PROVIDENCE WOMEN'S COLLEGE
CALICUT
Department of Computer Science

CERTIFICATE

This is to certify that the project report entitled "GAS LEAKAGE AND FIRE DETECTION USING RASPBERRY PI" submitted by Afna , Abhinaya A V , Dharmaja , Sony Gudiya T M to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them, under my supervision and guidance.The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

Project Guide : Ms Sharanya VP

Dept. of Computer Science
Providence Women's College
Calicut-9

HOD: Ms Savitha S V

Certified that the candidate was examined by us in the project Viva Voce Examination held on ......30/.4/.22.......

Examiners:

1. Binsi P Brohu 30/4/22
2. Savitha. S. V   30/4/2022

Date: 30/4/22

PROVIDENCE WOMEN'S COLLEGE
Department of Computer Science
CALICUT

CERTIFICATE

This is to certify that the project report entitled *"SECURED QR-CODE BASED MESSAGE SHARING SYSTEM USING CRYPTOGRAPHY AND STEGANOGRAPHY"* submitted by Ayana Babu, Manasa T P, Sherin Aboobacker, Khadeeja Ziya to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them under my supervision and guidance. The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

Dept. of Computer Science
Providence Women's College
Calicut-9

Project Guide : Ms Shilka M V

HOD:Ms Savitha S V

Certified that the candidate was examined by us in the project Viva Voce Examination held on

3 /4/ 22

Examiners:

1. Binsi P 30/4/22

2. Savitha S V 30/4/2022

Date: 30/4/22

PROVIDENCE WOMEN'S COLLEGE

CALICUT

Department of Computer science

CERTIFICATE

This is to certify that the project report entitled "DIGITAL BIN" submitted by Meghna Basil P.T, Krishna Praveen, Aavani.K, Navya T.P to the University of Calicut for the award of the degree of Bachelor of Science (B.Sc.) in Computer Science is a bonafide record of the project work carried out by them, under my supervision and guidance. The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

Dept. of Computer Science
Providence Women's College
Calicut-9

Project Guide: Mrs.Sharanya V.P

HOD:Mrs.Savitha S.V
21/04/2022

Certified that the candidate was examined by us in the project Viva Voce Examination held on ......30/4/22.....

Examiners:

1. Binsi P Brown 30/4/22

2. Savitha. S.V 30/4/22

Date: 30/4/22

PROVIDENCE WOMEN'S COLLEGE
CALICUT
Department of Computer Science

CERTIFICATE

This is to certify that the project report entitled **"ROBOT VEHICLE"** submitted by Aysha Haneen E, Haneena Haseeb P K, Ifthiya Thanha u, Nadha Femina P P to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them ,under my supervision and guidance. The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

Dept. of Computer Science
Providence Women's College
Calicut-9

21/4/22

Project Guide : Ms Anna Jacob

21/04/2022

HOD: Ms Savitha S V

rtified that the candidate was examined by us in the project Viva Voce Examination held on .... **30/4/22**......

Examiners:

1. Binsi P Broh

2. Savitha.s.v   30/04/2022

Date: **30/4/22**

PROVIDENCE WOMEN'S COLLEGE
Department of Computer Science
CALICUT

CERTIFICATE

This is to certify that the project report entitled "*AGRICULTURAL CHAT BOT AND ANALYSIS OF PLANT DISEASES* " submitted by AnanyaPadmanabhan, Navajyothi S S, Varsha C, Dilshana N to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them,under my supervision and guidance.The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

ANNA
21/4/22

Dept. of Computer Science
Providence Women s College
Calicut-9

21/04/2022

Project Guide : Ms Shilka MV   HOD: Ms Savitha S V

Certified that the candidate was examined by us in the project Viva Voce Examination held on ...30/4/22...

Examiners:

1. Binsi P Bahu

2. Savitha S V   30/4/2022

PROVIDENCE WOMEN'S COLLEGE
Department of Computer Science
CALICUT

CERTIFICATE

This is to certify that the project report entitled "RENT A CYCLE" submitted by Gopika Prasoon, Shabthab U V, Farwa Naushad Ali, Punya DS to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them, under my supervision and guidance. The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

21/4/22

Project Guide : Mrs Anna Jacob

Dept. of Computer Science
Providence Women s College
Calicut-9

04/2022

HOD: Mrs Savitha S V

Certified that the candidate was examined by us in the project Viva Voce Examination held on 30/4/22

Examiners:

1. Binsi P 30/4/22
2. Savitha. S. v 30/4/2022

2

PROVIDENCE WOMEN'S COLLEGE
CALICUT
Department of Computer Science

CERTIFICATE

This is to certify that the project report entitled *"POWERLINE DETECTION SYSTEM"* submitted by Aysha Vasma, Megha K V, Rania Zahra, Sheikha Shefeeq M to the University of Calicut for the award of the degree of Bachelor of Science(B.Sc.) in Computer Science is a bonafide record of the project work carried out by them, under my supervision and guidance. The content of the report, in full or parts have not been submitted to any other institute or University for the award of any other degree or diploma.

Project Guide : Ms Sharanya VP
Dept. of Computer Science
Providence Women's College
Calicut-9

HOD: Savitha S V
Dept. of Computer Science
Providence Women's College
Calicut-9

Certified that the candidate was examined by us in the project Viva Voce Examination held on ....30/4/22..............

Examiners:
1. Binsi P Brahu 30/4/22
2. Savitha. S. V 30/4/2022

Date: 30/4/22