

A MINOR PROJECT REPORT
ON
SMART SURVEILLANCE SYSTEM FOR PUBLIC
SAFETY USING DEEP LEARNING

*Submitted in partial fulfillment of the requirement.
for the award of the degree of*

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND ENGINEERING

By

Jahnavi Akurathi 21P61A0505

Under the esteemed guidance of

Dr. M. VENKATESWARA RAO

Professor, Dept. of CSE

Department of Computer Science and Engineering



(A UGC Autonomous Institution; Approved by AICTE, Accredited by NBA & NAAC-A Grade, Affiliated to JNTUH)
Aushapur Village, Ghatkesar Mandal, Medchal Malkajigiri (District) Telangana-
501301

December -2024

A MINOR PROJECT REPORT
ON
SMART SURVEILLANCE SYSTEM FOR PUBLIC
SAFETY USING DEEP LEARNING

*Submitted in partial fulfillment of the requirement.
for the award of the degree of*

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND ENGINEERING

By

Ramakanth Cheruku 21P61A0551

Under the esteemed guidance of

Dr. M. VENKATESWARA RAO

Professor, Dept. of CSE

Department of Computer Science and Engineering



Counselling Code : **VBIT**
VIGNANA BHARATHI®
Institute of Technology

(A UGC Autonomous Institution, Approved by AICTE, Accredited by NBA & NAAC-A Grade, Affiliated to JNTUH)

Aushapur Village, Ghatkesar Mandal, Medchal Malkajigiri (District) Telangana-
501301

December -2024

A MINOR PROJECT REPORT
ON
SMART SURVEILLANCE SYSTEM FOR PUBLIC
SAFETY USING DEEP LEARNING

*Submitted in partial fulfillment of the requirement.
for the award of the degree of*

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND ENGINEERING

By

Dheeravath Mounika 22P65A0505

Under the esteemed guidance of

Dr. M. VENKATESWARA RAO

Professor, Dept. of CSE

Department of Computer Science and Engineering



Counselling Code : **VBIT**
VIGNANA BHARATHI®
Institute of Technology

(A UGC Autonomous Institution, Approved by AICTE, Accredited by NBA & NAAC-A Grade, Affiliated to JNTUH)

Aushapur Village, Ghatkesar Mandal, Medchal Malkajigiri (District) Telangana-
501301

December -2024

DECLARATION

I, **Jahnavi Akurathi**, bearing hall ticket number **21P61A0505**, hereby declare that the Mini project report entitled “**Smart Surveillance System for Public Safety Using Deep Learning**” under the guidance of **Dr. M. Venkateswara Rao**, Professor, Department of Computer Science and Engineering, **Vignana Bharathi Institute of Technology, Hyderabad**, have submitted to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering.

This is a record of bonafide work carried out by us and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

Jahnavi Akurathi 21P61A0505

DECLARATION

I, **Ramakanth Cheruku**, bearing hall ticket number **21P61A0551** hereby declare that the Mini project report entitled “**Smart Surveillance System for Public Safety Using Deep Learning**” under the guidance of **Dr. M. Venkateswara Rao**, Professor, Department of Computer Science and Engineering, **Vignana Bharathi Institute of Technology, Hyderabad**, have submitted to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering.

This is a record of bonafide work carried out by us and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

Ramakanth Cheruku 21P61A0551

DECLARATION

I, **Dheeravath Mounika**, bearing hall ticket number **22P65A0505** hereby declare that the Mini project report entitled “**Smart Surveillance System for Public Safety Using Deep Learning**” under the guidance of **Dr. M. Venkateswara Rao**, Professor, Department of Computer Science and Engineering, **Vignana Bharathi Institute of Technology, Hyderabad**, have submitted to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering.

This is a record of bonafide work carried out by us and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

Dheeravath Mounika 22P65A0505



Aushapur (V), Ghatkesar (M), Hyderabad, Medchal – Dist, Telangana – 501 301.

**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE

This is to certify that the major project titled “**Smart Surveillance System for Public Safety Using Deep Learning**” Submitted by **Jahnvi Akurathi (21P61A0505)**, B. tech, IV-I semester, Department of Computer Science & Engineering is a record of the bonafide work carried out by them.

The Design embodied in this report have not been submitted to any other University for the award of any degree.

INTERNAL GUIDE

Dr. M. Venkateswara Rao

Professor, CSE Dept.

HEAD OF THE DEPARTMENT

Dr. Raju Dara

Professor, CSE Dept.

EXTERNAL EXAMINER



Aushapur (V), Ghatkesar (M), Hyderabad, Medchal – Dist, Telangana – 501 301.

**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE

This is to certify that the major project titled “**Smart Surveillance System for Public Safety Using Deep Learning**” Submitted by **Ramakanth Cheruku (21P61A0551)**, B.tech, IV-I semester, Department of Computer Science & Engineering is a record of the bonafide work carried out by them.

The Design embodied in this report have not been submitted to any other University for the award of any degree.

INTERNAL GUIDE

Dr. M. Venkateswara Rao

Professor, CSE Dept.

HEAD OF THE DEPARTMENT

Dr. Raju Dara

Professor, CSE Dept.

EXTERNAL EXAMINER



Aushapur (V), Ghatkesar (M), Hyderabad, Medchal – Dist, Telangana – 501 301.

**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

CERTIFICATE

This is to certify that the major project titled “**Smart Surveillance System for Public Safety Using Deep Learning**” Submitted by **Dheeravath Mounika (22P65A0505)** B.tech, IV-I semester, Department of Computer Science & Engineering is a record of the bonafide work carried out by them.

The Design embodied in this report have not been submitted to any other University for the award of any degree.

INTERNAL GUIDE

Dr. M. Venkateswara Rao

Professor, CSE Dept.

HEAD OF THE DEPARTMENT

Dr. Raju Dara

Professor, CSE Dept.

EXTERNAL EXAMINER

