



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

SWASTHA WASTE MANAGEMENT

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

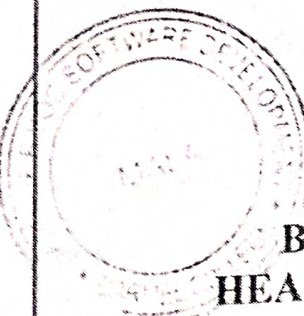
**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

**ABHIRAMI ANILKUMAR
REG NO: CRASBVW001**

UNDER THE SUPERVISION OF

**SINISHA GEORGE
ASSISTANT PROFESSOR ON CONTRACT
B.VOC SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA**


Beena
**BEENA ANTU
HEAD OF THE DEPT**

Sinisha
**SINISHA GEORGE
SUPERVISOR**

**HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE MALA**

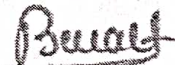


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This is to certify that the project titled "SWASTHA WASTE MANAGEMENT" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, Kochi, submitted by ABHIRAMI ANILKUMAR (Reg. No. CRASBVW001) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


Ms. Beena Antu

Head, Dept. of Vocational Studies

HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

INTELLIGENT FARMING

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THERE QUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

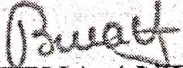
B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021

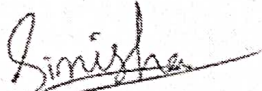
SUBMITTED BY

ADHEENA MARY
REGNO:CRASBVW002

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SINISHA GEORGE
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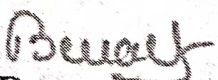


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This is to certify that the project titled "INTELLIGENT FARMING" done at Carmel College, Mala. With the support of Iroid Technologies, Thrissur, submitted by ADHEENA MARY (Reg.No.CRASBVW002) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 -2021, is a record of the bonafide work done by her under our supervision and guidance.


Ms. Beena Antu

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HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

MOBILE FIRE EVACUATION

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE
OF BACHELOR OF VOCATIONAL STUDIES

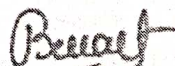
**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

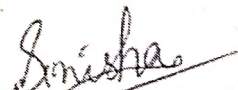
SUBMITTED BY


**A FEEFA SHERIN
REGNO: CRASBVW003**

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This is to certify that the project titled "MOBILE FIRE EVACUATION" done at Carmel College, Mala. With the support of Star Innovations, Thrissur, submitted by AFEEFA SHERIN(Reg.No.CRASBVW003)in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 -2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms. Beena Antu

Head, Dept. of Vocational Studies

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SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

BON VOYAGE

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THERE QUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

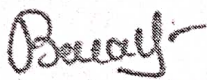
**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**


SUBMITTED BY

**AISWARY BABY
REGNO:CRASBVW004**

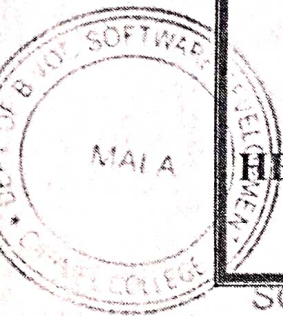
UNDER THE SUPERVISION OF

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CARMEL COLLEGE, MALA**


**BEENA ANTU
HEAD OF THE DEPT**


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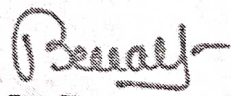


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This is to certify that the project titled "BON VOYAGE" done at Carmel College, Mala. With the support of Iroid Technologies, Thrissur, submitted by AISWARYA BABY (Reg.No.CRASBVW004) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 -2021, is a record of the bonafide work done by her under our supervision and guidance.


Ms. Beena Antu

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CARMEL COLLEGE MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

ROAD LANE LINE DETECTION

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF VOCATIONAL
STUDIES

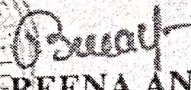
B.VOC Software Development
SIXTH SEMESTER 2020-2021


SUBMITTED BY


ALEENA VARGHESE
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CRASBVW005

UNDER THE SUPERVISION OF

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Date:24/04/2020

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This is to certify that the project titled "ROAD LANE LINE DETECTION" done at Carmel college Mala submitted by ALEENA VARGHESE(REG NO:CRASBVW005) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College Mala affiliated to University of Calicut during 2020-2021, is a record of the bonfide work done by her under our Supervision and guidance

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Head Dept of Vocational Studies

HEAD. DEPT. OF B VOC
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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

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DISCOVER CROSS-MODEL HUMAN BEHAVIOR ANALYSIS

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR THE DEGREE OF BACHELOR OF VOCATIONAL STUDIES

BVOC SOFTWARE DEVELOPMENT

SIXTH SEMESTER 2020-2021

SUBMITTED BY

AMRITHA T A

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This is to certify the project titled "DISCOVER CROSS-MODEL HUMAN BEHAVIOR ANALYSIS" done at Carmel College, Mala. with the support of IROHUB INFOTECH PVT.LTD. KALOOR ERNAKULAM, submitted by AMRITHA T A (Reg. No.CRASBVW006) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020-2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms. Beena Antu

Head, Dept. of Vocational Studies

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MISSION JP4

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

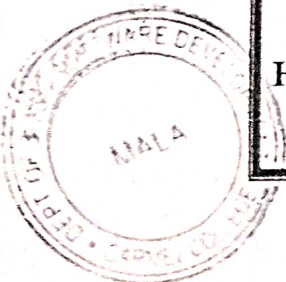
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REG NO: CRASBVW007**

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SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

CREDIT CARD FRAUD DETECTION USING HISTORICAL TRANSACTION DATA

A MAIN PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021

SUBMITTED BY

ARYA V.S

REG NO: CRASBVW008

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Date: 29/09/2021

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This is to certify that the project titled "CREDIT CARD FRAUD DETECTION USING HISTORICAL TRANSACTION DATA" done at Carmel college Mala submitted by ARYA V.S (REG NO: CRASBVW008) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College Mala affiliated to University of Calicut during 2020-2021, is a record of the bonfide work done by her under our Supervision and guidance

Ms. BEENA ANTU

Head Dept of Vocational Studies

HEAD, DEPT. OF B.VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

**Detection and Recognition of Objects in Image Caption Generator System: A
Deep Learning Approach**

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

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This is to certify that the project titled Detection and Recognition of Objects in Image Caption Generator System: A Deep Learning Approach submitted by DHISHNA P D (Reg. No. CRASRBVW009) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

Beena
Ms. Beena Antu

Head, Dept. of Vocational Studies

HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
C



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

LOCALERT

A MAINPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
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B.VOC SOFTWARE DEVELOPMENT

SIXTH SEMESTER 2018-2021

SUBMITTED BY

DIVYA T.P

REG NO: CRASBVW010

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SINISHA GEORGE

SUPERVISOR



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Ms BEENA ANTO

Head, Dept of vocational studies

HEAD, DEPT. OF B VOC
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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited with A Grade)

**IOT BASED ACCIDENT DETECTION AND
REPORTING SYSTEM**

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2018-2021**

SUBMITTED BY

**GOPIKRISHNA P.P
REG NO: CRASBVW012**

UNDER THE SUPERVISION OF

**ANU AUGUSTIN
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Beena

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This is to certify that the project titled "IOT BASED ACCIDENT DETECTION AND REPORTING SYSTEM." submitted by GOPIKRISHNA P.P (Reg. No. CRASBVW012) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2018 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

Beena

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Head, Dept. of Vocational Studies

**HEAD. DEPT. OF B VOC
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CARMEL COLLEGE, MALA**



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

**A SECURITY MODEL FOR PRESERVING THE PRIVACY OF A
MEDICAL BIG DATA IN A HEALTH CARE CLOUD USING A FOG
COMPUTING FACILITY WITH PAIRING BASED CRYPTOGRAPHY**

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
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**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

**HADIYA
REG NO: CRASBVW013**

UNDER THE SUPERVISION OF

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This is to certify that the project titled "A SECURITY MODEL FOR PRESERVING THE PRIVACY OF A MEDICAL BIG DATA IN A HEALTH CARE CLOUD USING A FOG COMPUTING FACILITY WITH PARING BASED CRYPTOGRAPHY" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, ERANAKULAM submitted by HADIYA (Reg. No. CRASBVW013) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


Ms. Beena Antu

Head, Dept. of Vocational Studies

HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

DEEP MATRIX FACTORISATION WITH IMPLICIT FEEDBACK EMBEDDING FOR RECOMMENDATION SYSTEM

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021

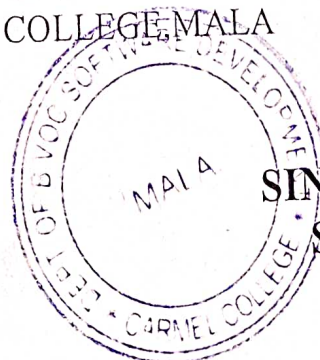
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MEERA K S
REG NO: CRASBVW014

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This is to certify that the project titled "DEEP MATRIX FACTORISATION WITH IMPLICIT EMBEDDING FOR RECOMMENDATION SYSTEM" done at Carmel College, Mala. With the support of Irohuh Technologies, Ernakulam, submitted by MEERA K S (Reg. No. CRASBVW014) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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CARMEL COLLEGE, MALA
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ELECTRONIC TRADING

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021

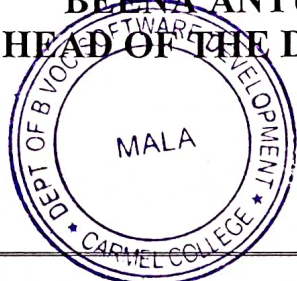
SUBMITTED BY

P ASHWINI MOHAN
REGNO: CRASBVW015

UNDER THE SUPERVISION OF

SINISHA GEORGE
ASSISTANT PROFESSOR ON CONTRACT
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CARMEL COLLEGE, MALA


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HEAD OF THE DEPT




SINISHA GEORGE
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This is to certify that the project titled "ELECTRONIC TRADING" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, Kochi, submitted by P ASHWINI MOHAN (Reg.No.CRASBVW015) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 -2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms.BeenaAntu

Head,Dept.of Vocational Studies

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CARMEL COLLEGE. MALA



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(Nationally Accredited With A Grade)

PRE-K

A MAINPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE
OFBACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT

SIXTH SEMESTER 2020-2021

SUBMITTED BY

REVEENA K R
REG NO: CRASBVW016

UNDER THE SUPERVISION OF

SINISHA GEORGE

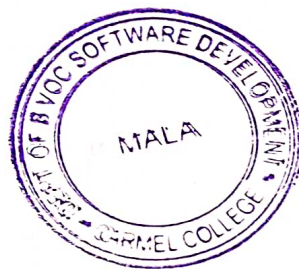
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Beena Antu

BEENA ANTU

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This is to certify that the project titled "PRE-K" done at Carmel College, Mala submitted by REVEENA K R (Reg. No. CRASBVW016) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut 2020-2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms. BEENA ANTU

Head Dept. of Vocational Studies

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CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

TOURIST GUIDE

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

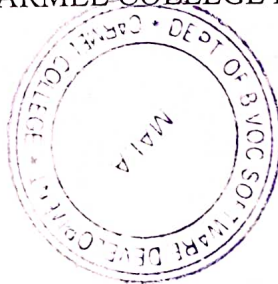
B.VOC Software Development
SIXTH SEMESTER 2020-2021

SUBMITTED BY
SREELAKSHMI MOHANAN
REG NO: CRASBVW017

UNDER THE SUPERVISION OF

ANU AUGUSTIN

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Beena

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This is to certify that the project titled “**TOURIST GUIDE**” done at Carmel college Mala submitted by SREELAKSHMI MOHANAN (Reg. No. CRASBVW017) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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(Nationally Accredited With A Grade)

FAKE NEWS DETECTION

**A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF VOCATIONAL
STUDIES**

**B.VOC Software Development
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

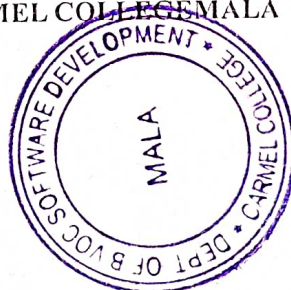
**UNNIMAYA K U
REGNO:
CRASBVW018**

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This is to certify that the project titled "Fake News Detection" done at Carmel college Mala submitted by Unnimaya K U (Reg. No. CRASBVW018) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

**WEED PLANT DETECTION FROM
AGRICULTURAL FIELD IMAGES**


A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES


**B.VOC SOFTWARE DEVELOPMENTS
SXI SEMESTER 2020-2021**

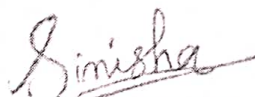
**SUBMITTED BY
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REG NO: CRASBVW019**

**UNDER THE SUPERVISION OF
SINISHA GEORGE**

**ASSISTANT PROFESSOR ON CONTRACT
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This is to certify that the project titled "WEED PLANT DETECTION FROM AGRICULTURAL FIELD IMAGES" submitted by AGNA DAVIS(Reg. No. CRASBVW019) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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Head, Dept. of Vocational Studies

HEAD, DEPT. OF B VOC
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CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

ASSISTED EMAIL FOR BLINDS

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

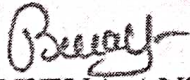
**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**


SUBMITTED BY

**ANAGHA K. R
REG NO: CRASBVW020**

UNDER THE SUPERVISION OF

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This is to certify that the project titled "ASSISTED EMAIL FOR BLIND" done at Carmel College, Mala. With the support of Star Innovations, Thrissur, submitted by ANAGHA K R (Reg. No. CRASBVW020) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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Head, Dept. of Vocational Studies

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CARMEL COLLEGE MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

RECIPE FINDER

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

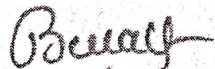
**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**


SUBMITTED BY

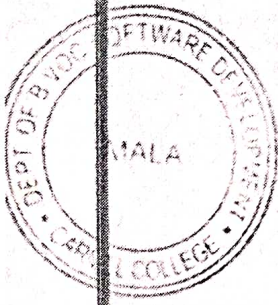
**ANNCRIZZLE JOSE
REG NO: CRASBVW021**

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This is to certify that the project titled "RECIPE FINDER" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, ERNAKULAM submitted by ANNCRIZZLE JOSE (Reg. No. CRASBVW021) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

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(Nationally Accredited With A Grade)

CORONA GUARD

A MAIN PROJECT SUBMITTED TO CALICUT UNIVERSITY IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE
OF BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT

SIXTH SEMESTER 2018-2021

SUBMITTED BY

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This is to certify that the project titled "CORONA GUARD" done at RAMBUS IT SOLUTIONS, chalakudy submitted by ANNMARIYA P J (CRASBVWO22) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 – 2021, is a record of the bonafide work done under by her under our supervision and guidance.

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CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

**DETECTION OF VIOLENCE & ABUSIVE
CONTENT IN SOCIAL MEDIA**

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

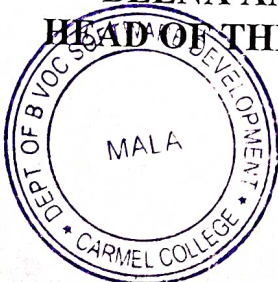
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**APARNA K K
REG NO: CRASBVW023**

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This is to certify that the project titled "DETECTION OF VIOLENCE & ABUSIVE CONTENT IN SOCIAL MEDIA" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, Kochi, submitted by APARNA K K (Reg. No. CRASBVW023) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

**CROWD COUNTING & MONITORING
FOR SURVEILLANCE VIDEOS**

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

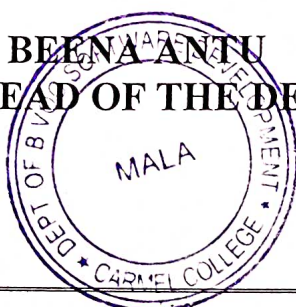
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**APARNA SAJEEVAN
REGNO:CRASBVW024**

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Date:24/04/2020

CERTIFICATE

This is to certify that the project titled "CROWD COUNTING AND MONITORING FOR SURVILLANCE VIDEOS" done at Carmel college Mala submitted by Aparna Sjeevan(REG NO:CRASBVW024) in partial fullfilment of the requirement of Bachelor of Vocational Studies of Carmel CollegeMala affiliated to University of Calicut during 2020-2021, is a record of the bonfide work done by her under our Supervision and guidance


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Head Dept of Vocational Studies

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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

**DETECTION AND PREVENTION OF
PHISHING WEB SITES USING MACHINE
LEARNING APPROACH**

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE
OF BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT

SEMESTER 2020-2021

SUBMITTED BY

ARSHA V S

REGNO: CRASBVW025

UNDER THE SUPERVISION OF


SINISHA GEORGE

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Date:

CERTIFICATE

This is to certify that the project titled "DETECTION AND PREVENTION OF PHISHING WEBSITE USING MACHINE LEARNING" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES, ERANAKULAM submitted by ARSHA V S (Reg. No. CRASBVW025) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.


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PEDESTRIAN DETECTION SYSTEM

A MAIN PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021

SUBMITTED BY

ATHIRA T A
REG NO: CRASBVW026

UNDER THE SUPERVISION OF

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Date : 15/04/2021

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This is to certify that the project titled "PEDESTRIAN DETECTION SYSTEM" done at Carmel College, Mala. With the support of Irohuh Technologies, Ernakulam, submitted by ATHIRA T A (Reg. No. CRASBVW026) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

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BVOCLEARN APP

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2019-2020

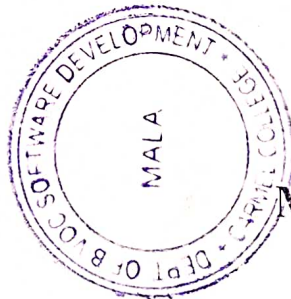
SUBMITTED BY

CHRISTY JOY
REG NO: CRASBVW027

UNDER THE SUPERVISION OF

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ASSISTANT PROFESSOR ON CONTRACT
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MS. SINISHA GEORGE
SUPERVISOR

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Date :

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This is to certify that the project titled "BVOCLEARN APP" done at Carmel college Mala submitted by CHRISTY JOY (REG NO: CRASBVW027) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 – 2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms. Beena Antu

Head, Dept. of Vocational Studies

**HEAD. DEPT. OF B VOC
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- CARMEL COLLEGE. MALA**



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

PLANT DISEASE DETECTION SYSTEM

A MINIPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF VOCATIONAL
STUDIES

**B.VOC Software Development
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

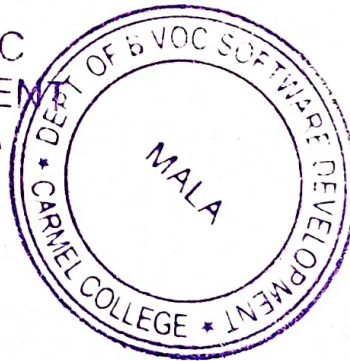
**LAKSHMY V S
REGNO:
CRASBVW028**

UNDER THE SUPERVISION OF

**ANU AUGUSTIN
ASSISTANT PROFESSOR ON CONTRACT B.VOC
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Anu
**ANU AUGUSTIN
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Date:24/04/2020

CERTIFICATE

This is to certify that the project titled "PLANT DISEASE DETECTION SYSTEM" done at Carmel college Mala submitted by LAKSHMY V.S(REG NO: CRASBVW028) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College Mala affiliated to University of Calicut during 2020-2021, is a record of the bonfide work done by her under our Supervision and guidance

Beena

Ms. BEENA ANTU
Head Dept of Vocational Studies

HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

ATM SECURITY

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

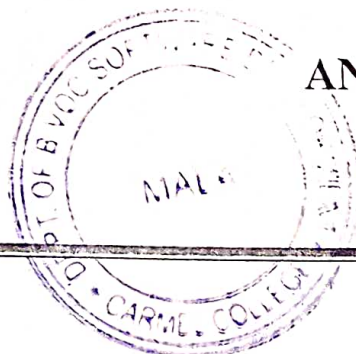
SUBMITTED BY

**SILPA CHANDRABABU
REG NO: CRASBVW029**

UNDER THE SUPERVISION OF

ANU AUGUSTIN
ASSISTANT PROFESSOR ON CONTRACT
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CARMEL COLLEGE, MALA

BEENA ANTU
HEAD OF THE DEPT
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This is to certify that the project titled "ATM SECURITY" done at Carmel College, Mala. With the support of IROID TECHNOLOGIES ,Kochi, submitted by SILPA CHANDRABABU (Reg. No. CRASBVW029) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

Ms. Beena Antu

Head, Dept. of Vocational Studies

**HEAD, DEPT. OF B VOC
SOFTWARE DEVELOPMENT
CARMEL COLLEGE, MALA**



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

CAR RENTAL

A MAINPROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE
DEGREE OF BACHELOR OF VOCATIONAL STUDIES

B.VOC SOFTWARE DEVELOPMENT

SIXTHSEMESTER 2018-2021

SUBMITTED BY

SINTA ROSE

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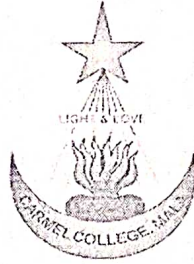
This is to certify that the project titled "CAR R ENTAL" done at Carmel College, Mala submitted by SINTA R OSE (Reg. No. CRASBWW030) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut 2020-2021, is a record of the onafide work done by her under our supervision and guidance.

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Ms. BEENA ANTU

Head Dept. of Vocational Studies

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CARMEL COLLEGE, MALA



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

FACIAL EMOTION ANALYSIS USING DEEP CONVOLUTION NEURAL NETWORK

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

SUBMITTED BY

**SNEHA JOHNSON
REG NO: CRASBVW031**

UNDER THE SUPERVISION OF

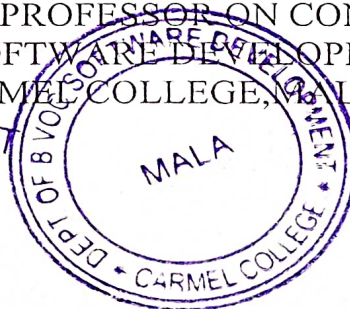
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This is to certify that the project titled "Facial Emotion Analysis using Deep Convolution Neural Network" done at Carmel College, Mala. With the support of IROHUB INFOTECH PVT. LTD. KALOOR ERNAKULAM, submitted by SNEHA JOHNSON (Reg. No. CRASBVW031) in partial fulfillment of the requirement of Bachelor of Vocational Studies of Carmel College, Mala affiliated to University of Calicut during 2020 - 2021, is a record of the bonafide work done by her under our supervision and guidance.

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CARMEL COLLEGE, MALA
Ms. Beena Antu

Head, Dept. of Vocational Studies



CARMEL COLLEGE, MALA
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DRIVER DROWSINESS DETECTION SYSTEM

A PROJECT SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES

**B.VOC SOFTWARE DEVELOPMENT
SIXTH SEMESTER 2020-2021**

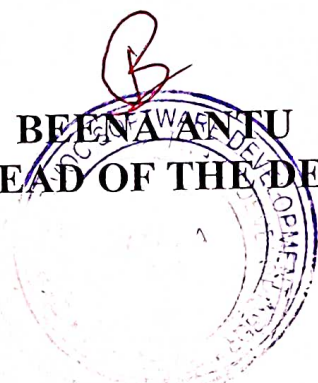
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