due to the enormous number of road accidents every year, it has become a major problem in India. It is entirely inadmissible and saddening to allow its citizen to kill by road accidents. Consequently, to handle this overwhelmed situation, precise analysis is required.

Here we proposed the real-time application which is useful for the government sector as well as travelers, to avoid and tackle accidents. Here, traffic safety represents an important part of our lives, so it is necessary to continuously improve within all possible and available opportunities and resources.

Our proposed system describes one possibility of how to use the collected data about traffic accidents to mine frequent patterns and important factors causing different types of accidents.

Here we provide two Sub-System, one for a user and another for traffic police (nearby police station). Users can have access to data, which is represented over a map. In the map, red color marker represents a high probability of accident whereas yellow and green color represents the mild and low probability of an accident.

The Same goes for another sub-system which is handled by the police, and they will maintain the database. Using the data, they can be more active at a particular time.