

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
RUBRICS

Course Name- Project Phase-2

Course Code -CSE84

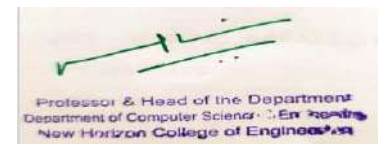
Academic Year: 2020-21

	Excellent(S) (100%)	Very Good (A) (80%)	Good (B) (60%)	Fair(C) (40%)	Unsatisfactory(D) (0)
Problem Statement (Synopsis)	<p>Domain specific problem statement that focuses on latest technology in computer science with exact outcomes specified and aligned to societal issues.</p> <p>Project has critical thinking to solve problems</p>	<p>Domain specific problem statement that focuses on latest technology in computer science.</p> <p>There are very few or too many outcomes specified and have little impact on societal issues.</p> <p>Project has critical thinking</p>	<p>Domain specific problem statement that focuses on latest technology in computer science.</p> <p>There are very few or too many outcomes specified and have little impact on societal issues. Project has critical thinking involved.</p>	<p>Domain specific problem statement that focuses on existing technology in computer science.</p> <p>There are very few outcomes specified and have very less impact on societal issues.</p> <p>Solve problems and think critically, but not in depth or in a sustained way</p>	<p>Irrelevant Problem statement and has no outcomes defined and no critical thinking involved</p>
Design and Implementation	<p>All required concepts implemented meeting the objectives with excellent GUI.</p> <p>Project has authentic features implemented and has real impact on the real world issues.</p> <p>Usage of latest tools</p>	<p>Concepts implemented meeting most of the objectives with appropriate GUI.</p> <p>Has authentic features implemented with little impact on societal issues.</p> <p>Usage of latest tools</p>	<p>Project has authentic functionality with appropriate front end implemented but they may be limited or feel contrived.</p> <p>Usage of latest tools</p>	<p>Project has authentic functionality but doesn't have societal importance and no latest tools used.</p>	<p>Project looks like traditional schoolwork with No authentic features implemented and have no impact on real world concerns.</p>

Documentation (Report Submission)	Clearly and effectively documented including descriptions of all concepts and tools used. Specific purpose is noted for each concept designed and implemented + Plagiarism Check Report with acceptable limit below 5%	Clearly documented including descriptions of all concepts and tools used. Plagiarism Check Report with acceptable limit below 10%	Basic documentation has been completed including descriptions of all concepts. Purpose is noted for each function + Plagiarism Check Report Plagiarism Check Report with acceptable limit below 15%	Basic documentation has been completed including descriptions of all concepts. + Plagiarism Check Report with acceptable limit below 25%	No documentation included. No Plagiarism check
Individual Contribution to the project	Distribution of workload among the team members is clearly defined, the goal of the project is fully achieved and the student contributed his/her 100% to achieve the goal of the project.	Distribution of workload among the team members is clearly defined, the project is fully completed and the student contributed partially to finish the work allocated to him/her.	Distribution of workload among the team members is not clearly defined, the goal of the project is partially achieved and student does not contribute to achieve the allocated work.	Distribution of workload among the team members is clearly defined, the goal of the project is not achieved and student does not contribute to achieve the allocated work.	Distribution of workload among the team members is not clearly defined, the goal of the project is not achieved and student does not contribute to achieve the allocated work.

Vaishali

Coordinator



HOD



**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“FOODDROID“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**SHREYAS C -1NHCS17122
VARUN RAJESH MAKHIJA -1NHCS17137
VISHNU VARDHAN V -1NHCS17143**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Dr.Pamela Vinitha Eric
Professor
Dept. of CSE**

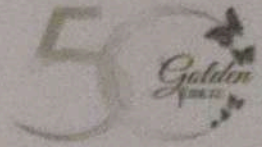
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "FOODDROID" is a bonafide work carried out by SHREYAS C (1NH17CS122), VARUN RAJESH MAKHIJA (1NH17CS137), VISHNU VARDHAN V (1NH17CS143) in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Pamela
28/7/21

Signature of Guide
(Dr. Pamela Vinitha Eric)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-1 (CSE77)

REPORT ON

“CREDIT CARD FRAUD DETECTION “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**MD AQUIB JAWED 1NH17CS077
DEV KANTA SASMAL 1NH17CS151
MOHD UMAR KHAN 1NH17CS158**

Under the guidance of

Dr. Clara Kanmani A

Associate Professor,

Dept.of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled “**CREDIT CARD FRAUD DETECTION**” is a bonafied work carried out by **MD AQUIB JAWED(1NH17CS077)**, **DEV KANTA SASMAL(1NH17CS151)**, **MOHD UMAR KHAN(1NH17CS158)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Clara Kanmani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“AI MULTI-AGENT SHOPPING SYSTEM“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MUSHTAQ AHAMED K S -1NH17CS086

MAHESH N-1NH17CS088

PRASANNA KUMAR P-1NH17CS098

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. Thirukkumaran R

Associate Professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled "AI MULTI-AGENT SHOPPING SYSTEM" is a bonafide work carried out by PRASANNA KUMAR P (INH17CS098), MUSHTAQ AHAMED K S (INH17CS086), MAHESH N (INH17CS088) in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

31.2.21

Signature of Guide
(Dr. Thirukkumaran R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

V²- VIZARD VISUALIZER

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**DEEPEN SHRESTHA -1NH17CS034
DIPESH SHRESTHA -1NH17CS039
GAURAV SHRIVASTAVA -1NH17CS044**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Dr. S. Sridevi
Associate Professor
Dept. of CSE**

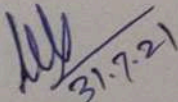
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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Bangalore – 560103**



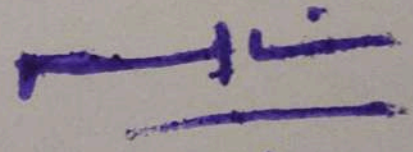
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled **V²-Vizard Visualizer** is a bonafide work carried out by **DEEPEN SHRESTHA (1NH17CS034)**, **DIPESH SHRESTHA (1NH17CS039)**, **GAURAV SHRIVASTAVA (1NH17CS044)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

for. 
31.7.21

Signature of Guide
(Dr. S. Sridevi)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“PRODUCTION FORECASTING”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SAMHITHA MUDIAM – 1NH17CS085

PRAJWAL SV – 1NH17CS097

SUSHMITHA GS – 1NH17CS131

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. R. Jaya

Associate Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "PRODUCTION FORECASTING" is a bonafide work carried out by SAMHITHA MUDIAM (1NH17CS085), PRAJWAL SV (1NH17CS097), SUSHMITHA GS (1NH17CS131) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of guide
(Dr. R. Jaya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with Date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“BITCOIN PREDICTION”

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**N M ABHISHEK-1NH17CS087
THIMMANAGOWDA M U-1NH17CS133
VIDYANANDA ALUR-1NH17CS160**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. K VINODHA

Associate Professor
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled “**BITCOIN PREDICTION**” is a bonafide work carried out by **NM ABHISHEK (1NH17CS087), THIMMANAGOWDA M U(1NH17CS132), VIDYANANDA ALUR (1NH17CS160)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. K VINODHA)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT(CSE84)

ON

“WHIP-SMART“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

DEEKSHA S 1NHCS17033

DEEPTHI S 1NHCS17035

HARINI M 1NHCS17050

DURING

ACADEMIC YEAR 2020-21

Under the guidance of

Dr. Rachana P

Associate Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

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Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "Whip-Smart" is a Bonafede work carried out by **Deepthi.S (1NH17CS035)**, **Deeksha.S (1NH17CS033)**, **Harini.M (1NH17CS050)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Rachana P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“DROWSINESS DETECTOR”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AAYUSH SONI - 1NH17CS019

BISHAL SONI - 1NH17CS026

JEHAN K E - 1NH17CS055

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. Sivabalan

Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

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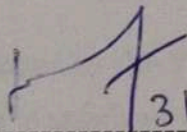
Bangalore – 560103



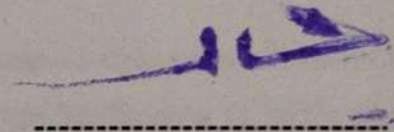
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled "DROWSINESS DETECTOR" is a bona fide work carried out by **Aayush Soni (1NH17CS019)**, **Bishal Soni (1NH17CS026)**, **Jehan K E (1NH17CS055)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


31/7/2021

Signature of Guide
(Mr. Sivabalan)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“FACIAL EMOTION RECOGNITION AND DETECTION”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NIVEDITHA C B -1NH17CS094

PRAVEEN C -1NH17CS100

PRANAV S -1NH17CS734

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Dept. of CSE

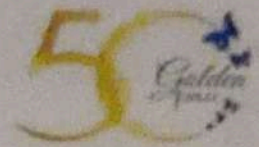
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Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "**FACIAL EMOTION RECOGNITION AND DETECTION**" is a bonafide work carried out by **NIVEDITHA C B (1NH17CS094)**, **PRAVEEN C (1NH17CS100)**, **PRANAV S (1NH17CS734)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

Signature of Principal
(Dr. Manjunatha)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON
“VIOLATION DETECTION IN COLLEGE”**

Submitted in partial fulfilment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

A L CHAITANYA KRISHNA – 1NH17CS017

B R LAYA – 1NH17CS025

B M SHRAVANI – 1NH17CS027

***DURING*
ACADEMIC YEAR 2020-2021**

Under the guidance of

Ms. Pramilarani K
Senior Assistant Professor
Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

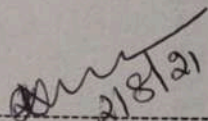
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



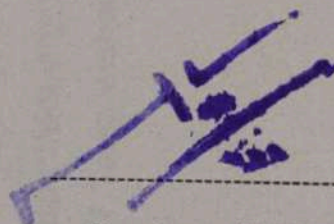
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "VIOLATION DETECTION IN COLLEGE" is a bonafide work carried out by **A L CHAITANYA KRISHNA (1NH17CS017)**, **B R LAYA (1NH17CS025)**, **B M SHRAVANI (1NH17CS027)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


21/8/21

Signature of guide
(Ms. Pramilarani K)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with Date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

**“VOICE BASED MESSAGE SYSTEM FOR VISUALLY
IMPAIRED PEOPLE“**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**LATHA K -1NH17CS067
S SATHISH KUMAR -1NH17CS114
NAGESH S -1NH17CS089**

Under the guidance of

Ms. S. SHANMUGA PRIYA

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

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Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "VOICE BASED MESSAGE SYSTEM FOR VISUALLY IMPAIRED PEOPLE" is a bonafide work carried out by S SATHISH KUMAR (1NH17CS114), LATHA K (1NH17CS067), NAGESH S (1NH17CS089) in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

S. Shanmuga Priya
2/8/2021

Signature of Guide
(Ms. S. Shanmuga Priya)

Dr. B. Rajalakshmi

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“QUICK PEEK “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

BALANTHERAN THORANRAJ -1NH17CS706

ARGHA ROY -1NH17CS703

ANSHAL CHAUHAN -1NH17CS013

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. Dinesh G

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "Quick Peek" is a bonafide work carried out by **ANHSAL CHAUHAN (1NH17CS013)**, **ARGHA ROY (1NH17CS703)**, **BALANTHERAN THORANRAJ (1NH17CS706)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Dinesh G)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT

ON

“ARTIFICIAL INTELLIGENCE DIETICIAN“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

T VENKATA MADAN - 1NH17CS132

VINAY KUMAR M - 1NH17CS139

YASHASVI K - 1NH17CS144

Under the guidance of

Ms. ALPHA VIJAYAN

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "ARTIFICIAL INTELLIGENCE DIETICIAN" is a bonafide work carried out by T VENKATA MADAN MOHAN(1NH17CS132), VINAY KUMAR M (1NH17CS139), YASHASVI K(1NH17CS144) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

*for g
03/8/2021*

Signature of Guide
(Ms. ALPHA VIJAYAN)

Signature of HOD
(Dr. B.Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

NETWORK INTRUSION DETECTION SYSTEM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**AKHIL S KUMAR -1NH17CS010
ANUVIND PRADEEP -1NH17CS015
GOKUL SURESH -1NH17CS047**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Soja Rani
Senior Assistant Professor,
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA


Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



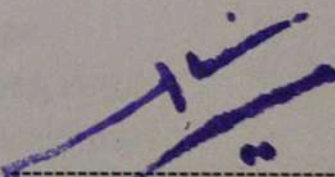
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled NETWORK INTRUSION DETECTION SYSTEM is a bonafide work carried out by AKHIL S KUMAR (1NH17CS010), ANUVIND PRADEEP (1NH17CS015), GOKUL SURESH (1NH17CS047) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Soja Rani)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“SEARCH ENGINE OPTIMIZATION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PRASHANT RANA -1NH17CS099

DILIP SAH -1NH17CS038

NIVED YOGESHKUMAR SOLANKI -1NH17CS 093

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. SANTOSH KUMAR B.

Senior Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

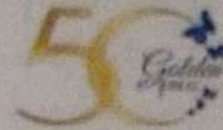
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Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

It is hereby certified that the project work entitled "SEARCH ENGINE OPTIMIZATION" is a bonafide work carried out by **PRASHANT RANA (1NH17CS099), DILIP SAH (1NH17CS038), NIVED YOGESHKUMAR SOLANKI (1NH17CS093)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Santosh Kumar B.)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“PERSONAL HEALTH ASSESSOR “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PRIYANSHU GUPTA -1NH17CS104

SANATH G S -1NH17CS118

SULTAN QURESHI -1NH17CS128

Under the guidance of

Ms. Deepti Rai

Sr. Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "PERSONAL HEALTH ASSESSOR" is a bonafide work carried out by **PRIYANSHU GUPTA (1NH17CS104)**, **SANATH G S (1NH17CS118)**, **SULTAN MEHMOOD QURESHI (1NH17CS128)** in partial fulfillment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

for [Signature] 02/08/21

Signature of Guide
(Ms. Deepti Rai)

[Signature]

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“HAND GESTURE RECOGNITION SYSTEM “

Submitted in partial fulfilment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SHASHIKUMAR H -1NH17CS747
KANAKA RAJU S– 1NH17CS725
JOHN REINHAIRD J.K -1NH18CS406**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. SUGANYA R

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**HAND GESTURE RECOGNITION SYSTEM**” is a bonafide work carried out by **SHASHIKUMAR H (1NH17CS747), KANAKA RAJU S (1NH17CS725), JOHN REINHAIRD J.K (1NH18CS406)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. SUGANYA R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE77)
REPORT ON**

“STOCK MARKET ANALYSIS“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**A TEJA VARDHAN REDDY -1NH17CS018
ARJUN M -1NH17CS016
JITENDRA CHOUDHARY -1NH17CS058**

Under the guidance of

Mr. MANJUNATH SWAMY C

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project phase-I work entitled “**STOCK MARKET ANALYSIS**” is a bonafide work carried out by **A TEJA VARDHAN REDDY(1NH17CS018), ARJUN M (1NH17CS016), JITENDRA CHOUDHARY (1NH17CS058)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. MANJUNATH SWAMY C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**

A PROJECT REPORT (CSE84)

ON

“TRIBAL WELFARE APPLICATION“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**LOKESH SAI SURYA -1NH17CS070
ABHISHEK LANKIREDDY -1NH17CS066
GORLA PAVAN KUMAR -1NH17CS048**

Under the guidance of

Ms. HARSHITHA H

Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled “**TRIBAL WELFARE APPLICATION**” is a bonafide work carried out by **LOKESH SAI SURYA D (1NH17CS070)**, **ABHISHEK LANKIREDDY (1NH17CS066)**, **PAVAN KUMAR GORLA (1NH17CS048)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Harshitha H)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103

A PROJECT REPORT

ON

“FOOD WASTEAGE REDUCTION“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

HARSHITHA B R -1NH18CS404

KAVYA G -1NH18CS407

RESHMA A BABU -1NH18CS415

Under the guidance of

Dr. Nagendra Prabhu S

Associate Professor,

Dept. of CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "FOOD WASTEAGE REDUCTION" is a bonafide work carried out by HARSHITHA B R (1NH18CS404), KAVYA G (1NH18CS407), RESHMA A BABU (1NH18CS415) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Nagendra Prabhu S)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA



TOP ENGINEERING COLLEGE OF INDIA as per

NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2018
Ministry of Human Resource Development, Government of India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A

PROJECT REPORT

ON

“AIRPOLLUTION HANDLING USING MACHINE LEARNING”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MADAN A

1NH17CS072

BANUPRATHAP Reddy P

1NH17CS022

Dhanush GP

1NH17CS037

Under the guidance of

Dr. Anidha Arulanandham

Associate Professor,

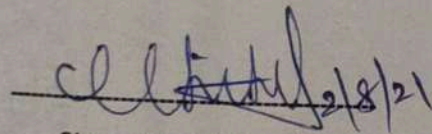
Dept. of CSE, NHCE



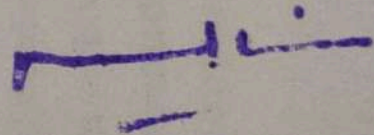
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "AIR POLLUTION HANDLING USING MACHINE LEARNING" is a bonafide work carried out by **MADAN A (1NH17CS072)**, **BANUPRATHAP REDDY P (1NH17CS022)**, **DHANUSH GP (1NH17CS037)** in partial fulfillment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Dr. Anidha Arulanandham)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“E-RESTAURANT”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHAVANA N -1NH17CS023

CHANDANA P -1NH17CS031

DIVYA C -1NH17CS040

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. SUBHASHREE RATH

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project phase-I work entitled "E-RESTAURANT" is a bonafide work carried out by **BHAVANA N (1NH17CS023), CHANDANA P (1NH17CS031), DIVYA C (1NH17CS040)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Subhashree Rath)

Dr. B. Rajalakshmi
25/8/21

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“FUTURES-THE CAREER PREDICTOR“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**S.P.L.SANTOSHI-1NH17CS740
PRATHIKSHA S.P-1NH17CS735
CHANDHANA MENON-1NH17CS712
8-C**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Mr. Kiran Kumar K
Senior Assistant Professor,
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

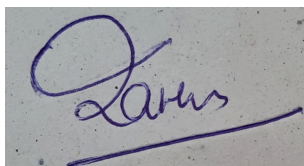
Accredited by NAAC 'A', Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**

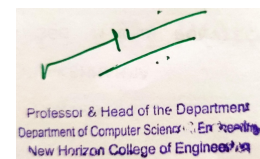
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**FUTURES-THE CAREER PREDICTOR**” is a bonafide work carried out by **S.P.L.SANTOSHI (1NH17CS740), PRATHIKSHA S.P(1NH17CS735), CHANDHANA MENON (1NH17CS712)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Mr. Kiran Kumar K)



Professor & Head of the Department
Department of Computer Science & Engineering
New Horizon College of Engineering

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE77)
REPORT ON
“FORENSICS BIOMETRICS”**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

**KUSHALA P -1NH17CS064
A RISHITHA REDDY -1NH17CS003
BHOOMIKA -1NH17CS024**

Under the guidance of

Ms. YOGITHA SHARMA
Assistant Professor,
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "FORENSIC BIOMETRICS" is a Bonafede work carried out by KUSHALA P (1NH17CS064), A RISHITHA REDDY (1NH17CS003), BHOOMIKA (1NH17CS024) in partial fulfillment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Yogitha
2/8/21

Signature of Guide
(Ms. Yogitha Sharma)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date.

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2 (CSE84)

REPORT ON

“CAR MONITORING SYSTEM”

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

SHUBHAM KUMAR SINGH - 1NH15CS127

ABHISHEK BARUA - 1NH15CS006

Under the guidance of

Dr. R. Jaya

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-2 work entitled "CAR MONITORING SYSTEM" is a bonafide work carried out by **SHUBHAM KUMAR SINGH (1NH15CS127)**, **ABHISHEK BARUA (1NH15CS006)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. R. Jaya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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A PROJECT REPORT (CSE84)

ON

**“VOX-MAIL : VOICE BASED EMAIL SERVICE FOR VISUALLY
IMPAIRED “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

D.A ANUPAMA -1NH17CS032

LITTA JOSEPH -1NH17CS069

MISBA BANU -1NH17CS079

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. TINU N.S
Assistant Professor
Dept. of CSE**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "VOX-MAIL : VOICE BASED EMAIL SERVICE FOR VISUALLY IMPAIRED " is a bonafide work carried out by D.A ANUPAMA (1NH17CS032), LITTA JOSEPH (1NH17CS069), MISBA BANU (1NH17CS079) in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Tinu N.S)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2 (CSE84)

REPORT ON

“FARMNBIZ“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**KALLIMAKULA SAMHITHA
1NH17CS724
8TH SEM/'C' SEC**

Under the guidance of

Ms. CHEMPAVATHY.B

Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project Phase-2 work entitled "FARMNBIZ" is a bonafide work carried out by **KALLIMAKULA SAMHITHA(1NH17CS724)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chempavathy.B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

SMART GARBAGE MONITORING SYSTEM USING IOT

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NEHAA R -1NH17CS091

R KIRUTHIGA -1NH17CS107

SAARA P -1NH17CS115

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. Vaishali M Deshmukh

Associate Professor

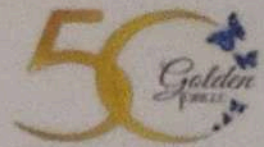
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

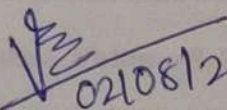
Bangalore – 560103



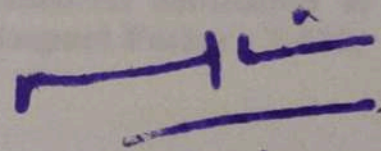
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled **SMART GARBAGE MONITORING USING IOT** is a bonafide work carried out by **NEHAA R (1NH17CS091), R KIRUTHIGA (1NH17CS107), SAARA P (1NH17CS115)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


02/08/2021

Signature of Guide
(Dr. Vaishali M Deshmukh)



Signature of Head of Department
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2
REPORT ON**

“LABORATORY TESTING STRATEGY RECOMMENDER “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**PUNYASRI H -1NH17CS106
R.HARSHA - 1NH17CS108
K.CHARITHA -1NH17CS149**

Under the guidance of

Dr. Senthil Kumar R
Associate Professor,
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "LABORATORY TESTING STRATEGY RECOMMENDER" is a bona fide work carried out by PUNYASRI H (1NH17CS106), R.HARSHA (1NH17CS108), K.CHARITHA (1NH17CS149) in partial Fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(DR. R SENTHIL KUMAR)

Signature of HOD
(DR. B. RAJALAKSHMI)

External Viva

Name of Examiner

1. Dr. Senthil Kumar, NHCE
2. Mr. Mahesh, eIT, Gubbali

Signature with date

(ONLINE)



**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT
ON**

“HUMAN ACTIVITY RECOGNITION”

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**AKASH KUMAR -1NH17CS701
VARSHINI SHENOY-1NH17CS723**

PUNEET TIWARI -1NH17CS737

Under the guidance of

Ms. LAKSHMI S HANNE

Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA



TOP ENGINEERING COLLEGE OF INDIA as per
NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2018
Ministry of Human Resource Development, Government of India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "HUMAN ACTIVITY RECOGNITION" is a bonafide work carried out by PUNEET TIWARI(1NH17CS737), AKASH KUMAR (1NH17CS701), VARSHINI SHENOY(1NH17CS723) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2019-2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide
(Ms. Lakshmi S Hanne)

Signature of HOD
(Dr. B. Rajalakshmi)

Signature of Principal
(Dr. Manjunatha)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON
“INTELLIGENT BLOCK ENERGY“**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**RUMAN AHMED SHAIKH -1NH17CS112
SUJAY HAZRA -1NH17CS127
NIKHIL SUMESH BABU NAMBIAR-1NH17CS150**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Uma N

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "INTELLIGENT BLOCK ENERGY" is a bonafide work carried out by **RUMAN AHMED SHAIKH (1NH17CS112), SUJAY HAZRA (1NH17CS127), NIKHIL SUMESH BABU NAMBIAR (1NH17CS150)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Uma N
31/7/2021

Signature of Guide
(Ms. Uma N)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1.

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT (CSE84)
REPORT ON**

“PNEUMONIA DETECTION USING DEEP LEARNING “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**ABHISHEK A MESTA (1NH17CS005)
MITHUN S (1NH17CS080)
JHANAVI D (1NH17CS057)**

Under the guidance of

Dr. PAMELA VINITHA ERIC

Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE) Accredited
by NAAC 'A', Accredited by NBA**

Outer Ring Road, Panathur Post,
Kadubisanahalli, Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "PNEUMONIA DETECTION USING DEEP LEARNING" is a bonafide work carried out by ABHISHEK A MESTA (1NH17CS005), MITHUN S (1NH17CS080), JHANA VI D (1NH17CS057) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

.....
Signature of Guide
(Dr. Pamela Vinitha Eric)

.....
Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Pamela Vinitha

Pamela
21/9/21

2.

.....



**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2(CSE84)

REPORT ON

**“Search Engine Result Page Optimizer using Natural
Language Processing and Data Dictionary with Re-
Ranking Algorithm [SERPO]”**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

Saloni Raj Goel (1NH17CS117)

Pooja K N (1NH17CS096)

Under the guidance of

Dr. CLARA KANMANI A

Associate Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project phase-II work entitled **“Search Engine Result Page Optimizer using Natural Language Processing and Data Dictionary with Re-Ranking Algorithm [SERPO]”** is a bonafide work carried out by SALONI RAJ GOEL and POOJA K N in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Clara Kanmani A)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examine

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“DIGITAL ENHANCEMENT OF AGRICULTURE “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**A A BAAGYALAKSHMI
1NHCS17001
AISHWARYA H R
1NHCS17007
RAKSHITHA A
1NHCS17161**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. R. THIRUKKUMARAN

Associate Professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC ‘A’, Accredited by NBA**

Outer Ring Road, Panathur Post,
Kadubisanahalli, Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "DIGITAL ENHANCEMENT OF AGRICULTURE" is a Bonafede work carried out by **A A BAAGYALAKSHMI (1NH17CS001), AISHWARYA H R (1NH17CS007), RAKSHITHA A (1NH17CS161)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. R. Thirukkumaran)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“MEDICAL CHATBOT“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SYED BASITH HUSSAIN -1NHCS18421
SRIKANTH K S -1NHCS18419
NAYMATHULA KHAN -1NHCS18413**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Dr.S. SRIDEVI
Associate Professor
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "MEDICAL CHATBOT" is a bonafide work carried out by **SRIKANTH K S (1NH18CS419), SYED BASITH HUSSAIN (1NH18CS421), NAYMATHULA KHAN (1NH18CS413)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

*for Nk
31.7.21*

Signature of Guide
(Dr. S. Sridevi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

**“HEABOT+- AI CHATBOT FOR PERSONAL EMOTIONAL AND
MEDICAL ASSISTANCE “**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

AISHWARYA KADALI -1NH17CS008

LAKSHMI M S -1NH17CS065

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. R. JAYA

Associate Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "HeaBot+- AI Chatbot for Personal Emotional and Medical Assistance" is a bonafide work carried out by **AISHWARYA KADALI(1NH17CS008), LAKSHMI M S (1NH17CS065)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. R. Jaya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

FACE MASK DETECTOR

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

C B SRI SAI MAHESWARI- 1NH17CS029

HEMA SURYA- 1NH17CS051

LAVANYA G- 1NH17CS068

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. Vinodha K

Associate Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

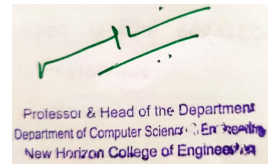
CERTIFICATE

It is hereby certified that the project work entitled “**FACE MASK DETECTOR**” is a bonafide work carried out by **C B SRI SAI MAHESWARI (1NH17CS029)**, **HEMA SURYA (1NH17CS051)**, **LAVANYA G (1NH17CS068)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2020-2021**.

It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Dr. Vinodha K)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“SMART PAY “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SAMARA.R - 1NH17CS741
A P PURUSHOTHAM - 1NH17CS002
BOYAPATI THANUSH - 1NH17CS028**

Under the guidance of

Dr. RACHANA P
Associate Professor,
Dept of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "SMART PAY" is a bonafide work carried out by **SAMARA.R(1NH17CS741)**, **A P PURUSHOTHAM(1NH17CS002)**, **BOYAPATI THANUSH(1NH17CS028)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Rachana P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT(CSE84)

ON

VIRTUAL HEALTH CARE AND SECURE DATA EXCHANGE

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NAMRATHA R M- 1NH18CS412

GAYATRI A- 1NH17CS045

CHAITHANYA A- 1NH17CS030

Under the guidance of

Mr. N. Sivabalan

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

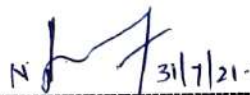
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

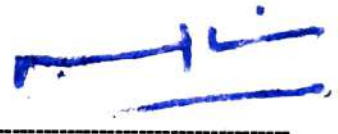
CERTIFICATE

It is hereby certified that the project work entitled "**VIRTUAL HEALTH CARE AND SECURE DATA EXCHANGE**" is a Bonafede work carried out by **NAMRATHA R M (1NH18CS412), GAYATRI A (1NH17CS045), CHAITHANYA A (1NH17CS030)** in partial fulfillment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

(Mr. N. Sivabalan)



Signature of HOD

(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

RESELLER MARKET USING DATA ANALYTICS

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**NISHAN GIRI -1NH17CS092
VISHESH BARAL -1NH17CS141
RITESH BABU BASNET -1NH17CS109**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. Asha Rani Borah
Senior Assistant Professor
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled **Reseller Market Using Data Analytics** is a bonafide work carried out by **NISHAN GIRI (1NH17CS092), VISHESH BARAL (1NH17CS141), RITESH BABU BASNET (1NH17CS109)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


31/8/2021

Signature of Guide
(Ms. Asha Rani Borah)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“Secured File/Data Transfer Between Air Gap Network”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARATHI NAVANEETH - INH17CS152

SREEHARI N R - INH17CS752

VIGNESH P P - INH17CS138

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. K. PRAMILARANI

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "SECURED FILE/DATA TRANSFER BETWEEN AIR GAP NETWORK" is a bonafide work carried out by ARATHI NAVANEETH (1NH17CS152), VIGNESH P P (1NH17CS138), SREEHARI N R (1NH17CS752) in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. K. Pramilarani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

CARBON NEUTRAL COLLEGE CAMPUS

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**AKILESH MURUGAN -1NH16CS005
SOUNAK KONER -1NH1CS109
GOBIND KUMAR THAKUR -1NH17CS046**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. S. Shanmuga Priya
Senior Assistant Professor
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled **Carbon Neutral College Campus** is a bonafide work carried out by **AKILESH MURUGAN (1NH16CS005), SOUNAK KONER (1NH16CS109), GOBIND KUMAR THAKUR (1NH17CS046)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. S. Shanmuga Priya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE84)
REPORT ON**

“CORONA KILLER “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SAVION MARIO SEQUEIRA
1NH17CS745
8C**

Under the guidance of

Mr. Dinesh G
Senior Assistant Professor,
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

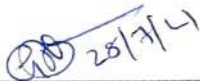
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "CORONA KILLER" is a bonafide work carried out by **SAVION MARIO SEQUEIRA (1NH17CS745)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


25/7/21

Signature of Guide
(Mr. Dinesh G)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT

ON

“ FACIAL RECOGNITION WITH EXPRESSION “

Submitted in partial fulfilment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

MAHESH N -1NH18CS409

MANOJ P- 1NH18CS410

SHIVAKUMAR VISHWAKARMA R -1NH18CS418

Under the guidance of

Ms. ALPHA VIJAYAN

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "**FACIAL RECOGNITION WITH EXPRESSION**" is a bonafide work carried out by **MAHESH N (1NH18CS409), MANOJ P (1NH18CS410), SHIVAKUMAR VISHWWAKARMA R (1NH18CS418)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


2/08/2021

Signature of Guide
(Ms. Alpha Vijayan)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“QUBIT – SMART EDUCATION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**SRINIVAS R – 1NH17CS753
HARIKRISHNAN GS – 1NH17CS722
SARAVANA KUMAR B – 1NH17CS743**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. SOJA RANI S
Sr. Assistant Professor
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

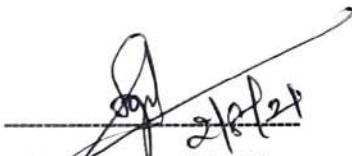
**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



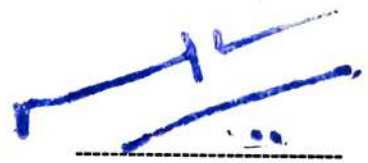
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "QUBIT - Smart Education" is a bonafide work carried out by **Srinivas R (1NH17CS753), Saravana Kumar B (1NH17CS743), Harikrishnan G S (1NH17CS722)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Soja Rani S)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date.

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NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA



TOP ENGINEERING COLLEGE OF INDIA 2018
NATIONAL INSTITUTIONAL RANKING FRAMEWORK 2018
Ministry of Human Resource Development, Government of India

A PROJECT (CSE84)
REPORT ON

“PROCTORED EXAM PLATFORM“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING

BY

AKSHAY KUMA R - 1NH17CS011
ANURAG – 1NH17CS014
KEERTHANA K BHAT – 1NH17CS062

Under the guidance of

Mr. B SANTOSH KUMAR

Senior Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



NEW HORIZON
COLLEGE OF ENGINEERING
 Autonomous College Permanently Affiliated to VTU. Approved by AICTE & UGC
 Accredited by NAAC with 'A' Grade. Accredited by NBA



TOP ENGINEERING COLLEGE OF INDIA as per
NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2018
 Ministry of Human Resource Development, Government of India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE

It is hereby certified that the project phase-I work entitled "PROCTORED EXAM PLATFORM" is a bonafide work carried out by **AKSHAY KUMAR R (1NH17CS011), ANURAG R (1NH17CS014), KEERTHANA K BHAT (1NH17CS062)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
 (Mr. B SANTOSH KUMAR)

Signature of HOD
 (Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

SHILLELAGH- THE SMART STICK

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**S SRIRAM - 1NH17CS754
ROSHINI S - 1NH17CS111
PREMALATHA D - 1NH17CS103**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. B. RAJALAKSHMI

Professor & Head

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "SHILLELAGH – THE SMART STICK" is a bonafied work carried out by **S SRIRAM(1NH17CS754), ROSHINI S(1NH17CS111), PREMALATHA D(1NH17CS103)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

PL
02. aug. 2021

Signature of Guide
(Dr. B. Rajalakshmi)

PL
02. aug. 2021

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

GRAB TAXI USING DISPAQ

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**ABDHESH KUMAR SAH -1NH17CS004
MANISH KUMAR JHA -1NH17CS073**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. Suganya R
Senior Assistant Professor
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled **GRAB TAXI USING DISPAQ** is a bonafide work carried out by **ABDHESH KUMAR SAH (1NH17CS004)**, **MANISH KUMAR JHA (1NH17CS073)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Handwritten signature in red ink: Ms. Suganya R. 31/07/21

Signature of Guide
(Ms. Suganya R)

Handwritten signature in blue ink: Dr. B. Rajalakshmi

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A
PROJECT REPORT
ON**

“CUSTOMER SEGMENTATION ANALYSIS“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**PAYEL PATTANAYAK -1NH17CS147
S JAGAN -1NH17CS113
MOHITH TEPPOLA -1NH17CS084**

Under the guidance of

Mr. MANJUNATHA SWAMY C

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



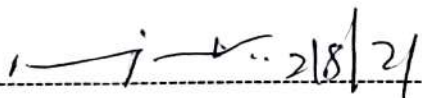
**NEW HORIZON
COLLEGE OF ENGINEERING**



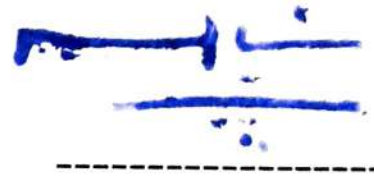
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project phase-2 work entitled "**CUSTOMER SEGMENTATION ANALYSIS**" is a bonafide work carried out by **PAYEL PATTANAYAK(1NH17CS147),S.JAGAN(1NH17CS113),MOHITH TEPPOLA (1NH17C084)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Mr. MANJUNATHA SWAMY C)



Signature of HOD
(Dr. B.Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“PRODUCT RECOMMENDATION SYSTEM“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SHREYA KAMATH
1NH17CS748
8TH SEM – ‘C’ SEC**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. UMA N

Senior Assistant Professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled "PRODUCT RECOMMENDATION SYSTEM" is a bonafide work carried out by SHREYA KAMATH (1NH17CS748) in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Uma N)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103

A PROJECT REPORT

ON

**“SELF WOUND ANALYSIS
USING MACHINE LEARNING
AND IMAGE PROCESSING“**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VARUN GANESH - 1NH17CS757

U NOMESH – 1NH18CS426

Under the guidance of

Dr. Nagendra Prabhu S

Associate Professor,

Dept. of CSE



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project phase-I work entitled "SELF WOUND ANALYSIS USING MACHINE LEARNING AND IMAGE PROCESSING" is a bonafide work carried out by VARUN GANESH (1NH17CS757), U NOMESH (1NH18CS426) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Nagendra Prabhu S)

Signature of HOD
(Dr. B. Rajalakshmi)

Signature of Principal
(Dr. Manjunatha)

External Viva

Name of Examiner

Signature with date

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NEW HORIZON COLLEGE OF ENGINEERING

AUTONOMOUS COLLEGE Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by **NAAC** with 'A' Grade

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A

PROJECT REPORT

ON

"OBJECT DETECTION"

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KOUSHIK REDDY P

1NH17CS278

UNDER THE GUIDANCE OF

Dr. Anidha Arulanandham

Associate Professor

Dept. of CSE, NHCE

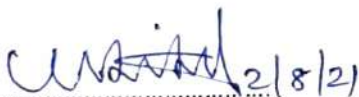


NEW HORIZON COLLEGE OF ENGINEERING

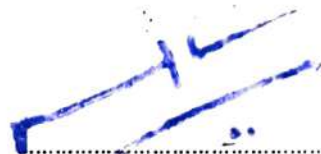
AUTONOMOUS COLLEGE Permanently Affiliated to VTU. Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the project Phase-2 work entitled "OBJECT DETECTION" is a bonafide work carried out by **KOUSHIK REDDY P (1NH17CS728)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


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Signature of Guide
(Dr. Anidha Arulanandam)


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Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“SOCIAL DISTANCING VIOLATION DETECTOR “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NAMAN GUPTA -INH17CS731

SUMIT NAMDEO PRADHAN -INH17CS755

VIBHOOTI GONNADE -INH17CS758

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. SUBHASHREE RATH
Sr.Assistant Professor
Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "SOCIAL DISTANCING VIOLATION DETECTOR" is a bonafide work carried out by **NAMAN GUPTA (1NH17CS731)**, **SUMIT NAMDEO PRADHAN (1NH17CS755)**, **VIBHOOTI GONNADE(1NH17CS758)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. SUBHASHREE RATH)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“AGROVISION“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**PAYAL MANKOTIA -1NH17CS732
SANKEERTHANA M -1NH17CS729
SIRI SOUNDARAYA -1NH17CS751**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Mr. K. KIRAN KUMAR
Senior Assistant Professor,
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

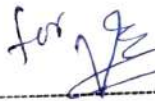
**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "AGROVISION" is a bonafide work carried out by Payal Mankotia (1NH17CS732), Sankeerthana M (1NH17CS729), Siri Soundaraya S A (1NH17CS751) in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

for 
31/7/2021

Signature of Guide
(Mr. K. Kiran Kumar)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“Intrusion Detection System Using Honey Pot“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

A Rohit -1NH17CS154

B N Jaswanth -1NH17CS710

C H Suvij Reddy -1NH17CS713

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mrs. Yogitha Sharma

Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "INTRUSION DETECTION SYSTEM USING HONEYPOT" is a bonafide work carried out by A ROHIT OF THE STUDENT 8A(1N- H17CS154), B N JASWANTH OF THE STUDENT 8C (1NH17CS710), C H SUVIJ REDDY OF THE STUDENT 8C(1NH17CS713) in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Yogitha
3/8/21

Signature of Guide
(Ms. Yogitha Sharma)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2 (CSE84)

REPORT ON

**“SMART BANKING MACHINE FOR SECURED MONEY
TRANSACTION USING ATM CARD “**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**BHOOMIKA R - 1NH17CS709
SUPRIYA B S - 1NH18CS420
SOWMYA SHREE R – 1NH18CS425
8C**

Under the guidance of

Mr. BHASKAR S V
Assistant Professor,
Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC ‘A’, Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Smart banking machine for secured money transaction using ATM card" is a bonafide work carried out by **BHOOMIKA R (1NH17CS709)**, **SUPRIYA B S (1NH18CS420)**, **SOWMYA SHREE R (1NH18CS425)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. BHASKAR S V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“NUMBER PLATE SCANNER“

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VIPUL SHARMA -1NH17CS140

YATHARTH MEHTA -1NH17CS145

MANUSHI DHUNGANA -1NH17CS074

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Tinu N S
Assistant Professor
Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

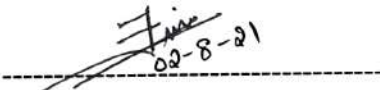
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



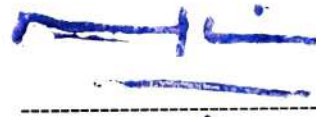
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**Number Plate Scanner**” is a bonafide work carried out by **VIPUL SHARMA (1NH17CS140), YATHARTH MEHTA (1NH17CS145), MANUSHI DHUNGANA (1NH17CS074)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Tinu N.S)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“BIKERS PORTAL“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**ABHISHEK S K -1NH18CS400
LAKSHMINARAYAN -1NH18CS408
ANKIT BOUGAL -1NH18CS401**

Under the guidance of

Ms. CHEMPAVATHY B

Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "BIKERS PORTAL" is a bonafide work carried out by **ABHISHEK S K (1NH18CS400)**, **LAKSHMINARAYAN (1NH18CS408)**, **ANKIT BOUGAL (1NH18CS401)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chempavathy B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“ TRAVEL EXPLORER ”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SANI HEMANTH - 1NH17CS742

MEGHANA KANCHERLA - 1NH17CS078

SHIVA SAI REDDY - 1NH17CS121

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. VAISHALI M DESHMUKH

Associate Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**TRAVEL EXPLORER**” is a bonafide work carried out by **SANI HEMANTH (1NH17CS742), MEGHANA KANCHERLA (1NH17CS078), SHIVA SAI REDDY (1NH17CS121)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Vaishali M Deshmukh)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE84)
REPORT ON**

“SHARE STORIES USING COLLABORATIVE FILTERING“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**PRUTHVI S -1NH17CS105 (8th –B)
SHISHIR A - 1NH17CS120 (8th – B)
RAHUL B R - 1NH17CS738 (8th -C)**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. S J Subhashini

Associate Professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled “**Share Stories Using Collaborative Filtering**” is a bonafide work carried out by **PRUTHVI S (1NH17CS105), SHISHIR A (1NH17CS120) and RAHUL B R (1NH17CS738)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. S J Subhashini)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“MEDICAL LEAF IDENTIFICATION“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

C M PRAMODH - 1NH18CS403

HEMANTH P - 1NH18CS405

HEMANTH K S - 1NH18CS424

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. LAKSHMI S HANNE

Assistant Professor 1

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "MEDICAL LEAF IDENTIFICATION" is a bonafide work carried out by C M PRAMODH (1NH18CS403), HEMANTH P (1NH18CS405), HEMANTH K S (1NH18CS424) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


.....
Signature of Guide
(Ms. Lakshmi S Hanne)


.....
Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“RAINSTORM PREDICTION SYSTEM”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SIMRAN AGARWAL -1NH17CS749
POOJA KUMARI -1NH17CS733

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. HARSHITHA H
Assistant Professor,
Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



NEW HORIZON
COLLEGE OF ENGINEERING



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled "RAINSTORM PREDICTION SYSTEM" is a bonafide work carried out by SIMRAN AGARWAL (INH17CS749), POOJA KUMARI (INH17CS733) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Harshitha H)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“E-PEDAGOGY“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**S NAGARJUN -1NH17CS739
ANUSHREE T -1NH17CS702
ASHWIN XAVIOUR -1NH17CS704**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. LAKSHMI S HANNE
Assistant Professor 1
Dept. of CSE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



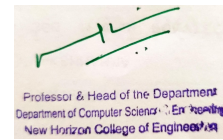
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**E-PEDAGOGY**” is a bonafide work carried out by **S NAGARJUN (1NH17CS739), ANUSHREE T (1NH17CS702), ASHWIN XAVIOUR (1NH17CS704)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Lakshmi S Hanne)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1.

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“DECENTRALIZED CAB SERVICES“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**BALAJI R-1NH17CS020
JEERU GAYATHRI-1NH17CS053
JEERU VIJAYENDRA-1NH17CS054**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. SENTHIL KUMAR
Associate Professor
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-2 work entitled "Decentralized Cab Services" is a bonafide work carried out by BALAJI R(1NH17CS020), GAYATHRI J (1NH17CS053), VIJAYENDRA J(1NH17CS054) in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr.Senthil kumar)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Senthil Kumar

2. Mr. Mahesh

Signature with date

.....

(ONLINE)



**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

REPORT ON

“CRICKET MATCH PREDICTION“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

**RAJASEKHAR REDDY -1NH17CS707
JAGADEESH -1NH17CS125
AVULENNA GOLLA LAHARI -1NH17CS705**

Under the guidance of

Ms. HARSHITHA.H

Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTERSCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "CRICKET MATCH PREDICTION" is a bonafide work carried out by RAJASEKHAR REDDY (1NH17CS707), JAGADEESH (1NH17CS125), AVULENNA GOLLA LAHARI(1NH17CS705) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. HARSHITHA.H)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1 _____

2 _____



**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE84)
REPORT ON**

**ANYBODY CAN DANCE
USING
HUMAN POSE ESTIMATION**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**PREKSHA SHRIDHAR – 1NH17CS102
SURYA G J – 1NH17CS129**

Under the guidance of

Ms. CHEMPAVATHY .B

Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "Anybody can dance using human pose estimation" is a bonafide work carried out by Preksha Shridhar (1NH17CS102), Surya G J (1NH17CS129) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms Chempavathy)
Assistant professor

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Manjushree Shetty.c

2.

Signature with date

..... 2/8/21

.....



**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“SMART SCAN”

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**DIVYA. S.
1NH17CS041
8th Semester ‘A’ Section**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. BHASKAR. S. V

Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "SMART SCAN" is a bonafide work carried out by DIVYA. S. (1NH17CS041) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Bhaskar. S. V.)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“LIFE SAVIOUR DETECTOR “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

CHINMAYI P ANVEKAR - 1NH17CS716
M GOPINATH-1NH17CS721
JERIN JACOB -1NH17CS056

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Yogitha (S)
Assistant Professor,
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "LIFE SAVIOUR DETECTOR" is a bonafide work carried out by **Chinmayi P Anvekar (1NH17CS716)**, **M Gopinath (1NH17CS721)**, **Jerin Jacob (1NH17CS7056)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Yogitha
2/8/21

Signature of Guide
(Ms. Yogitha S)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“ FIT ASSIST “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PASHUPATI SHAH - 1NH17CS095

SHAUKAT ALI - 1NH17CS119

DURING ACADEMIC

YEAR 2020-2021

Under the guidance of

Mr. K. KIRAN KUMAR

Senior Assistant Professor

Dept. of CS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli



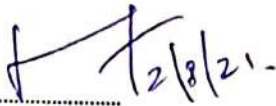
**NEW HORIZON
COLLEGE OF ENGINEERING**



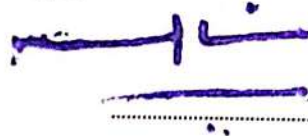
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work "FIT ASSIST" is a bonafide entitled work carried out by PASHUPATI SHAH (1NH17CS095), SHAUKAT ALI (1NH17CS119) in partial fulfilment for award Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2021-2022 .It is certified that all correction/suggestions indicated for Internal Assessment have been incorporated in the report and report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

For  2/8/21

Signature of Guide
(Mr. K. Kiran Kumar)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2 (CSE84)

REPORT ON

“VOICE SYNTHESIZER USING ML”

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

SIMRAN C -1NH17CS124

CHAITRA MANJUNATH NAIK -1NH17CS711

Under the guidance of

Ms. SUBHASHREE RATH

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "VOICE SYNTHESIZER USING ML" is a bonafide work carried out by SIMRAN C (1NH17CS124) , CHAITRA MANJUNATH NAIK (1NH17CS711) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

for
03/08/2021

Signature of Guide
(Ms.Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1.

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-2 (CSE84)
REPORT ON**

“WEATHER MONITORING SYSTEM“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**BHIRAVA JOSYULA MEGHANA -1NH17CS708
SAVITHA H M -1NH18CS416
BEBI -1NH18CS402**

Under the guidance of

Dr. Anidha Arulanandham

Associate Professor, Dept.
of CSE


**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC 'A', Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-2 work entitled "WEATHER MONITORING SYSTEM" is a Bonafede work carried out by BHIRAVA JOSYULA MEGHANA (1NH17CS708), SAVITHA H.M (1NH18CS416), BEBI (1NH18CS402) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Dr. Anidha Arulanandham)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

ROAD ACCIDENT ANALYSIS USING MACHINE LEARNING

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

K.SAI SATHWIK REDDY -1NH17CS157

V.RAVI NANDAN -1NH17CS135

Y.VEERA REDDY -1NH17CS146

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr. Nagendra Prabhu

Associate Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled **ROAD ACCIDENT ANALYSIS USING ML** is a bonafide work carried out by **K.SAI SATHWIK REDDY(1NH17CS157), V.RAVI NANDAN(1NH17CS135), Y.VEERA REDDY (1NH17CS146)**, in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Nagendra Prabhu)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“BOT VENDOR “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MOHAN SAI KRISHNA-1NH17CS082

MOHAN YADAV-1NH17CS083

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Uma.N

Sr. Assistant Professor,

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "BOT VENDOR" is a bonafide work carried out by MOHAN YADAV(1NH17CS083),MOHAN SAI KRISHNA(1NH17CS082) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Uma.N)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

**“EYE CONTROL OF DEVICES FOR PARALYSED AND SEMI
PARALYSED“**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SHRUTHI M -1NH17CS123

SUSHMITHA -1NH17CS130

S SELVA LAVANYA -1NH17CS148

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. MANJUNATHA SWAMY C

Senior Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**EYE CONTROL OF DEVICES FOR PARALYSED AND SEMI PARALYSED**” is a bonafide work carried out by **SHRUTHI M (1NH17CS123), SUSHMITHA (1NH17CS130), S SELVA LAVANYA (1NH17CS148)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Manjunatha Swamy C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

DRIVER DIZZINESS & CELL PHONE ANALYZER

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

CH. SAHNMUKA SRINIVAS -1NH17CS715

D.NAGADEEP -1NH17CS718

D.V. SURESH REDDY -1NH17CS719

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

**Ms. Suganya R Senior
Assistant Professor**

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

**Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**



**NEW HORIZON
COLLEGE OF ENGINEERING**



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled **DRIVER DIZZINESS & CELL PHONE ANALYZER** is a bonafide work carried out by **CH. SHANMUKA SRINIVAS(INH17CS715), D. NAGADEEP (INH17CS718), D.V. SURESH REDDY (INH17CS719)**, in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Suganya R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

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Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A

PROJECT REPORT

ON

“DRESS CODE DETECTOR”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SRI VIDYA AVUTHU – 1NH17CS126

A.ESHA REDDY - 1NH17CS153

P.SUNEEL - 1NH17CS156

Under the guidance of

Ms. DEEPTI RAI

Sr. Assistant Professor,

Dept. of CSE, NHCE

**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

**(Autonomous Institution Affiliated to VTU & Approved by
AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli, Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "DRESS CODE DETECTOR" is a bonafide work carried out by **SRI VIDYA AVUTHU (1NH17CS126), A.ESHA REDDY (1NH17CS153), P. SUNEEL (1NH17CS156)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

for Dept 02/08/21

Signature of Guide
(Ms. Deepti Rai)

Signature of HOD
(Dr. B. Rajalakshmi)

Signature of Principle
(Mr. Manjunatha)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“Early stage of Lung Cancer Prediction“

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

B CHANIKYA VENKATA MANIDEEP -1NH16CS705

BEESHA SHRIEE M-1NH16CS017

K SAI RAM RAJU -1NH16CS713

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mr. B.SANTHOSH KUMAR

Sr. Assistant Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "Early stage of lung cancer prediction" is abonafide work carried out by B CHANIKYA VENKATA MANIDEEP OF THE STUDENT 8C(1NH16CS705), BEESHA SREE MANI OF THE STUDENT8A (1NH16C017), K SAIRAMRAJU OF THE STUDENT8C(1NH16CS713) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respectof project work prescribed for the said degree.

Signature of Guide
(Mr. B.Santhosh Kumar)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

VOICE ENABLED SMART SEARCH USING DEEP LEARNING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

JITENDRA SAH -1NH17CS059
IFLAK YOUSUF MIR -1NH17CS052

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. Soja Rani S
Senior Assistant Professor
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

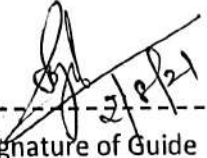
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



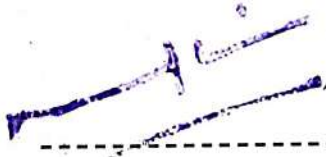
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled Voice Enabled Smart Search Using Deep Learning is a bonafide work carried out by **JITENDRA SAH (1NH17CS059)**, **IFLAK YOUSUF MIR (1NH17CS052)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Soja Rani S)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner
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Signature with date
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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

WEATHER MONITORING USING IOT

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KN SREE PRIYA
1NHCS17060
KEERTHANA BL
1NH17CS061

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Ms. ALPHA VIJAYAN
Senior Assistant Professor
Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled **WEATHER MONITURING USING IOT** is a bonafide work carried out by **KN SREEPRIYA (1NH17CS060), KEERTHANA BL (1NH17CS061)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Alpha
21/05/2021

Signature of Guide
(Ms. ALPHA VIJAYAN)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“ONLINE CRIME REPORTING SYSTEM “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

E.THEJASREE-1NH16CS708

S.SRILEKHA-1NH17CS744

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr.S.J.SUBHASHINI

Associate professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

It is hereby certified that the project work entitled "ONLINE CRIME REPORTING SYSTEM" is a bonafide work carried out by E.THEJASREE(1NH16CS708), S.SRILEKHA (1NH17CS744), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr.S.J.SUBHASHINI)

Signature of HOD
(Dr. B.Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT PHASE-2 (CSE84)

REPORT ON

**“FLAME DETECTION BASED ON SPATIO - TEMPORAL
COVARIANCE“**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**NAINIKA RAJESH -1NH17CS090
SHEKAR TV -1NH18CS417**

Under the guidance of

Ms. S.SHANMUGAPRIYA

Senior Assistant

Professor, Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-2 work entitled "FLAME DETECTION BASED ON SPATIO - TEMPORAL COVARIANCE" is a bonafide work carried out by NAINIKA RAJESH(1NH17CS090), SHEKAR T V(1NH18CS417) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

S. Shanmuga Priya
2 10/8/2021

Signature of Guide
(Ms. S.SHANMUGA PRIYA)

Dr. B. Rajalakshmi

Signature of HOD
(Dr. B. RAJALAKSHMI)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT PHASE-1 (CSE77)
REPORT ON**

“Detecting COVID-19 in X-ray images “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING
BY**

KARTIKEY -1NH17CS726

Under the guidance of

Ms. K. Pramilarani

Senior Assistant Professor,

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC ‘A’, Accredited by NBA**

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

It is hereby certified that the project work entitled “ **Detecting COVID-19 in X-ray images**” is a bonafide work carried out by **KARTIKEY (1NH17CS726)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. K.Pramilarani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“LICENSE NUMBER PLATE RECOGNITION “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

CHITRA P-1NH18CS423

YASHIKA S K-1NH18CS427

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Mrs. ASHA RANI BORAH

Senior Associate professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC ‘A’, Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,

Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

“SMART E-WAY PORTAL “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**AHID PASHA - 1NH17CS700
MANU KUMAR - 1NH18CS411
SHAIK MAHAMMAD SAMEER
- 1NH17CS746**

Under the guidance of

Dr. RACHANA P

Associate Professor,

Dept of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "SMART E-WAY PORTAL" is a bonafide work carried out by AHID PASHA (1NH17CS700), MANU KUMAR (1NH18CS411), SHAIK MAHAMMAD SAMEER (1NH17CS746) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Br. Rachana P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1.....

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



A PROJECT REPORT (CSE84)

ON

AUTOMATED TOLLBOTH CONTROLLER BASED ON RFID

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**M PRAVEEN RAJU -1NH17CS159
K SREERAM RAJU -1NH17CS063
M M NAWAZ BAIG -1NH17CS081**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

DR Vinodha K.

Associate Professor

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE) Accredited by NAAC

'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103



**NEW HORIZON
COLLEGE OF ENGINEERING**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**AUTOMATED TOOLBOOTH CONTROLLER BASED ON RFID**” is a bonafide work carried out by **M PRAVEEN RAJU (1NH17CS159), K SREERAM RAJU (1NH17CS063), M M NAWAZ BAIG (1NH17CS081)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Vinodhak)

Professor & Head of the Department
Department of Computer Science & Engineering
New Horizon College of Engineering
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT
ON**

**“AUTOMATION DETECTION OF VIOLENT INCIDENTS FROM VIDEO
FOOTAGES OF CCTV CAMERAS”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

**E.EKANADH SAIPRAKASH
1NH17CS720**

Under the guidance of

DR.S.SRIDEVI
Associate Professor
Dept. of CSE, NHCE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)
Accredited by NAAC ‘A’, Accredited by NBA
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103**

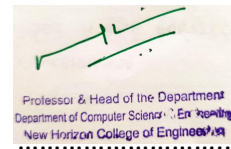


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**AUTOMATION DETECTION OF VIOLENT INCIDENTS FROM VIDEO FOOTAGES OF CCTV CAMERAS**” is a bonafide work carried out by **E.EKANADH SAIPRAKASH 1NH17CS720** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

.....
Signature of Guide
(Dr. S. SRIDEVI)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**



**A PROJECT REPORT (CSE84)
ON**

“EMOJIFY YOURSELF“

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

BY

**SURYA.K
1NH17CS756
8 SEM – C SEC**

DURING

ACADEMIC YEAR 2020-2021

Under the guidance of

Dr.S.SRIDEVI

Associate Professor

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Autonomous Institution Affiliated to VTU & Approved by AICTE)**

Accredited by NAAC ‘A’, Accredited by NBA

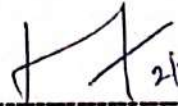
Outer Ring Road, Panathur Post, Kadubisanahalli,
Bangalore – 560103

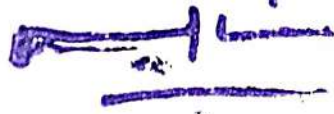


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "EMOJIFY YOURSELF" is a bonafide work carried out by SURYA.K (1NH17CS756) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

For

2/2/21
EVENING
Signature of Guide
(Dr.S.Sridevi)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

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**NEW HORIZON
COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA



TOP ENGINEERING COLLEGE OF INDIA as per
NATIONAL INSTITUTIONAL RANKING FRAMEWORK, 2018
Ministry of Human Resource Development, Government of India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A

PROJECT REPORT

ON

AUTOMATED LICENSE PLATE RECOGNITION SYSTEM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

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(1NH14CS176)**

Under the guidance of

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**NEW HORIZON
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Ministry of Human Resource Development, Government of India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled “**AUTOMATED LICENSE PLATE RECOGNITION SYSTEM**” is a bonafide work carried out by **BALASUBRAMANIYAN D (1NH14CS176)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide
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