# DR. V.R.K WOMEN'S COLLEGE OF ENGINEERING AND TECHNOLOGY

**Approved by AICTE & Premitted by Government of Telangana State**
**Affiliated to Jawaharlal Nehru Technological University Hyderabad**

Aziznagar (V), Moinabad (M), R.R. Dist. 500 075 - T.S.
Contact No. 7893044962 / 08413235962
Website : www.drvrkwomenscollege.com

## PROJECT WORK COMPLETION DETAIL

The following students of **DR VRK Women's College of Engineering and Technology** have successfully completed the project work for the **Academic Year 2022-23** from our college

| SNo. | H.T. No | Name of the Student | Title of the Project | Place | Duration of the Project | Student's Signature |
|------|---------|---------------------|----------------------|-------|-------------------------|---------------------|
| 1. | 21H81D5801 | FARHEEN BANU | SUPERMARKET BILLING USING WEBCAM | IN HOUSE | 03/04/2023 TO 12/08/2023 | |
| 2. | 21H81D5803 | USAMA AHMED | DRIVER DROWSINESS MONITORING SYSTEM USING VISUVAL BEHAVIOUR AND MACHINE LEARNING | IN HOUSE | 03/04/2023 TO 12/08/2023 | |

HOD

PRINCIPAL

PRINCIPAL
Dr. VRK Womens College of Engg. & Tech.
Aziz Nagar, Moinabad, R.R. Dist.

# DR. V.R.K WOMEN'S COLLEGE OF ENGINEERING AND TECHNOLOGY

**Approved by AICTE & Premitted by Government of Telangana State**
**Affiliated to Jawaharlal Nehru Technological University Hyderabad**

Aziznagar (V), Moinabad (M), R.R. Dist. 500 075 - T.S.
Contact No. 7893044962 / 08413235962
Website : www.drvrkwomenscollege.com

The following students DR.V.R.K Women's college of Engineering and technology have successfully completed the project work for the academic year 2022-23.

## M.TECH II YEAR

## CSE DEPARTMENT

## INDEX

A

**Dissertation Work**

ON

# SUPERMARKET BILLING USING WEBCAM

Submitted To

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

In partial fulfilment of the requirement for

the award of degree of

## MASTER OF TECHNOLOGY

In

## COMPUTER SCIENCE AND ENGINEERING

By

## FARHEEN BANU (H.T.NO:21H81D5801)

Under the Guidance of

## Mr. DR.B SASI KUMAR (PRINCIPAL)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## DR.V.R.K WOMEN'S COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to JNTUH, Hyderabad, Approved by

AICTE) Hyderabad-500097 2022-2023

# DR.V.R.K WOMEN'S COLLEGE OF ENGINEERING & TECHNOLOGY

## (Affiliated to JNTUH, Hyderabad)

### Department of Computer Science Engineering



## CERTIFICATE

This is to certify that the dissertation work entitled "SUPERMARKET BILLING USING WEBCAM" is being submitted by FARHEEN BANU bearing a Roll No. 21H81AD5801 under partial fulfilment of the requirements for the award of the degree of MASTERS OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, is a bonafide work carried out under my guidance and supervision during the academic year 2022-2023.

Mr.DR.B SASI KUMAR

PRINCIPAL

Dr. VRK Womens College of Engg. & Tech.
Aziz Nagar, Moinabad, R.R. Dist.

# DECLARATION

I hereby declare that the work which is being presented in this dissertation entitled "SUPERMARKET BILLING USING WEB CAM", submitted towards the partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science Engineering, DR.V.R.K.W, AZIZNAGAR, is an authentic record of our own work carried out under the supervision of Mrs. , Assistant Professor, Department of CSE, DR.V.R.K.W, AZIZNAGAR. To the best of our knowledge and belief, this Major project bears no resemblance with any report submitted to DR.V.R.K.W or any other University for the award of any degree or diploma.

Internal Examiner

External Examiner

HOD
HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
DR. VRK WOMEN'S COLLEGE OF
ENGINEERING & TECHNOLOGY

Principal
PRINCIPAL
Dr. VRK Womens College of Engg. & Tech.
Aziz Nagar, Moinabad, R.R. Dist.

# DECLARATION

I hereby declare that the work which is being presented in this dissertation entitled "DRIVER DROWSINESS MONITORING SYSTEM USING VISUAL BEHAVIOR AND MACHINE LEARNING", submitted towards the partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science Engineering, DR.V.R.K.W, AZIZNAGAR, is an authentic record of our own work carried out under the supervision of Mrs. _____, Assistant Professor, Department of CSE, DR.V.R.K.W, AZIZNAGAR. To the best of our knowledge and belief, this Major project bears no resemblance with any report submitted to DR.V.R.K.W or any other University for the award of any degree or diploma.

Internal Examiner

External Examiner

HEAD OF THE DEPARTMENT
COMPUTER SCIENCE & ENGINEERING
DR. VRK WOMEN'S COLLEGE OF
ENGINEERING & TECHNOLOGY

Principal

PRINCIPAL
VRK Womens College of Engg. & Tech.
Aziz Nagar, Moinabad, R.R. Dist.

A

**Dissertation Work**

**ON**

**DRIVER DROWSINESS MONITORING SYSTEM USING VISUAL BEHAVIOR
AND MACHINE LEARNING**

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**

In Partial Fulfilment of the Requirement

For the Award of Degree Of

**MASTER OF TECHNOLOGY**

In

**COMPUTER SCIENCE AND ENGINEERING**

By

**USAMA AHMED (H.T.NO:21H81D5803)**

Under the Guidance of

**Mr.DR.B SASI KUMAR**



DR.VRK WOMENS COLLEGE OF
ENGG & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

**DR.V.R.K WOMEN'S COLLEGE OF ENGINEERING & TECHNOLOGY**

**(Affiliated to JNTUH, Hyderabad)**

**AZIZNAGAR (V), MOINABAD (M), RR DIST-75**

**2021-2023**

# DR.V.R.K WOMEN'S COLLEGE OF ENGINEERING & TECHNOLOGY

## (Affiliated to JNTUH, Hyderabad)

## Department of Computer Science Engineering



## CERTIFICATE

This is to certify that the Dissertation work entitled **"DRIVER WSINESS MONITORING SYSTEM USING VISUAL BEHAVIOR AND MACHINE LEARNING"** is being submitted by **USAMA AHMED** bearing a Roll No. **21H81AD5803** under partial fulfilment of the requirements for the award of the degree of **Master of Technology** in **Computer Science Engineering**, is a bonafide work carried out by **her** under my guidance and supervision during the academic year 2021-2023.

Dr. B Sasi Kumar
PRINCIPAL
Principal
Dr. VRK Womens College of Engg. & Tech.
Dr. V.R.K Women's College of Engg. and Technology R. Dist.