



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“INTELLIGENT ROAD SAFETY SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE

BY

SAJDA ZULFAQUAR -1NH21IS132

VINUTHA B A -1NH21IS180

Under the guidance of

Dr. VANDANA CP

HOD, ISE

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS

BY

RISHAB R -1NH21EE097

SHASHANK B S -1NH21EE107

Under the guidance of

Dr. SAKTHIVEL ARUCHAMY

HOD, EEE

Academic Year: 2024-25

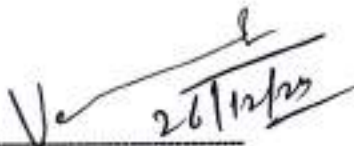


NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTELLIGENT ROAD SAFETY SYSTEM" is a bonafide work carried out by VINUTHA B A (1NH21IS180) and SAJDA ZULFAQUAR (1NH21IS132) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Vandana CP)



Signature of Guide

(Dr. Sakthivel Aruchamy)

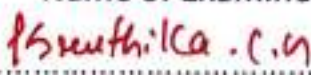


Signature of HOD

(HOD-ISE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. 
.....

2. 
.....

Signature with date


.....


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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SMART HYDROPONICS SYSTEM"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

BHIMARAJ K NAIKAR -1NH22IS402

DARSHAN V -1NH21IS047

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

SHASHANK C R – 1NH21EC146

SUMANTH RAJ – 1NH21EC158

Under the guidance of

Ms. DIVYA K V

Assistance Professor

Under the guidance of

Dr. ARAVINDA K

Professor and HOD

Academic Year: 2024-25

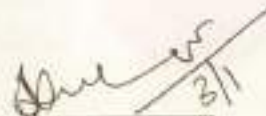


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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE


It is hereby certified that the interdisciplinary project work entitled "SMART HYDROPONICS SYSTEM" is a Bonafide work carried out by BHIMARAJ KRISHNANAIAK NAIKAR (1NH22IS402), DARSHAN V (1NH21IS047), SHASHANK C R (1NH21EC146), SUMANTH RAJ (1NH21EC158) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING & ELECTRONICS AND COMMUNICATION ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 
3/11

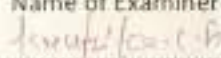
Signature of Guide
(Ms. Divya K V)



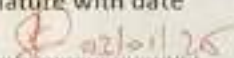
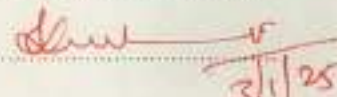
Signature of Guide
Dr. Aravinda K
Professor & HOD - ECE
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bengaluru - 560 103
SEE VIVA


3/11/25

Signature of HOD
(Dr. Vandana C P)

Name of Examiner
1. 

2. 

Signature with date





NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“Immersive Virtual Reality Application”

Submitted in partial fulfillment for the award of the degree of

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

**ISHAN S BHAT -1NH21IS066
VISHRUTH PS REDDY -1NH21IS183**

**BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND
MACHINE LEARNING
BY**

**LAVNISH CHAUDHARY -1NH21AI048
NIJAS NAHAS -1NH21AI067**

Under the guidance of

Mrs. RAMA DAN
Senior Assistant Professor

Under the guidance of

Ms. SHASHIKALA K S
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Immersive Virtual Reality Application" is a Bonafide work carried out by ISHAN S BHAT (INH21HS066) and VISHRUTH PS REDDY (INH21HS183) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 the project work prescribed for the said degree.

Signature of Guide
Mrs. RAMA DAN

Signature of Guide
Ms. SHASHIKALA K S

Signature of HOD
Dr. VANDANA CP

SEE VIVA

Name of Examiner

1. Mrs. Neha Jadhav, ANICE

2. JENNIFER A. S.S.C.E.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"IndiTranslate: Bridging Language Barriers in India"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

Shrishti Jaiswal - 1NH21IS157

Sujeet Kumar - 1NH21IS163

Under the guidance of

Dr. Arvind S. Kapse
Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

Shruti Sameer Hosur - 1NH21CS229

Sneha Verma - 1NH21CS234

Under the guidance of

Dr. Santhosh Krishna B V
Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IndiTranslate: Bridging Language Barriers in India" is a bonafide work carried out by Srishti Jaiswal (1NH21IS157) and Sujeet Kumar (1NH21IS163) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Arvind S. Kapse)

Signature of Guide
(Dr. Santhosh Krishna B V)

Signature of HOD
(Dr. Vandana C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560100

SEE VIVA

Name of Examiner

1. Maia Kian L
2. Dr. Kalavani D

Signature with date

[Signature] 3/1/25
[Signature] 3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Personalized Virtual Teaching: EDU-VIBE (Education via
Virtual Intelligent-Based Experience) “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

Prathiksha R Nijamkari-1NH21IS119

Roshini Chittamuru -1NH21IS126

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

Kothepalle Chethana -1NH21CS272

Kothepalle Charitha -1NH21CS273

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

Under the guidance of

Dr. Santhosh Krishna B V

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Personalized Virtual Teaching EDU-VIBE (Education via Virtual Intelligent Based Experience)" is a bonafide work carried out by Prathiksha R Nijamkari (1NH21IS119) and Roshini Chittamuru (1NH21IS126) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Rajlakshmi Ghatkamble

Signature of Guide

Dr. Santhosh Krishna B V

Signature of HOD

Dr. Vandana C P
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. K. S. K. B. A. C. G.

2. J. Karthiyayini

Signature with date

K. S. K. B. A. C. G. 31/1/25
J. Karthiyayini 31/1/25



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Vision Assist"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

SIRISHA P - 1NH21I5153

ZEBA SYED FAROOQ - 1NH21I5192

Under the guidance of

Mrs. J.Karthiyayini
Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

Rakshit D - 1NH21EC127

Tiba Sidra - 1NH21EC163

Under the guidance of

Dr. Sanjeev Sharma
Director - QAIE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Vision Assist" is a bonafide work carried out by Sirisha P (1NH21I5153) and Zeba Syed Farooq(1NH21I5192) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


25/12

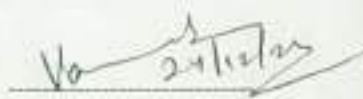
Signature of Guide

Mrs J. Karthiyayini



Signature of Guide

Dr. Sanjeev Sharma


24/12/25

Signature of HOD

Dr. Vandana C P

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiners: *Karthiyayini C.P*

J. Karthiyayini

Signature with date

1. *Karthiyayini C.P*
24/12/25

2. *J. Karthiyayini*
25/12/25



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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“CAREERCRAFT – A PROFESSIONAL DEVELOPMENT PLATFORM”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

DHRUV MANKAD - 1NH21IS050

PRACHII MISHRA - 1NH21IS115

Under the guidance of

Mrs. Divya KV

Senior Assistant Professor

ISE, NHCE

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

SIYA RAJ - 1NH21AI099

SUDIKSHA RAVIPATI - 1NH21AI105

Under the guidance of

Ms. Shashikala K.S

Senior Assistant Professor

AIML, NHCE

Academic Year: 2024 - 25

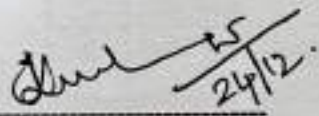


NEW HORIZON COLLEGE OF ENGINEERING

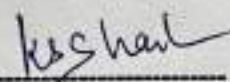
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

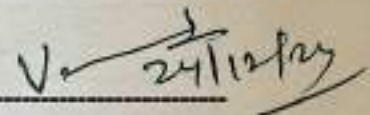
It is hereby certified that the interdisciplinary project work entitled "CAREERCRAFT – A PROFESSIONAL DEVELOPMENT PLATFORM" is a bonafide work carried out by DHRUV MANKAD (1NH21IS050) and PRACHII MISHRA (1NH21IS115) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 
25/12

Signature of Guide
(Mrs. Divya KV)



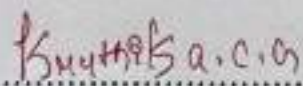

Signature of Guide
(Ms. Shashikala K.S)


24/12/25

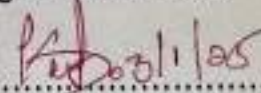
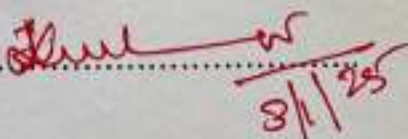
Signature of HOD
(HOD-ISE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. 
2. 

Signature with date

1. 
20/1/25
2. 
31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“GESTURE-MASTER”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANSHIKA RAJPUT -1NH21IS018

JAYANTH B S -1NH21IS070

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHARGAVI SARAF -1NH21CS046

AADHYA GUPTA -1NH21CS001

Under the guidance of

Dr. KALAIVANI D

Associate Professor

Under the guidance of

Dr. Sonali J. Mahure

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Gesture-Master" is a bonafide work carried out by ANSHIKA RAJPUT(1NH21IS018) and JAYANTH B S (1NH21IS070) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. KALAIVANI D)

Signature of Guide

(Dr. SONALI J. MAHURE)

Signature of HOD

(HOD-ISE)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN. L

2. Dr. Kalaiyani D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Real-Time Pothole Detection and Automated Refilling with
Auto-Swift using ML and Computer Vision “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

MADHURA N B -1NH21IS086
MAHIMA RAMDAS BHAT -1NH21IS088

Under the guidance of

Dr. D Kalaivani
Associate Professor

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING
BY

GOWTHAMI A -1NH21EE033
RAKSHA SHANKAR KAJAGAR -1NH21EE092

Under the guidance of

Dr. S Sujitha
Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Real-Time Pothole Detection and Automated Refilling with Auto-Swift using ML and Computer Vision" is a bonafide work carried out by **MADHURA N B (1NH21IS086)** and **MAHIMA RAMDAS BHAT (1NH21IS088)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. D Kalaivani)

Signature of Guide

(Dr. S Sujitha)

Signature of HOD

(Dr. Vandana C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. K. RUTHA / CA . O . B

2. J. Karthikeyini

Signature with date

[Signature] 23/12/25

[Signature] 25/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SMART PILL REMAINDER “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

NISCHITHA M -1NH21IS103

MEGHANA P -1NH21IS198

Under the guidance of

Dr. K. SARAVANAN

Professor, Dept of ISE

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

A LEELA SAGAR-1NH21EC001

R RAHUL -1NH21EC124

Under the guidance of

Dr. SANJEEV SHARMA

Professor & Director-QAIIIE, Dept of ECE

Academic Year: 2024-25



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART PILL REMAINDER" is a bonafide work carried out by NISCHITHA M (1NH21IS103) & MEGHANA P(1NH21IS198) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SARAVANAN)

Signature of Guide
(Dr. SANJEEV SHARMA)

Signature of HOD

(HOD-ISE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN. L

2. Dr. Kalavina D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"CNN BASED PLANT DISEASE RECOGNITION SYSTEM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

ASTHA TRIPATHI - 1NH21IS033

ATHARVI RAVI M - 1NH21IS034

Under the guidance of

Ms. A KRISHNAVENI

Assistant Professor

Information Science and Engineering

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

AKASH BHAT - 1NH21CS017

ARUSH ASHWIN - 1NH21CS034

Under the guidance of

Dr. SANTHOSH KUMAR

Associate Professor

Computer Science and Engineering

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CNN BASED PLANT DISEASE RECOGNITION SYSTEM" is a bonafide work carried out by **ASTHA TRIPATHI (1NH21I5033)** and **ATHARVI RAVI MAHINDRAKAR (1NH21I5034)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. A. Krishnaveni)



Signature of Guide
(Dr. Santhosh Kumar)



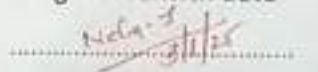

Signature of HOD
(Dr. Vandana C.P.)

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE
2. Jennifer A. S.S.E.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Vanguard – Rescue Assistant Application”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ARAYA NAIKMASUR -1NH21IS023

PRAKET TAMHANKAR -1NH21IS117

Under the guidance of

Ms. Shalini A.

Senior Assistant Professor

Department of

Information Science and Engineering

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PRIYESH SAH -1NH21CS188

RUDRAKSHI LAMBA -1NH21CS201

Under the guidance of

Ms. Subhashree Rath

Senior Assistant Professor

Department of

Computer Science and Engineering

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Vanguard – Rescue Assistant Application" is a Bonafide work carried out by ARAYA NAIKMASUR (1NH21IS023) and PRAKET TAMHANKAR (1NH21IS117) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Shalini A.)

Signature of Guide

(Ms. Subhashree Rath)

Signature of HOD

Head of the Department
(HOD-ISE)
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Kaushika .c.s

2. J. Kauthiyayini

Signature with date

Kent 03/01/2025

Kent
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“EDULOV - Personalized learning platform using AI and data
analytics “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

DOSAPATI AKSHAY -1NH21IS054

JOSHI VIVEK SHARMA -1NH21IS071

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

YARRAGUNTA UNNATHI -1NH21CS266

VELUVOLU KALYAN RAM -1NH21CS296

Under the guidance of

Mrs. Shruthi G R

Sr. Assistant professor

Department of ISE

Under the guidance of

Ms. A Senthil Anandhi

Sr. Assistant professor

Department of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "EDULOV - Personalized learning platform using AI and data analytics" is a bonafide work carried out by **DOSAPATI AKSHAY (1NH21I5054)** and **JOSHI VIVEK SHARMA (1NH21I5071)** in partial fulfillment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. Sruthi G.P.)



Signature of Guide

(Ms. A Senthil Anandhi)

Signature of HOD

Head of the Department
(Dr. Vandana C.P.)
Information Science and Engineering,
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRYAN

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"CAREER PATH AND SKILL MAPPING DEVELOPMENT PLATFORM "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

PRASIDDHA SHETTY -1NH21IS118

SAMPATH KUMAR -1NH21IS134

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PUTTETI SURARADHITH -1NH21CS189

SHIVALING BASAVARAJ MENASI -1NH21CS219

Under the guidance of

Dr. VANDANA C.P

Associate Professor

Dept of ISE

Under the guidance of

Ms. LAVANYA C

Assistant Professor

Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CAREER PATH AND SKILL MAPPING DEVELOPMENT PLATFORM" is a bonafide work carried out by PRASIDDHA SHETTY (1NH21IS118) and SAMPATH KUMAR(1NH21IS134) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. VANDANA C.P)

Signature of Guide
(Ms. LAVANYA C)

Signature of HOD
(Dr. VANDANA C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN . L
2. Dr. Kalyan D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

DIGITAL IDENTITY AND LEARNING ANALYSIS

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

B.RISHITHA HASINI - 1NH21IS200

CHERITHA. G- 1NH21IS212

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

KAMISSETTY JAHNAVI -1NH21CS121

JANAK RAJ JOSHI-1NH21CS106

Under the guidance of

Ms. Neha Jadhav

Assistant Professor, Dept of ISE

Under the guidance of

Dr. Santhosh Krishna B V

Associate Professor, Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "DIGITAL IDENTITY AND LEARNING ANALYSIS" is a bonafide work carried out by B. RISHITHA HASINI(1NH211S200) and CHERITHA. G(1NH211S212) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Neha J

Signature of Guide

(Ms. Neha Jadhav)

Dr. Santhosh Krishna B V

Signature of Guide

(Dr. Santhosh Krishna B V)

V Vandana C P
31/1/25

Signature of HOD

(Dr. Vandana C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE

2. Jyoti A., SSCE

Signature with date

Neha J
31/1/25

Jyoti A
31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“AI-Based Diagnostic Systems for Heart Anomaly Detection using CMR and ECG”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANANYA K G -1NH21IS014

SRUSTI HIREGOUDAR -1NH21IS158

Under the guidance of

Mrs. KRISHNAVENI A

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANIKET HERLE-1NH21CS027

ARPEETA SONOLI -1NH21CS031

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Academic Year: 2024-25

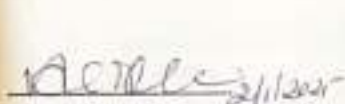


NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-Based Diagnostic Systems for Heart Anomaly Detection using CMR and ECG" is a bonafide work carried out by ANANYA K G (1NH21IS014) and SRUSTI HIREGOUDAR (1NH21IS158) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. KRISHNAVENI A)



Signature of Guide
(Ms. ASHA RANI BORAH)



Signature of HOD
(Dr. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE
2. Jensidee A, SSLE

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Mindful Mood”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

DHRUV MEHTA -1NH21IS051

SARTHAK PATRA K -1NH21IS140

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

KAVYA S -1NH21CS128

NITHYA R V-1NH21CS169

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

ISE, NHCE

Under the guidance of

Mr. Geluvaraj B

Assistant professor

CSE, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Mindful Mood" is a bonafide work carried out by DHRUV MEHTA (1NH21IS051) and SARTHAK PATRA K (1NH21IS140) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Rajlakshmi Ghatkamble)

Signature of Guide

(Mr. Geluvaraj B)

Signature of HOD

(Dr. Vandana C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. P. Senthika R. S.

2. J. Karthiyayini

Signature with date

[Signature] 31/1/25
[Signature] 31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SMART HOME AUTOMATION SYSTEM USING IOT "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ADWAID S KUMAR -1NH21IS011

ASHISH KRISHNAN -1NH21IS030

Under the guidance of

Ms. RAMA DAN

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RAMYA SHREE S -1NH21CS287

R AKSHITHA -1NH21CS190

Under the guidance of

Ms. DEEPTHI JHA

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART HOME AUTOMATION SYSTEM USING IOT" is a Bonafide work carried out by ASHISH KRISHNAN (1NH21IS030) and ADWAID S KUMAR (1NH21IS011) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. RAMA DAN)

Signature of Guide
(Ms. DEEPTHI JHA)

Signature of HOD
(Dr. VANDANA C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE
2. Jennifer A, SCE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SMARTNAV "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

ADITYA SACHIN SAWANT -1NH21IS008

ISHAN SANJEEV PAUL WILLIAM -1NH21IS065

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

RISHAB SWAROOP -1NH21EC129

RAMAKRISHNA U -1NH21EC128

Under the guidance of

Ms. PARVATHY

Senior Assistant Professor

Under the guidance of

Dr. GURULAKSHMI A B

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART-NAV" is a bonafide work carried out by **ADITYA SACHIN SAWANT (1NH21IS008)** and **ISHAN SANJEEV PAUL WILLIAM(1NH21IS065)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. PARVATHY

Signature of Guide

for Dr. GURULAKSHMI A B

Signature of HOD

Dr. VANDANA C P
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. SARANYA C
2. PARVATHI S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SHAHARE SHAYAK “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

SPOORTHY SHREE C M - 1NH21IS155
MITALI TRIVEDI - 1NH21IS194

Under the guidance of
Dr. RAJLAKSHMI GHATKAMBLE
ASSOCIATE PROFESSOR
ISE, NHCE

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

SHREYAS P KUPPASAD - 1NH21CS226
SWAPNIL DATTA - 1NH21CS243

Under the guidance of
Dr. ROJA RAMANI
ASSOCIATE PROFESSOR
CSE, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Shahare Shayak" is a bonafide work carried out by **Spoorthi Shree C M(1NH21IS155)** and **Mitali Trivedi (1NH21IS194)** in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Engineering** of the New Horizon College of Engineering during the year **2024-2025**. 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. Rajlakshmi Ghatkamble)

Signature of Guide

(Dr. Roja Ramani)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. Spoorthi (ca. C.G)

2. J. Karthiyayini

Signature with date

[Signature] 31/12/24

[Signature] 3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Adventures of the Pixel Knight"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ARYAN B - 1NH21IS025

CHEZHAN D - 1NH21IS043

Under the guidance of

Dr. SARAVANAN K

Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DARENA PEARL SA - 1NH21CS063

AFIYA YOUSUF - 1NH21CS012

Under the guidance of

Dr. PRAMILARANI K

Assoc. Professor

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Adventures of the Pixel Knight" is a Bonafide work carried out by ARYAN B (1NH211S025) and CHETHAN D (1NH211S043) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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  30/12

Signature of Guide
(Dr. SARAVANAN K)

 30/12/24

Signature of Guide
(Dr. PRAMILARANI K)



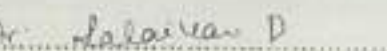
Signature of HOD
(DR. VANDANA CP)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103


SEE VIVA

Name of Examiner

1.  L

2.  D

Signature with date

 31/12/24

 31/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Train Tilt: Machine Learning Model for Computation of Real
Time Angles for Trains “**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

SUHAS O - 1NH21IS161

LOCHAN KUMAR D S - 1NH21IS201

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

KISHORE KUMAR A -1NH21EC078

K MURALI -1NH21EC074

Under the guidance of

Mrs. Neha Jadhav
Assistant professor

Under the guidance of

Dr. Gurulakshmi A. B
Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Train Tilt: Machine Learning Model for Computation of Real Time Angles for Trains" is a bonafide work carried out by **SUHAS O (1NH21IS161)** and **LOCHAN KUMAR D S (1NH21IS201)** in partial fulfillment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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.

Neha J

Signature of Guide
(Mrs. Neha Jadhav)

A. B. Gurulakshmi

Signature of Guide
(Dr. Gurulakshmi A. B)

V. Vandana C P

Signature of HOD
(Dr. Vandana C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. *Ms. Neha Jadhav, NHCE*
2. *Jennifer A. SCSSE*

Signature with date

Neha J
3/11/25

Jennifer A
3/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“INTERSECTION MANAGEMENT: ADAPTIVE OPTIMIZATION “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

PAWAN SAI SUNKARA -1NH21IS111

VISHAL V -1NH21IS182

Under the guidance of

Ms. THAMARAI SELVI

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BALAJI SUNKU -1NH21CS043

BHAVSAR NITYA JIGNESH -1NH21CS047

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTERSECTION MANAGEMENT: ADAPTIVE OPTIMIZATION" is a bonafide work carried out by PAWAN SAI SUNKARA (1NH21IS111) and VISHAL V (1NH21IS182) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Thamarai Selvi)

Signature of Guide
(Ms. Asha Rani Borah)

Signature of HOD
(Dr. Vandana C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. SARANYA D C
2. PARVATHY S

Signature with date

Saranyad C
31/1/25
Parvathy S
31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"QUI-ZOOM "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

DISHA M S - 1NH21IS052
LIKITHA H M - 1NH21IS207

Under the guidance of

Mrs. Parvathy S
Sr. Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

SHREYA NAYAK -1NH21CS223
SHREYAS G -1NH21CS224

Under the guidance of

Ms. Srividhya G
Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Qui-Zoom" is a bonafide work carried out by **DISHA M S (1NH21IS052)** and **LIKITHA H M (1NH21IS207)** in partial fulfilment for the award of **Bachelor of Engineering** in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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
(Mrs. Parvathy S)

Signature of Guide
(Ms. Srividhya G)

Signature of HOD
(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. SARANYA C
2. PARVATHY S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Re-Gen Advancing Regenerative Therapies for a Healthier Future Innovative Solutions and Regenerative Medicine

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

D. Harsha Vardhan - 1NH21IS046
G. Gowri Pranay Reddy-1NH21IS059

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

D. Teja - 1NH21CS064
C. Pavan Kumar Reddy -1NH21CS056

Under the guidance of

Mrs. Bibiana Jenifer J

Assistant Professor, Dept of ISE

Under the guidance of

Mrs. Chempavathy B

Senior Assistant Professor, Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Re-Gen Advancing Regenerative Therapies for a Healthier Future Innovative Solutions and Regenerative Medicine** is a bonafide work carried out by **D. HARSHA VARDHAN (1NH21IS046)** and **G. GOWRI PRANAY REDDY (1NH21IS059)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. Bibiana Jenifer J)

Signature of Guide

(Mrs. Chempavathy B)

Signature of HOD

(Dr. Vandana C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Nisha Jadhav, NHCE

2. Jenifer A, ISSE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**“AutoNav: A Multifunctional Robot with Obstacle Avoidance,
Bluetooth, and Voice Control Capabilities”**

Submitted in partial fulfilment for the award of the degree of

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

Roopesh T B -1NH22IS410
Upputuri Shekhar Rajeev -1NH22IS413

Under the guidance of

Mrs. Divya K V
Assistant Professor
Dept. of ISE

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

Kiran V -1NH22CS407
Rudramuni Dore SP -1NH22CS414

Under the guidance of

Ms. Florance G
Senior Assistant Professor
Dept. of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AutoNav: A Multifunctional Robot with Obstacle Avoidance, Bluetooth, and Voice Control Capabilities" is a bonafide work carried out by ROOPESH T B (1NH22IS410) and UPPUTURI SHEKHAR RAJEEV (1NH22IS413) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. DIVYA K V)

Signature of Guide

(Ms. FLORANCE G)

Signature of HOD

(Dr. VANDANA C.P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1.

2.

Signature with date

.....

.....



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TILTING TRAIN SET "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

GADE GURU SARAN REDDY - 1NH21IS203

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

BY

KUMMARA ABHISHEK -1NH22ME404

PARTH C BHARADWAJ – 1NH21ME051

Under the guidance of

Mrs. NEHA JADHAV

Assistant Professor

Under the guidance of

Mr. HANAMANT YARAGUDRI

Sr. Assistant Professor

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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


DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TILTING TRAIN SET" is a Bonafide work carried out by GADE GURU SARAN REDDY (1NH21I5203) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.



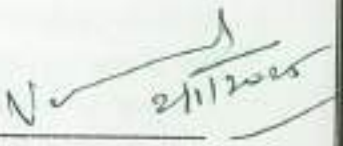
Signature of Guide

Mrs. Neha Jadhav



Signature of Guide

Mr. HANAMANT YARAGUDRI



Signature of HOD

Dr. Vandana C P

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE

2. Jennifer A. SSCE

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Weather Forecasting at Micro Level “

Submitted in partial fulfillment for the award of the degree of

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

HEMANTH S V-1NH21IS063
SURAJ U -1NH21IS164

Under the guidance of
Mrs. PRIYA N
Sr Assistant Professor,
Dept. of ISE

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

VIGNESH NAIR-1NH21CS258
KHAGENDRA K -1NH21CS133

Under the guidance of
Mr.GELUVARAJ B
Associate Professor,
Dept. of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Weather Forecasting at Micro Level" is a bonafide work carried out by HEMANTH SV(1NH21IS063) and SURAJ U(1NH21IS164) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. Priya N)

Signature of Guide
(Mr. Geluvaraj B)

Signature of HOD
(Dr. Vandana CP)

SEE VIVA

Name of Examiner

1 PRIYA N

2 NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“DOCTOR’S VOICE: VOICE TO TEXT REPORT GENERATION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

HARSH J VALAKI - 1NH21IS060

VINAYAK B SONAR - 1NH21IS178

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

SIDDHARTH RAJESH - 1NH21EC150

VINAYAK S BANGARSHETRA - 1NH21EC184

ARYAMAN PRAJIN - 1NH21EC023

Under the guidance of

**Dr. K SARAVANAN
PROFESSOR**

Under the guidance of

**Dr. ARUN KUMAR K
ASSOCIATE PROFESSOR**

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "DOCTOR'S VOICE: VOICE TO TEXT REPORT GENERATION" is a bonafide work carried out by HARSH JASHVANTBHAI VALAKI (1NH21IS060) and VINAYAK B SONAR (1NH21IS178) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 SARAVANAN)

Signature of Guide
(Dr. ARUN KUMAR K)

Signature of HOD
(Dr. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

Signature with date

1

.....

2 Dr. Lakshmi D

3/1/24



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Wake-watch- drowsiness detection system “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

Reshma Gowda V -1NH21IS123

S Harsshitha -1NH21IS128

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

Indresh M -1NH21CS101

Vigna Shanmugam P -1NH21CS259

Under the guidance of

Ms. A. Shalini

Sr. Assistant Professor

Under the guidance of

Ms. Lakshmi S Hanne

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "**Wake-watch-drowsiness detection system**" is a bonafide work carried out by **Reshma Gowda V (1NH21IS123)** and **S Harsshitha (1NH21IS128)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. A. Shalini

Signature of Guide

Ms. Lakshmi S Hanne

Signature of HOD

(HOD-ISE)

SEE VIVA

Name of Examiner

1. PRISMA . N

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"LINGUALEADER – A LANGUAGE PREDICTION AND TRANSLATOR APP"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

ARYAN GHAI -1NH21IS026

ANKITA YANKANCHI-1NH21IS017

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

DIKSHA S -1NH21CS073

JITHIN NAIR -1NH21CS112

Under the guidance of

Mrs. Rama Dan

Assistant Professor

ISE, NHCE

Under the guidance of

Ms. Lavanya C.

Assistant Professor

CSE, NHCE

Academic Year: 2024-25

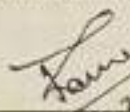


NEW HORIZON COLLEGE OF ENGINEERING

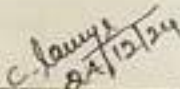
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

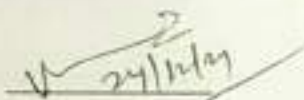
It is hereby certified that the interdisciplinary project work entitled "Lingualeader – A Language Prediction and Translator App" is a bonafide work carried out by ARYAN GHAI (1NH21IS026) and ANKITA YANKANCHI (1NH21IS017) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


24/12/24

Signature of Guide
(Mrs. Rama Dan)


24/12/24

Signature of Guide
(Ms. Lavanya C)


24/12/24

Signature of HOD
(Dr Vandana CP)

SEE VIVA

Name of Examiner

Signature with date

1. Ms. Neha Jadhav, NHCE


24/12/24

2. Jennifer A. S. S. CE


24/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“BREAST CANCER DETECTION “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

ASHIKA TABASSUM -1NH21IS028

BANDI PRANAYA SINDHU -1NH21IS035

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

DEEKSHA R -1NH21EC042

G PRANATHI -1NH21EC055

Under the guidance of

Dr. SIVARAMAKRISHNAN S

Associate Professor

Under the guidance of

Dr. ARUN KUMAR K

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BREAST CANCER DETECTION" is a Bonafide work carried out by **ASHIKA TABASSUM (1NH21IS028)** and **BANDI PRANAYA SINDHU (1NH21IS035)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. SIVARAMAKRISHNAN S)

Signature of Guide

(Dr. ARUN KUMAR R)

Signature of HOD

(Dr. VANDANA C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN. L

2. Dr. Kalaiyar D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Custom Cure"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

Jaswanth Chowdary L -1NH21I5069

Gowtham M -1NH21I5058

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

Saiyad-1NH21CS211

R Harshavardhan Reddy -1NH21CS191

Under the guidance of

Ms. Rama Dan

Sr. Assistant professor

Under the guidance of

Ms. Vernika Singh

Assistant professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Custom Cure" is a Bonafide work carried out by **JASWANTH CHOWDARY L(1NH21IS069)**, **GOWTHAM M(1NH21IS058)**, in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. RAMA DAN)

Signature of Guide
(Ms. VERNIKA SINGH)

Signature of HOD
(DR. VANDANA CP)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE

2. JENIFER A. SLE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“RackIt : Food Quality Detection System”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

ANAND K SHAW -1NH21IS013
MARCUS PRANAY V -1NH21IS196

Under the guidance of

Mrs. Thamarai Selvi
Assistant Professor
Department of ISE

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

HEMANT DASAKA -1NH21CE023
SANTOSH -1NH21CE051

Under the guidance of

Ms. Shwetha.A.N
Assistant Professor
Department of CE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Rackit : Food Quality Detection System" is a bonafide work carried out by **Anand K Shaw (1NH21IS013)** and **Marcus Pranay V (1NH21IS196)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. Thamarai Selvi)

Department of ISE

Signature of Guide

(Ms. Shwetha.A.N)

Department of CE

Signature of HOD

(Dr. Vandana CP)

Department of ISE

SEE VIVA

Name of Examiner

1. SARANYA C

2. PARVATHI / 3

Signature with date

Saranyac
5/11/25

Parvathi
5/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TRANSLATOR FOR INDIAN LANGUAGES "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

BHAVANA.C -1NH21IS038

MITHUN.N -1NH21IS093

Under the guidance of

Ms. THAMARAI SELVI

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MANISH.G -1NH21CS150

P.LAYA -1NH21CS171

Under the guidance of

Ms. BANDARI CHANNARAYA PRIYA

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRANSLATOR FOR INDIAN LANGUAGES" is a bonafide work carried out by C.BHAVANA (1NH21I5038) and MITHUN.N (1NH21I5093) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. THAMARAI SELVI)

Signature of Guide

(Ms. BANDARI CHANNARYA PRIYA)

Signature of HOD

(Dr. VANDANA C.P.)
Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

Signature with date

1. Saranya.C

Saranya.C
12/1/25

2. PARVATHY.S

Parvathy.S
12/1/25



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“Massive Online Open Courseware “
INTERDISCIPLINARY TEAM NUMBER - 87**

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

**Meghana M -1NH21IS092
S Varshini -1NH21IS129**

Under the guidance of
**Mrs. J Karthiyayini
Assistant Professor**

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

**Pokala Priyanka-1NH21CS179
Prathima Chinthalapalli Patta-
1NH21CS184**

Under the guidance of
**Ms. Kavitha U
Assistant Professor**

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

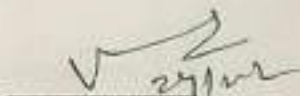
It is hereby certified that the interdisciplinary project work entitled "Massive Online Open Courseware" is a bonafide work carried out by Meghana M (1NH21IS092) and S Varshini (1NH21IS129) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


25/24/24

Signature of Guide
Mrs. J Karthiyayini


24/12/24

Signature of Guide
Ms. Kavitha U


25/1/25

Signature of HOD
Head of the Department
Dr. Vandana C P
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

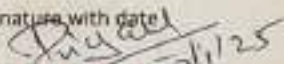
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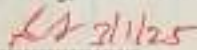
Name of Examiner

PRIYA W

NIKHIL

Signature with date


31/1/25


31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Desktop Bot “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

AASTHA BHARDWAJ -1NH21IS001

ABHINAV KUMAR – 1NH21IS003

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

MANISH PAUL -1NH21CS152

SAHIL KUMAR AGRAWAL – 1NH21CS206

Under the guidance of

Dr. Sivaramakrishnan

Associate Professor

Under the guidance of

Dr. M. DHANALAKSHMI

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Desktop Bot" is a bonafide work carried out by AASTHA BHARDWAJ (1NH21IS001) and ABHINAV KUMAR (1NH21IS003) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. M. Dhanalakshmi)

Signature of Guide

(Dr. Sivaramakrishnan)

Signature of HOD

(HOD-ISE)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN. L

2. Dr. Kalavani D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SUSTAINABLE FARMING “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

YASHWANTH L - 1NH21I5187

YASHWANTH M - 1NH21I5188

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

V VAMSHI KRISHNA-1NH21EC168

VISHAL R-1NH21EC186

Under the guidance of

Mrs. Shubhi Srivastava

Senior Assistant professor

Under the guidance of

Dr . Rajesh G

Associate professor

Academic Year: 2024-25

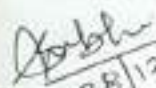


NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SUSTAINABLE FARMING" is a Bonafide work carried out by YASHWANTH L (1NH21IS187) and YASHWANTH M (1NH21IS188) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


28/12/24

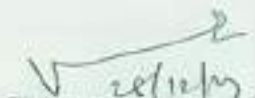
Signature of Guide

(Mrs. SHUBHI SRIVASTAVA)



Signature of Guide

(Dr. RAJESH G)



Signature of HOD

(Dr. VANDANA C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NMCE

2. Jennifer M., SSCCE

Signature with date


21/12/25


21/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"VITAL CARE"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

CHANDAN GOWDA -1NH21IS039
HARSHITH M REDDY -1NH21IS062

Under the guidance of
Dr. ARVIND S. KAPSE
Professor

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

MARIO J KEVIN -1NH21CE029
RISHABH SINGH N -1NH21CE047

Under the guidance of
Ms. SHWETHA A. N
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "VITAL CARE" is a bonafide work carried out by CHANDAN GOWDA (1NH21IS039) and HARSHITH M REDDY (1NH21IS062) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. ARVIND S. KAPSE)

Signature of Guide
(Ms. SHWETHA A. N)

Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

1. Prof. Maria Lian L
2. Dr. Lalitha D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"E-CONSULT+"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

Gurushashank S R -1NH22IS405

Hariamant Gajanan Kulagude -1NH22IS406

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

Ajay Krishna A -1NH22AI401

Jayanth S S -1NH22AI404

Under the guidance of

Dr. Vandana C.P

Associate Professor

Dept. of ISE

Under the guidance of

Mrs. Shravya Shetty

Assistant Professor

Dept. of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "E-CONSULT+" is a bonafide work carried out by GURUSHASHANK S R (1NH22IS405) and HANAMANT GAJANAN KULAGUDE (1NH22IS406) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


26/12/24

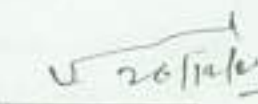
Signature of Guide

(Dr. VANDANA C.P)


26/12/2024

Signature of Guide

(Mrs. SHRAVYA SHETTY)


26/12/24

Signature of HOD

(Dr. VANDANA C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

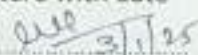
SEE VIVA

Name of Examiner

1. Prof. Manika Kiran. L

2. Dr. Kalavika D

Signature with date


31/12/25





NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Home Security System "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

KAMRAN AHMED-1NH21IS072
KARTHIK KOYYALAMUDI-1NH21IS073

Under the guidance of

Mrs Sri Harshini
Assistant professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

SRUTHI S-1NH21EC154
VAIBHAV R BANNIGOLMATH-1NH21EC170

Under the guidance of

Mr KrishnaKumar R N
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Home Security System" is a bonafide work carried out by KAMRAN AHMED(1NH21IS072) and KARTHIK KOYYALAMUDI(1NH21IS073) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

AC
2/1/25

Signature of Guide

Mr Krishnakumar R N

Shri

Signature of Guide

Mrs Sri Harshini

Vandana

Signature of HOD

Head of the Department

Information Science and Engineering
(HOD-ISE)

NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

Signature with date

1. *Sreanya C*

Sreanya C
2/1/25

2. *PARVATHY S*

Parvathy S
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**“ENHANCED LUMBAR DISEASE CLASSIFICATION THROUGH
HYBRID DEEP LEARNING METHODS “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

AKIB H BADIWALE-1NH22IS400

VINAYAK KAMBLE-1NH22IS416

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABID SAJJAD KUMNALI-1NH22CS401

MANJUNATH KOPPAD-1NH22CS411

Under the guidance of

Ms. PRIYA N

SENIOR ASSISTANT PROFESSOR

Under the guidance of

Dr. NIRMALA M

PROFESSOR

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ENHANCED LUMBAR DISEASE CLASSIFICATION THROUGH HYBRID DEEP LEARNING METHODS" is a bonafide work carried out by AKIB H BADIWALE (1NH22IS400) and VINAYAK KAMBLE(1NH22IS416) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. PRIYA N)

Signature of Guide

(Dr. NIRMALA M)

Signature of HOD

(HOD-ISE)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRIYA W

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TRAVEL MANAGEMENT SYSTEM "

INTERDISCIPLINARY TEAM NUMBER - 70

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

VAISHNAVI A S -1NH21IS172

VAISHNAVI REDDY -1NH21IS173

Under the guidance of

Mrs. JENITA SUBHASH

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

YASHASWI K -1NH21IS267

B RAHUL -1NH21CS040

Under the guidance of

Mr. Geluvaraj B

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRAVEL MANAGEMENT SYSTEM" is a bonafide work carried out by VAISHNAVI A S (1NH21IS172) and VAISHNAVI REDDY (1NH21IS173) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. JENITA SUBHASH)

Signature of Guide

(Mr. Geluvaraj B.)

Signature of HOD

(Dr. Vandana CP)

SEE VIVA

Name of Examiner

1. Ms. Neha Tadhav, NHCE

2. Jennifer A. SCE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“SMART FOOTBALL PLAYER PERFORMANCE ANALYSIS “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

ASHLESH UJJWAL TANDULKAR -1NH21IS031

FAIZAN ABDUL AZEEZ-1NH21IS055

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

CHIRAG V-1NH21EC037

ATHUL SATHEESH -1NH21EC025

Under the guidance of

Dr. S. SIVA RAMAKRISHNAN

Associate Professor

Under the guidance of

Mr. KRISHNA KUMAR

Assistant Professor

Academic Year: 2024-25



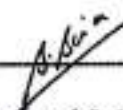
NEW HORIZON COLLEGE OF ENGINEERING

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


DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE


It is hereby certified that the interdisciplinary project work entitled "SMART FOOTBALL PLAYER PERFORMANCE ANALYSIS" is a bonafide work carried out by **ASHLESH UJJWAL TANDULKAR (1NH21IS031)** and **FAIZAN ABDUL AZEEZ (1NH21IS055)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. SIVA RAMAKRISHNAN)

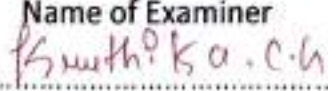


Signature of Guide

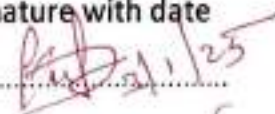

(Mr. KRISHNA KUMAR)


Signature of HOD

(HOD-JSE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner
1. 
2. 

Signature with date





NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“INSTANT PORTABLE WATER QUALITY TESTER “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

Y BHARATH KUMAR-1NH21IS191

P DIVAKAR VENKATA SAINATH-1NH21IS205

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

V JAGADEESH REDDY-1NH21CS254

G SHASHI KUMAR REDDY-1NH21CS274

Under the guidance of

Mrs. JENITA SUBASH

Sr. Assistant Professor, Dept. of ISE

Under the guidance of

Mrs. SENTHIL AANANDHI

Assistant Professor, Dept. of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INSTANT PORTABLE WATER QUALITY TESTER" is a bonafide work carried out by Y BHARATH KUMAR(1NH21IS191) and P DIVAKAR VENKATA SAINATH(1NH21IS205) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Jenita Subash)

Signature of Guide

(Mrs. Senthil Aanandhi)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. PRIYA.N

2. NIKHIL

Signature with date

Priya 31/1/25

Nikhil 31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"ECO-POWER MONITOR - Machine Learning-Powered Energy Prediction and Solar Optimization"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE ENGINEERING

BY

NIKITHA R -1NH21IS102

NEELAM TUSSHAR -1NH21IS098

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

SHRAVANI S -1NH21EE108

SPOORTHI R -1NH21EE110

Under the guidance of

Mrs. Shruthi G R

SR. Asst. Professor

Under the guidance of

Mrs. A S Anitha Nair

Asst. Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ECO-POWER MONITOR - "Machine Learning-Powered Energy Prediction and Solar Optimization"" is a bonafide work carried out by NIKITHA R (1NH21IS102), NEELAM TUSSHAR (1NH21IS098) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. Shruthi G R)



Signature of Guide
(Mrs. A S Anitha Nair)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

Signature of HOD
(Dr. Vandana C P)

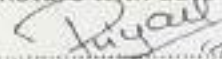
SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date

 31/12/25

 31/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“FRUGAL FIRE DETECTION AND FIREFIGHTING SYSTEM”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

Pathakala R Saithilak -1NH22IS408

Pradeep S -1NH22IS409

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

Khadar Basha D -1NH22EE404

Kiran Kumar R -1NH22EE405

Under the guidance of

Dr. Saravanan K

Professor

Dept. of ISE

Under the guidance of

Dr. Sakthivel Aruchamy

Professor & HOD

Dept. of EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FRUGAL FIRE DETECTION AND FIREFIGHTING SYSTEM" is a bonafide work carried out by PATHAKALA R SAITHILAK(1NH22IS408) and PRADEEP S(1NH22IS409) in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Saravanan
Signature of Guide

Signature of Guide

(Dr. SARAVANAN)

Sakthivel Aruchamy
Signature of Guide

Signature of Guide

(Dr. SAKTHIVEL ARUCHAMY)

Head of the Department

Department of Electrical and Electronics Engineering

New Horizon College of Engineering

Ring Road, K. S. Hanahalli, Bellandur

Bangalore - 560103, Karnataka, India

Vandana C.P.
Signature of HOD

Signature of HOD

(Dr. VANDANA C.P.)

Head of the Department

Department of Information Science and Engineering

New Horizon College of Engineering

Ring Road, K. S. Hanahalli, Bellandur

Bangalore - 560103

Name of Examiner

1. *Prof. Maria Kiran L*

2. *Dr. Kalawani D*

Signature with date

Prof. Maria Kiran L
31/1/25

Dr. Kalawani D
31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

"EXAMGUARD"

Submitted in partial fulfillment for the award of the degree of

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

**SREE SNIGDHA T - 1NH21IS156
KHUSHI M - 1NH21IS197**

Under the guidance of
Mrs. Shubhi Srivastava
Sr. Assistant Professor

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

**BHUMIKA P M - 1NH21CS050
C GITHAMRUTHA VARSHINI - 1NH21CS054**

Under the guidance of
Ms. Nayana N Kumar
Assistant Professor

Academic Year: 2024-25

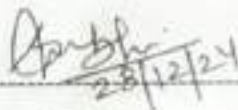


NEW HORIZON COLLEGE OF ENGINEERING

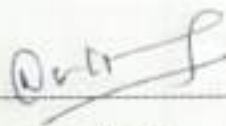
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

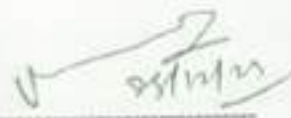
It is hereby certified that the interdisciplinary project work entitled "EXAMGUARD" is a bonafide work carried out by SREE SNIGDHA T (1NH21IS156) and KHUSHI M (1NH21IS197) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


28/12/24

Signature of Guide
(Mrs. Shubhi Srivastava)



Signature of Guide
(Ms. Nayana N Kumar)



Signature of HOD
(Dr. Vandana C P)

SEE VIVA

Name of Examiner

Signature with date

1. SARANYA. C
PARVATHY. S

2. Saranya C
Parvathy S
31/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

" POLYGLOT CAM "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

ROSHAN RANJIT -1NH21IS125
SYED ARFA HUSSAINI -1NH21IS166

Under the guidance of

Dr. ARVIND S KAPSE

Professor
(ISE)

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY

SHOAILUDDIN -1NH21AI096
RAYNA HALLEY R -1NH21AI085

Under the guidance of

Dr. MEENAKSHI SUNDARAM

Professor
(AIML)

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled 'POLYGLOT CAM' is a bonafide work carried out by ROSHAN RANJIT (1NH21IS125) and SYED ARFA HUSSAINI (1NH21IS166) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. ARVIND S KAPSE)

Signature of Guide
(Dr. MEENAKSHI SUNDARAM)

Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

1. Dr. Kishan D

2. Dr. Kishan D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"MULTIPLE DISORDER PREDICTION USING
ENSEMBLE MODELS "**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KANISHK SANADI -1NH21CS124

KEERTHANA R -1NH21CS130

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

MADHUSHREE ONTAGODI -1NH21IS087

P TEJASWINI REDDY -1NH21IS106

Under the guidance of

Dr. Pramilarani K(CSE)

Associate Professor.

Under the guidance of

Dr. Sivaramkrishnan S(ISE)

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MULTIPLE DISORDER PREDICTION USING ENSEMBEL MODELS" is a bonafide work carried out by MADHUSHREE ONTAGODI(1NH21I5087) and P TEJASWINI REDDY (1NH21I5106) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Sivaramkrishnan S)

Signature of Guide

(Dr. Pramilarani k)

Signature of HOD

Head of the Department
(Dr. Vandana C B)
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. K. Karthikeyan

2. J. Karthikeyani

Signature with date

H. 02/01/25

[Signature]
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“BREAKING LANGUAGE BARRIERS”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

DHARMIK BADARSHAHI - 1NH21IS049

NIKHIL BHATT - 1NH21IS100

Under the guidance of

Dr. VANDANA C P
Associate Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

EIKSHIT SINGHAL - 1NH21CS078

HRITHIK KAUSHIK - 1NH21CS099

Under the guidance of

Ms. ASHA RANI BORAH
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BREAKING LANGUAGE BARRIERS" is a bonafide work carried out by Dharmik Badarshahi (1NH21IS049) & Nikhil Bhatt (1NH21IS100) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Vandana C P)



Signature of Guide

(Ms. Asha Rani Borah)



Signature of HOD

(Dr. Vandana C P)


SEE VIVA

Name of Examiner

1. Malia Kiran. L

2. Dr. Kalpana D

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"MY SKIN "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

DEEPAK N C -1NH21IS048

Under the guidance of

Dr. S. Siva Ramakrishnan

Associate Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ISHIKA DAYAL -1NH21CS103

MANISHA GUPTA -1NH21CS153

Under the guidance of

Ms. Soja Rani

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MY SKIN" is a bonafide work carried out by DEEPAK N C (1NH21IS048) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Siva Ramakrishnan)

Signature of Guide

(Ms. Soja Rani)

SEE VIVA

Signature of HOD

(Dr. Vandana C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

Name of Examiner

1. Kumar K. C. G.

2. J. Karthikeyini

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

HATE SPEECH DETECTION SYSTEM USING MACHINE LEARNING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

MOHAN BABU M -1NH21IS211

SHREERANGA B -1NH22IS412

Under the guidance of

Ms. SHALINI A

Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING

BY

AISHWARYA N -1NH21CS013

SRIDEVI G -1NH22CS417

Under the guidance of

Ms. SUBHASHREE RATH

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled Hate Speech Detection System Using Machine Learning is a bonafide work carried out by MOHAN BABU M (1NH21IS211), SHREERANGA B (1NH22IS412) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SHALINI A)

Signature of Guide

(Ms. SUBHASHREE RATH)

Signature of HOD

(Dr. VANDANA C P)

Head of the Department

Information Science and Engineering

NEW HORIZON COLLEGE OF ENGINEERING

Bangalore - 560103

SEE VIVA

Name of Examiner

1. PRIMA - N

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Powered Fault Detection System for Railway Tracks “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

G. KUSHAL BADRINATH -1NH21IS082

MOHAMED AMEER,A -1NH21IS094

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

ABISHEK BK -1NH21EC007

ARAVETI SAI SREEKAR -1NH21EC021

Under the guidance of

Ms. JENITHA S

Senior Assistant Professor, Dept of ISE

Under the guidance of

Ms. R BABY CHITHRA

Senior Assistant Professor, Dept of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "**Powered Fault Detection System for Railway Tracks**" is a bonafide work carried out by **G.KUSHAL BADRINATH (1NH21IS082)** and **MOHAMED AMEER.A (1NH21IS094)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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.

San Ashwina

Signature of Guide
(Ms. JENITHA S)

RBC

Signature of Guide
(Ms. R BABY CHITHRA)

V Vandana C P

Signature of HOD
(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. *PRITHA-N*

2. *NIKHIL*

Signature with date

Pritha N
3/1/25

Nikhil
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“REAL TIME TRANSLATION FOR INDIAN LANGUAGES “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

ANTONNETE NIKITA M-1NH21IS019

CHARISHMA.T.R -1NH21IS041

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

RENUKA RIMAL -1NH21CS196

UMME IMAN S -1NH21CS252

Under the guidance of

Ms. Yogitha

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "REAL TIME TRANSLATION FOR INDIAN LANGUAGES" is a bonafide work carried out by ANTONNETE NIKITA M(1NH21IS019) and CHARISHMA.T.R (1NH21IS041) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Rajlaxmi Ghatkamble)

Signature of Guide

(Ms. Yogitha)

Signature of HOD

(Dr. Vandana CP)

SEE VIVA

Name of Examiner

1. B. Suresh/50.C.G

2. J. Kaarthikeyani

Signature with date

[Signature] 31/1/25

[Signature] 31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“FACE TRACE : CNN DRIVEN ATTENDANCE “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

TRUPTHI S ANAND - 1NH21IS170
VARSHA K - 1NH21IS174

Under the guidance of
Mrs. J KARTHIYAYINI
Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

RACHIETAA RAMESH RAO - 1NH21CS193
S VAISHNAVI - 1NH21CS203

Under the guidance of
Mr. BHASKAR S V
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FACE TRACE : CNN DRIVEN ATTENDANCE " is a bonafide work carried out by TRUPTHI S ANAND (1NH21IS170) and VARSHA K (1NH21IS174) in partial fulfilment for the award of **Bachelor of Engineering** in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. J Karthiyayini)

Signature of Guide

(Mr. Bhaskar S V)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. Pruthi/CA .C.P

2. J. Karthiyayini

Signature with date

Pruthi/CA .C.P
03/11/25

J. Karthiyayini
3/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

" Polyglot Bharat "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

AD.Poojitha -1NH21IS015

Udayagiri Shubha Sree-1NH21IS171

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

Shreya Bose -1NH21CS221

Sona Amrutha -1NH21CS237

Under the guidance of

Mrs. Krishnaveni A

Assistant Professor

Under the guidance of

Ms.Chitra C

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Polyglot Bharat" is a bonafide work carried out by AD.Poojitha (1NH21IS015) and Udayagiri Shubha Sree (1NH21IS171) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Krishnaveni A)

Signature of Guide

(Ms. Chitra C)

Signature of HOD

HOD/ISEI
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1.

2.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"INTELLI-ASSESS"**

Submitted in partial fulfillment for the award of the degree of

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

SHRIYA N M -1NH21IS149
SUHASINI R GOTA -1NH21IS162

Under the guidance of

Dr. KALAIVANI D
Associate Professor

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

HEMITHA K J -1NH21CS098
IRENE TRINICIA N -1NH21CS102

Under the guidance of

Mr. GELUVARAJ B
Associate Professor

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

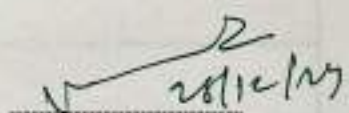
It is hereby certified that the interdisciplinary project work entitled "INTELLI-ASSESS" is a bonafide work carried out by SHRIYA N M (1NH21IS149) and SUHASINI R GOTA (1NH21IS162) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


28/12/24

Signature of Guide
(Dr. KALAIVANI D)



Signature of Guide
(Mr. GELUVARAJ B)


28/12/24

Signature of HOD
(Dr. VANDANA C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

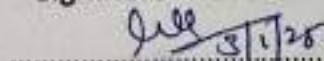
SEE VIVA

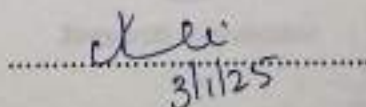
Name of Examiner

1. MARIA KIRAN

2. Dr. Kalaivani D

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

PLANT DISEASE DETECTION USING MACHINE LEARNING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

E C SAI KIRAN -1NH22IS404

SANASAM BIRJIT SINGH-1NH21IS209

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SUSHMITA RADHAKRISHNA NAIK -1NH22CS420

VISHAL E R -1NH22CS422

Under the guidance of

Ms. SHALINI A
Senior Professor

Under the guidance of

Ms. LAKSHMI S HANNE
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PLANT DISEASE DETECTION USING MACHINE LEARNING" is a bonafide work carried out by E C SAI KIRAN (1NH22IS404) and SANASAM BIRJIT SINGH (1NH21IS209) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SHALINI A)

Signature of Guide
(Ms. LAKSHMI S HANNE)

Signature of HOD
(Dr. VANDANA C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560 103

SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date

31/12/25

31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"FOG ASSISTANT"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN INFORMATION SCIENCE & ENGINEERING

BY

SAI SUMUKH G S-1NH21IS131

SHREYAS JAKKULA-1NH21IS147

Under the guidance of

Mrs. Bibiana Jenifer J

Assistant Professor

BACHELOR OF ENGINEERING

IN ARTIFICIAL INTERLLIGENCE AND MACHINE

LEARNING

BY

RANJITH K -1NH21AI083

SRI SAI KARTHEEK-1NH21AI103

Under the guidance of

Ms. Ramyasree P M

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FOG ASSISTANT" is a bonafide work carried out by SAI SUMULH G S (INH21HS131) and SHREYAS JAKKULA (INH21HS147) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE & ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Bibiana Jenifer J)

Signature of Guide

(Ms. Ramyashree P M)

Signature of HOD

(Dr. Vandana C P)

Head of the Department

Information Science and Engineering

NEW HORIZON COLLEGE OF ENGINEERING

Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neel Jadhav, NHCE

2. Jennifer A, SCE

Signature with date

Neel Jadhav
01/12/25

Jennifer A
01/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"QUIZWIZ"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANISH RAJ GOPAL RAI -1NH21IS016

PAVAN KUMAR P -1NH21IS108

Under the guidance of

Dr. R J Anandhi (ISE)

Professor and Dean Academics

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DHANUSH V -1NH21CS071

DINAKAR -1NH21CS074

Under the guidance of

Ms. Lavanya C (CSE)

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QUIZWIZ" is a bonafide work carried out by ANISH RAJ GOPAL RAI (1NH21IS016) and PAVAN KUMAR P (1NH21IS108) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Lavanya C)

Signature of Guide
(Dr. R.J. Anandhi)

Signature of HOD
(Dr. Vandana C P)

SEE VIVA

Name of Examiner

- 1.
- 2.

Signature with date

- 1.
- 2.



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“FAKE FACE DETECTION”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

KHUSHI KASHYAP -1NH21IS077

SHUBHAM KUMAR -1NH21IS150

Under the guidance of

Ms. KRISHNAVENI A

Assistant Professor

Information Science and Engineering

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ASHIN C FREJI -1NH21CS035

NEHA -1NH21CS165

Under the guidance of

Ms. BANDARI CHANNARAYA PRIYA

Assistant Professor

Computer Science and Engineering

Academic Year: 2024-25



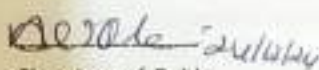
NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

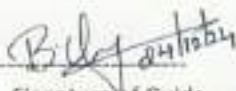
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

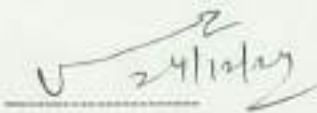
It is hereby certified that the interdisciplinary project work entitled "FAKE FACE DETECTION" is a bonafide work carried out by KHUSHI KASHYAP (1NH21IS077) and SHUBHAM KUMAR (1NH21IS150) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. KRISHNAVENI A)


Signature of Guide

(Ms. BANDARI CHANNARAYA PRIYA)


Signature of HOD

(Dr. VANDANA C.P)


Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

Signature with date

1. 
.....


.....

2. 
.....


.....



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"AUTOMATED 3D MODELLING
FROM 2D BLUEPRINTS"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

ADRIJA DEVBARMA - 1NH21IS010

DIYA K ANOOP -1NH21IS053

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

ANUSHRI VASUDEVAN-1NH21CS276

SOHAN RAJENDRAN-1NH21CS294

Under the guidance of

Mrs. PARVATHY S

Sr. Assistant Professor

Under the guidance of

Ms. YASASWI A

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AUTOMATED 3D MODELLING FROM 2D BLUEPRINTS" is a bonafide work carried out by Adrija Devbarma (1NH21IS010) and Diya K Anoop (1NNH21IS053) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. Parvathy S)

Signature of Guide
(Ms. Yasaswi A)

Signature of HOD
(Dr. Vandana CP)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. SIRANJAC
2. PARVATHY S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"OPEN BOX"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

NITHESH KUMAR -1NH21IS104

P ADITYA -1NH21IS105

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

ANANYA ASHOK -1NH21CS025

B TEJHAASWWINI -1NH21CS278

Under the guidance of

Dr. R J ANANDHI

Professor and Dean of Academics

Under the guidance of

Ms. BHAVYA R

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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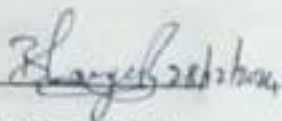
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "OPEN BOX" is a bonafide work carried out by NITHESH KUMAR (1NH21IS104) and P ADITYA (1NH21IS105) in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.



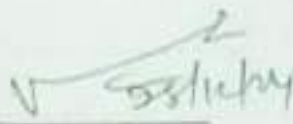
Signature of Guide

(Dr. R.J. Anandhi)



Signature of Guide

(Ms. Bhavya R.)



Signature of HOD

(Dr. Vandana C.P.)
Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560 103

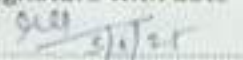
SEE VIVA

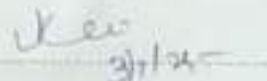
Name of Examiner

1. Prof. Maria Kiran . K

2. Dr. Kalyan . D

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"MEDICO"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SHODHAN A K -1NH21IS145

SHREYAS V -1NH21IS148

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

TEJAS C M -1NH21CS246

YASHAVANT KALASHETTI -1NH21CS268

Under the guidance of

Ms. PRIYA N

Sr Assistant Professor

Dept of ISE

Under the guidance of

Ms. DEEPTHI JHA

Assistant Professor

Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MEDICO" is a bonafide work carried out by SHODHAN AK (1NH21IS145) and SHREYAS V (1NH21IS148) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. PRIYA N)

Signature of Guide

(Ms. DEEPTHI JHA)

Signature of HOD

(Dr. VANDANA C.P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date

3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"OBSTACLE AVOIDER ROBOTIC VEHICLE IN
HOSPITAL ENVIRONMENT "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

SUDARSHAN T -1NH21IS160

VISHWA K -1NH21IS184

Under the guidance of

Mrs. DIVYA K.V

Assistant Professor

BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING

BY

JOSEPH PRAMODRAJ -1NH21ME028

K NAVEEN KUMAR -1NH21ME030

Under the guidance of

Mr. SHIVA PRAKASH. S

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "OBSTACLE AVOIDER ROBOTIC VEHICLE IN HOSPITAL ENVIRONMENT" is a bonafide work carried out by SUDARSHANT (1NH21IS160) and VISHWA K (1NH21IS184) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 Divya

Signature of Guide

Mrs. Divya K. V

for Shiva

Signature of Guide

Mr. Shiva Prakash. S

Vandana

Signature of HOD

Dr. Vandana CP
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1 *Krushika*

2 *J. Kauthiyayini*

Signature with date

3/1/25

Shiva
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI BASED VIRTUAL PATIENT ASSISTANT CHATBOT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

BHARATH J -1NH21IS037

BHARATHWAJ K -1NH21IS080

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

ABHAY G - 1NH21CS003

ABISHEK J - 1NH21CS004

Under the guidance of

Mrs. Archana Das

Assistant Professor

Under the guidance of

Mrs. Kavitha U

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI BASED VIRTUAL PATIENT ASSISTANT CHATBOT" is a bonafide work carried out by BHARATH J (1NH21IS037) and BHARATHWAI K (1NH21IS080) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Archana
21/12/24

Signature of Guide

Mrs. Archana Das

K
21/12/24

Signature of Guide

Mrs. Kavitha U

Vandana

Signature of HOD

Dr. Vandana C P
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. *Saranya C*

2. *Parvathy S*

Signature with date

Saranya C
21/12/24
Parvathy S
31/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"LIFE – FLOW"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SUDEEP G R - 1NH21IS056

JAGRUTH P - 1NH21IS067

Under the guidance of

Dr. Kalaivani D

Associate Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RACHAN P - 1NH21CS192

SOMASHEKAR N - 1NH21CS236

Under the guidance of

Ms. Vernika Singh

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "LIFE-FLOW" is a bonafide work carried out by SUDEEP G R (1NH21IS056) and JAGRUTH P (1NH21IS067) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Kalaivani D)

Signature of Guide

(Ms. Vernika Singh)

Signature of HOD

(Dr. Vandana C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN L.

2. Dr. Kalaivani D.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“QUAKEPREDICT – A SIMPLE EARTHQUAKE PREDICTION SYSTEM “

Submitted in partial fulfilment for the award of the degree of

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

**Y SAI SIVA SRI CHARAN-1NH21IS185
V PARTHIV VALLABH-1NH21IS195**

***Under the guidance of*
Mrs. JENITA SUBASH**

Sr. Assistant Professor, Dept. of ISE

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

**NIKHIL SURYADEVARA-1NH21CS166
POLINA CHARAN KUMAR-1NH21CS180**

***Under the guidance of*
Ms. PRAMILARANI K**

Assistant Professor, Dept. of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QUAKEPREDICT – A SIMPLE EARTHQUAKE PREDICTION SYSTEM" is a bonafide work carried out by Y SAI SIVA SRI CHARAN(1NH21IS185) and V PARTHIV VALLABH(1NH21IS195) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Jenita Subash)

Signature of Guide

(Ms. Pramilarani K)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. PRIYA W

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"Polyglot Nexus: Real-Time Multilingual Translation across
Indian Languages "**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

SEETHARAM MAYYA-1NH211S142

KARTIK PATTAR - 1NH211S075

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND

MACHINE LEARNING

BY

SHIVOM BARIK -1NH21AI094

SHREYAS PATIL- 1NH21AI098

Under the guidance of

Mrs. BIBIANA JENIFER J

Assistant Professor

Dept of ISE

Under the guidance of

Prof. RAMYASREE P M

Assistant Professor

Dept of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Polyglot Nexus: Real-Time Multilingual Translation across Indian Languages" is a bonafide work carried out by Seetharam Mayya (1NH21IS142) and Kartik Pattar (1NH21IS075) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. BIBIANA JENIFER)

Signature of Guide

(Prof. RAMYASREE P)

Signature of HOD

(Dr. VANDANA C.P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE

2. Jenifer A, SSCE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

"BREAKING BARRIERS"

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING**

BY

**MOUNIKA S -1NH21IS096
APOORVA S VISHWANATH -
1NH21IS021**

Under the guidance of

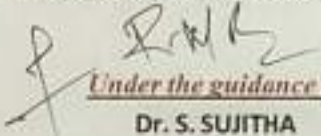
Mrs. PARVATHY S

Senior Associate Professor, ISE

**BACHELOR OF ENGINEERING
IN
ELECTRONICAL AND ELECTRONICS
ENGINEERING**

BY

**PRAJWAL P -1NH21EE080
MUKUND G - 1NH21EE67**


Under the guidance of

Dr. S. SUJITHA

Professor, EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BREAKING BARRIERS" is a bonafide work carried out by MOUNIKA S (1NH21IS096) and APOORVA S VISHWANATH (1NH21IS021) 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 2024-2025. 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
(Mrs. PARVATHY S)

Signature of Guide
(Dr. S. SUJITHA)

Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

1. SARANYA C
2. PARVATHY S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"FOGVISION: ENHANCED VISION AND DETECTION SYSTEM "

Submitted in partial fulfilment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING**

BY

ABIRAMI B -1NH21IS005

ASHOK KUMAR R -1NH21IS032

**BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING**

BY

PRAKASH RAJ M -1NH21EE081

PRANITHA A -1NH21EE084

Under the guidance of

Mrs. KARTHIYAYINI J

Sr. ASSISTANT PROFESSOR
DEPARTMENT OF ISE

Under the guidance of

Mrs. SURAT PYARI ATTI

ASSISTANT PROFESSOR
DEPARTMENT OF EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FOGVISION: ENHANCED VISION AND DETECTION SYSTEM" is a bonafide work carried out by **Abirami B (1NH211S005)** and **Ashok Kumar R (1NH211S032)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

Mrs. Karthiyayini J

Signature of Guide

Mrs. Surat Pyari Atti

Signature of HOD

Dr. Vandana C P

SEE VIVA

Name of Examiner

1. Pruthi K a.c.g

2. J. Karthiyayini

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"POTHOLE DETECTION SYSTEM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

KETAN MANE-1NH21IS089

KRISHNA GOYAL-1NH21IS210

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SHRUTI SHUKLA-1NH20EC191

HARIPRIYA P-1NH21EC064

Under the guidance of

Ms. Parvathy S

Sr.

Assistant Professor

Under the guidance of

Ms. SalnaJoy

Assistant Professor

Academic Year:2024-25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "POTHOLE DETECTION SYSTEM" is a bonafide work carried out by KETAN KISHAN MANE (1NH2115089) and KRISHNA GOYAL (1NH2115210) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Parvathy S)

Signature of Guide
(Ms. SalnaJoy)

Signature of HOD
(Dr. Vandana C.P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. Saranya C
2. PARVATHY S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"PHARMA SERVE "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

GAGAN M - 1NH21IS057

HARSHTIH K - 1NH21IS061

Under the guidance of

Dr. Kalaivani D

Associate Professor

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

N S MEGHANA -1NH21EE068

PRAVEEN BABU S -1NH21EE085

Under the guidance of

Mr. Vinod Kumar S

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PHARMA SERVE" is a bonafide work carried out by GAGAN M (1NH21IS057) and HARSHITH K (1NH21IS061) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Kalaivani D)

Signature of Guide

(Mr. Vinod Kumar S)

Signature of HOD

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN. L

2. Dr. Kalaivani D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SMART LAKE FIRE DETECTION AND ALARMING SYSTEM”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

CHANDAN GOWDA H S - 1NH21IS040
CHINMAY K R - 1NH21IS044

Under the guidance of
Mrs. Shubhi Srivastava
Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING
BY

RAGHU NANDAN K S - 1NH21EE091
SALANKE ANNI RAD - 1NH21EE100

Under the guidance of
Dr. Karthika M
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart Lake Fire Detection and Alarming System" is a bonafide work carried out by CHANDAN GOWDA H S (1NH2115040) and CHINMAY K R (1NH2115044) in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Shubhi Srivastava)

Signature of Guide

(Dr. Karthika M)

Signature of HOD

(Dr. Vandana CP)

SEE VIVA

Name of Examiner

Signature with date

1. SARANYA C

2. PARVATHY S



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“TUMOR DETECTOR “**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING**

BY

SHREYA. U -1NH21IS146

SINCHANA POOJARTHY-1NH21IS152

**BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING**

BY

SUCHITHRA - 1NH21EE113

THANUJA. K - 1NH21EE120

Under the guidance of

Mrs. Neha Jadhav

Assistant Professor

Under the guidance of

Mrs. Sangeetha C N

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TUMOR DETECTOR" is a bonafide work carried out by SHREYA U (INH21IS146) and SINCHANA POOJARTHY (INH21IS152) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Neha's

Signature of Guide
(Mrs. Neha Jadhav)

SCN

Signature of Guide
(Mrs. Sangertha C N)

V Vandana C P

Signature of HOD
(Dr. Vandana C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Mrs. Neha Jadhav, NITGE

2. Jennifer A. S.S.C.E.

Signature with date

Neha's
21/11/25

Jennifer A.
21/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"HEALTH MONITORING SYSTEM WITH CNN BASED FACIAL
EMOTION DETECTION "**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

D KAVERI - 1NH21IS045

ISHA P PAWAR - 1NH21IS064

Under the guidance of

Mrs. Priya Narayanan

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS

ENGINEERING

BY

ANUSHA L - 1NH21EE016

KRUTHIKA B J - 1NH21EE047

Under the guidance of

Mrs. Anitha A

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HEALTH MONITORING SYSTEM WITH CNN BASED FACIAL EMOTION DETECTION" is a bonafide work carried out by D KAVERI (1NH21IS045) and ISHA P PAWAR (1NH21IS064) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Priya Narayanan)

Signature of Guide

(Mrs. Anitha A)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date

Priya N 28/11/25

Nikhil 28/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Smart-Bin “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

KARTHIK L -1NH20IS205
ABHINANDAN ANANT NAIK -1NH21IS002

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING

BY

KEERTHI T E -1NH21EE042
PRANITEJA C N -1NH21EE083

Under the guidance of

Dr. KALAIVANI D
Associate Professor
Dept of ISE

Under the guidance of

Ms. POOJA JOSE
Associate Professor
Dept of EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart-Bin" is a bonafide work carried out by **KARTHIK L (1NH20IS205)** and **ABHINANDAN ANANT NAIK (1NH21IS002)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. KALAVANI D)

Signature of Guide

(Ms. POOJA JOSE)

Signature of HOD

(Dr. VANDANA C P)

SEE VIVA

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

Name of Examiner

1. Ms. Kiran L

2. Dr. Kalavani D

Signature with date

Jul 27/24

Jul 27/24



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“Enhancing Agriculture Efficiency through EVBMS”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

POORNACHANDRA -1NH21IS114

ROHAN SHETTY -1NH21IS124

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS

ENGINEERING

BY

MONIKA C -1NH21EE065

MOULYA B M -1NH21EE066

Under the guidance of

Dr. VANDANA C P

Associate Professor

Dept of ISE

Under the guidance of

Ms. SOUMYA K V

Assistant Professor

Dept of EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Enhancing Agriculture Efficiency through EVBMS" is a bonafide work carried out by POORNACHANDRA(1NH21IS114) and ROHAN SHETTY(1NH21IS124) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. VANDANA C P)

Signature of Guide
(Ms. SOUMYA K V)

Signature of HOD

(Dr. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. MARIA KIRAN L

2. Dr. Kalavane D

NHCE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Exploratory Analysis of Heart Attack and Breast Cancer Early
Stage Prediction “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

M SHIVANI KASHYAP -1NH21IS083

NEHA SINGH -1NH21IS099

BACHELOR OF ENGINEERING

IN

**ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING**

BY

YASHWANTH KUMAR K -1NH21AI124

SREE DINESH REDDY -1NH21AI143

Under the guidance of

Dr. VANDANA C P

Associate Professor, HOD, ISE

Under the guidance of

Dr. SONIA MARIA DZOUUSA

Associate Professor, AIML

Academic Year: 2024-25

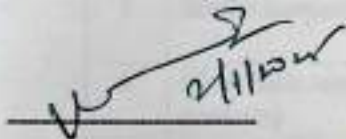


NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

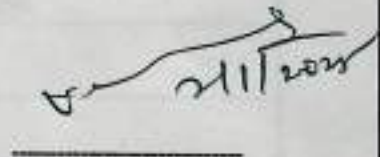
It is hereby certified that the interdisciplinary project work entitled "EXPLORATORY ANALYSIS OF HEART ATTACK AND BREAST CANCER EARLY STAGE PREDICTION" is a bonafide work carried out by M SHIVANI KASHYAP (1NH21IS083) and NEHA SINGH (1NH21IS099) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. VANDANA C P)



Signature of Guide
(Dr. SONIA MARIA DZOUSA)



Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

1. PRIVAN
2. NIKHIL

Signature with date

1. Privan
21/1/25
2. Nikhil
21/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HAZGAURD – HAZARDOUS GAS LEAKAGE DETECTION SYSTEM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

S DEEPAK -1NH21IS127

NAVEEN A -1NH22IS407

Under the guidance of

Ms. SRI HARSHINI DEVI KAIPA

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HazGaurd – Hazardous Gas Leakage Detection System" is a bonafide work carried out by **S DEEPAK (1NH21IS127)** and **NAVEEN A (1NH22IS407)** in partial fulfilment for the award of **Bachelor of Engineering** in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. SRI HARSHINI DEVI KAIPA)

Signature of HOD

(Dr. VANDANA C.P)

Head of the Department,
Information Science and Engineering,
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Saranyac
2. PARVATHI-S

Signature with date

Saranyac
Parvathi-S
5/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Smart Density Based Traffic Control System Using Image
Processing”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

PAVAN V -1NH21IS110

Mohamed Yusuf Ajmal M -1NH21IS095

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

ANKITH H R -1NH21EC019

AMITH KUMAR B R -1NH21EC016

Under the guidance of

Ms. Krishnaveni A

Assistant Professor

Department of ISE

Under the guidance of

Ms. BHAWNA KHOKER

Assistant Professor

Department of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart Density Based Traffic Control System Using Image Processing" is a bonafide work carried out by PAVAN V (1NH21IS110) and MOHAMED YUSUF AJMAL M (1NH21IS095) in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Krishnaveni A)

Department of ISE

Signature of Guide

(Ms. Bhawna Khoker)

Department of ECE

Signature of HOD

(Dr Vandana C P)

Department of ISE

SEE VIVA

Name of Examiner

1. Mrs. Neha Jadhav, NPCE

2. Jyoti A. S.S.C.E

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT ON

INTERDISCIPLINARY PROJECT TITLED

“Heathcare Chatbot”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

RAHUL S -1NH2IIS122

SHETTY ATHARVA MANJUNATH-

1NH2IIS144

Under the guidance of

Ms. SHALINI A

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

GANAPATHI CK-1NH21EC058

NAVISH V -1NH21EC108

Under the guidance of

Ms. BHAWNA KHOKHAR

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Healthcare Chatbot" is a bonafide work carried out by RAHUL S (1NH21I5122) and SHETTY ATHARVA MANJUNATH (1NH21I5144) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SHALINI A)

Signature of Guide

(Ms. BHAWNA KHOKHAR)

Signature of HOD

(DR. VANDANA CP)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date

Priya N
31/7/25
Nikhil
21/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"TRACK AND TRACE "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

PAVAN KUMAR SD - 1NH21IS109
PRAJWAL DG - 1NH21IS116

Under the guidance of

Mrs. RAMA BANSIDHAR DAN
Assistant Professor
Dept of ISE

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

GAJULA HARSHAVARDHAN - 1NH21CS084
HEMANTH HP - 1NH21CS097

Under the guidance of

Mr. GELUVARAJ B
Assistant Professor
Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRACK AND TRACE" is a bonafide work carried out by Pavan Kumar SD (1NH21IS109) and Prajwal DG (1NH21IS116) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Rama Banshidhar Dan)

Signature of Guide

(Mr. Geluvaraj B)

Signature of HOD

(Dr. VANDANA C.P)
Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Ms. Neha Jadhav, NHCE

2. Jennifer A. SSCE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“SMART KITCHEN ASSISTANCE”**

Submitted in partial fulfillment for the award of the degree of

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

**ANUSHA V -1NH21IS020
MADHUMITHA A -1NH21IS085**

Under the guidance of
Dr. Sivaramakrishnan
Associate Professor
Dept. of ISE

**BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING
BY**

**HARSHITHA N -1NH21EE036
KUMARI VAISHNAVI CHOURASIA -
1NH21EE049**

Under the guidance of
Dr. Karthika M
Associate Professor
Dept. of EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART KITCHEN ASSISTANCE" is a bonafide work carried out by ANUSHA V (1NH21IS020) and MADHUMITHA A (1NH21IS085) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Sivaramakrishnan)

Signature of Guide

(Dr. Karthika M)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. MARIA KIRAN.L

2. Dr. Kalavand

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“AGRI – SMART 2.0 ”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

AKASH S CHERIAN -1NH21IS012

ASHIMA PRASAD -1NH21IS029

Under the guidance of

Ms. ARCHANA DAS
Assistant Professor

BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING
BY

NAGAPRASAD H S -1NH21ME048

THARUN B -1NH21ME077

Under the guidance of

Mr. GOWTHAM RAJ R
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AGRI – SMART 2.0" is a bonafide work carried out by **AKASH S CHERIAN (1NH21IS012)** and **ASHIMA PRASAD (1NH21IS029)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. ARCHANA DAS)

Signature of Guide

(Mr. GOWTHAM RAJ R)

Signature of HOD

(HOD-ISE)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. P. Senthil S. O. C. B.

2. J. Karthikeyini

Signature with date

[Signature] 03/11/25

[Signature] 3/11/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“ENHANCING CLIMATE SMART AGRICULTURE WITH SOIL
MONITORING “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

KARTIK GALI-1NH21IS074

VINODA REDDY-1NH21IS179

Under the guidance of

Mrs. J. Karthiyayini

Sr. Asst. Professor

Dept of ISE

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

BY

DEEPAKCV-1NH21ME015

BEERGOND SHERGAR-1NH21ME009

Under the guidance of

Mr. Sujeeth Swamy

Professor

Dept of ME

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ENHANCING CLIMATE SMART AGRICULTURE WITH SOIL MONITORING" is a bonafide work carried out by KARTIK GALI (1NH21IS074) and VINODA REDDY (1NH21IS179) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


2/1/25

Signature of Guide
(Mrs. J. Karthiyayini)


for

Signature of Guide
(Mr. Sujeeth Swamy)

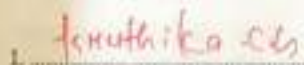

2/1/25

Signature of HOD
(Dr. Vandana C.P)

SEE VIVA

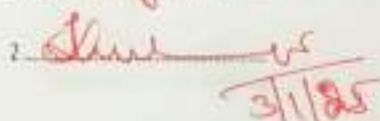
Name of Examiner

Signature with date

1. 

1. 
2/1/25

2. 

2. 
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SIGN SPEAK "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

TAMIL SELVAN M -1NH21IS167
THEOPHILUS M S -1NH21IS168

Under the guidance of
Mrs. J. KARTHIYAYINI
Sr. ASSISTANT PROFESSOR
DEPARTMENT OF ISE

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

MANJUNATH KULAL M B -1NH21CS145
LOHITH A -1NH21CS144

Under the guidance of
Mr. Geluvaraj
ASSOCIATE PROFESSOR
DEPARTMENT OF CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SIGN SPEAK" is a bonafide work carried out by THEOPHILUS M S (1NH21IS168) and TAMIL SELVAN M (1NH21IS167) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

J. Karthiyayini
3/1/25

Signature of Guide

Mrs. J. Karthiyayini

Mr. Geluvaraj

Signature of Guide

Mr. Geluvaraj

Dr. Vandana C P

Signature of HOD

Dr. Vandana C P
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. *J. Karthiyayini*

2. *J. Karthiyayini*

Signature with date

J. Karthiyayini
3/1/25

J. Karthiyayini
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI- HEALTH MONITOR "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

CHAYAN H -1NH21IS042
PRUTHVI U -1NH21IS121

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING

BY

KAUSSHAL TOGO -1NH21CS127
KALLA VISWANATH REDDY -1NH21CS119

Under the guidance of

Ms. SHRUTHI G R

Senior Assistant Professor
Dept of ISE

Under the guidance of

Ms. ROJA RAMANI

Senior Assistant Professor

Dept of CSE

Associate

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-HEALTH MONITOR" is a bonafide work carried out by CHAYAN H (1NH21IS042) and PRUTHVI U (1NH21IS121) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SHRUTHI G R)

Signature of Guide
(Ms. ROJA RAMANI)

SEE VIVA

Signature of HOD
(Dr. VANDANA C P)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

Name of Examiner

1. PRIVAN
2. NIKHIL

Signature with date

2/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Autonomous Vehicle Navigation, Bluetooth and Voice
Control”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

SHASHIKIRAN -1NH22IS411

VINAY KUMAR K N -1NH22IS415

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS
ENGINEERING

BY

BUGGESH-1NH22EE401

SANJEEVAKUMAR N -1NH22EE411

Under the guidance of

Ms. SRI HARSHINI DEVI KAIPA

Assistant Professor

Dept of ISE

Under the guidance of

Mr. VINOD KUMAR S

Assistant Professor

Dept of EEE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Autonomous vehicle navigation, Bluetooth and voice control" is a bonafide work carried out by SHASHIKIRAN (1NH22I5411) and VINAY KUMAR K N (1NH22I5415) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SRI HARSHINI DEVI KAIPA)

Signature of Guide

(Mr. VINOD KUMAR S)

Signature of HOD

(Dr. VANDANA C.P)

SEE VIVA

Name of Examiner

Signature with date

1 Srinivas

Srinivas 2/11/25

2 PARVATHY . S

Parvathy 3/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Design and Development of Smart Window Control System”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SAHANA S -1NH21IS130

SANJIVANI MAZUMDER 1NH21IS136

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

BY

RAHIL NAJEEB -1NH21ME055

MOHAMMED IRFAN -1NH22ME409

Under the guidance of

Dr. R J ANANDHI

Professor And Dean Of Academics

Under the guidance of

Mr. SUJEETH SWAMI

Senior Assistant Professor

Academic Year: 2024-25

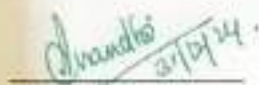


NEW HORIZON COLLEGE OF ENGINEERING

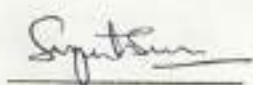
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Design and Development Of Smart Window Control System" is a bonafide work carried out by SAHANA S (1NH21IS130) and SANJIVANI MAZUMDER (1NH21IS136) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 J Anandhi)


Signature of Guide

(Mr. Sujeeth Swami)


Signature of HOD


(Dr. Vandana C P)


Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

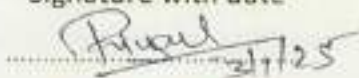
SEE VIVA

Name of Examiner

1. 

2. 

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"WEAPON DETECTION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

KHYRUL MATEEN KHAN -1NH21IS078
SATYA CHARAN V -1NH21IS141

Under the guidance of

Mrs. Shalini.A
Sr. Assistant Professor
Dept. of ISE

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

B ROHAN SRIVATSAV -1NH21EC026
VAISHNAVI -1NH21EC172

Under the guidance of

Mr. Nithin Kumar
Sr. Assistant Professor
Dept. of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "WEAPON DETECTION" is a bonafide work carried out by KHYRUL MATEEN KHAN(1NH21IS078) and SATYA CHARAN V (1NH21IS141) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. Shalini.A)

Signature of Guide
(Mr. Nithin Kumar)

Signature of HOD

(Dr. Vandana C P)

Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRIVAN

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"PERSONALIZED VIRTUAL TEACHER"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

BHARATH L -1NH22IS401

CHANDRAMOULI K P -1NH22IS403

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHISHEK PATIL -1NH22CS400

KOMMALAPATI PAVAN KUMAR -1NH22CS408

Under the guidance of

Mrs. DIVYA K V

Assistant Professor

Under the guidance of

Ms. LAKSHMI S HANNE

Assistant professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALIZED VIRTUAL TEACHER" is a bonafide work carried out by BHARATH L (1NH22IS401) and CHANDRAMOULI K P (1NH22IS403) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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  20/12

Signature of Guide

Mrs. Divya K V



Signature of Guide

Ms. Lakshmi S Hanne

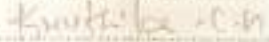


Signature of HOD

Dr. Vandana C P
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

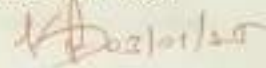
Name of Examiner

1.  20/12

.....

2. 

Signature with date

 20/12/25

 31/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“OneIndi”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

SUBHADEEP DANDA -1NH21IS159

ADITYA SINGH -1NH21IS009

Under the guidance of

Dr. Arvind S Kapse
Professor, ISE Dept.

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

SARTHAK SRIVASTAVA -1NH21EC140

ARUSH GUPTA -1NH21EC022

Under the guidance of

Mr. Puvirajan T.
Assistant Professor, ECE Dept.

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "OneIndi" is a bonafide work carried out by **Subhadeep Danda (1NH21IS159)** and **Aditya Singh(1NH21IS009)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. Arvind S Kapse)

Signature of Guide

(Mr. Puvirajan T.)

Signature of HOD

(Dr. Vandana C. P.)
Head of the Department

Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. Malla Kiran L

2. Dr. Kalsatran D

Signature with date

[Signature]
3/1/25

[Signature]
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Personalise Health Monitoring Sysytem “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

ADITYA KUMAR -1NHI21S007
ARPIT ANAND -1NH21IS024

Under the guidance of

Dr. Arvind S. Kapse
Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

JEFF JUDE -1NH21CS110
H S PRAJAWAL -1NH21CS089

Under the guidance of

Ms. Kavita Raj U
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALISE HEALTH MONITORING SYSTEM " is a bonafide work carried out by ADITYA KUMAR(1NH21IS007) and ARPIT ANAND (1NH21IS024) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. ARVIND S. KAPSE)

Signature of Guide
(Ms. KAVITA RAJ U)

Signature of HOD
(DR. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. Maria Kitan - L
2. Dr. Kalavani D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Rx Assist: Smart Drug Recommendation and Disease Prediction”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

BAVIGADDA BHARATH-1NH21IS036
G VIDYA SHANKAR -1NH21IS202

Under the guidance of
Mrs. BIBIANA JENIFER J
Assistant Professor, Dept. of ISE

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

K SAI DINESH -1NH21CS136
PRAJWAL D A - 1NH21CS181

Under the guidance of
Dr. NIRMALA M
Professor, Dept. of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Rx Assist: Smart Drug Recommendation and Disease Prediction" is a bonafide work carried out by BAVIGADDA BHARATH(1NH21I5036) and G VIDYA SHANKAR(1NH21I5202) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Bibiana Jenifer J)

Signature of Guide

(Dr. Nirmala M)

Signature of HOD

(Dr. Vandana G. P.)
Head of Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. Mrs. Nisha Jadhav, NHCE
2. Jennifer A, S.S.CE

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Multiple Disease Prediction Using Machine Learning”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

SIDDHARTH KULKARNI -1NH21IS151

VINAY S -1NH21IS177

BACHELOR OF ENGINEERING

IN

**ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING**

BY

MUSAB -1NH21AI131

EESHA NAVEEN -1NH21AI031

Under the guidance of

Mrs. JENITHA SUBASH

Assistant Professor

Dept of ISE

Under the guidance of

Ms. SANDYARANI V

Assistant Professor

Dept of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Multiple Disease Prediction Using Machine Learning" is a bonafide work carried out by **SIDDHARTH KULKARNI (1NH21IS151)** and **VINAY S (1NH21IS177)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. JENITHA SUBASH)

Signature of Guide

(Ms. SANDYARANI V)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

Signature of HOD

(Dr. VANDANA C.P)

SEE VIVA

Name of Examiner

1. **PRIYA N**

2. **NIKHIL**

Signature with date

..... **Priya N**
3/1/25

..... **Nikhil**
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Personalized Learning Platform Using Artificial Intelligence"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

D HEMA - 1NH21IS193

B KUSUMA REDDY - 1NH21IS199

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

D SANKEERTHANA -1NH21CS069

K SOWMYA -1NH21CS142

Under the guidance of

Mrs. BIBIANA JENIFER J

Assistant Professor, Dept of ISE

Under the guidance of

Dr. G. VIJAYASEKARAN

Associate Professor, Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALIZED LEARNING PLATFORM USING ARTIFICIAL INTELLIGENCE" is a bonafide work carried out by D Hema (1NH21IS193) and B Kusuma Reddy (1NH21IS199) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

J. Bibiana Jenifer

Signature of Guide

(Mrs. Bibiana Jenifer J)

G. Vijayasekaran

Signature of Guide

(Dr. G. Vijayasekaran)

V. Vandana C P
26/11/24

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. *Mrs. Neha Jadhav, MHCE*

2. *Jenifer A. SSCG*

Signature with date

Neha Jadhav
26/11/24

Jenifer A. SSCG
26/11/24



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

FOOD NUTRIENT TRACKER

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

HARSHITH Y - 1NH21IS190

UDAY KUMAR B- 1NH21IS206

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE

ENGINEERING

BY

SRIRAMA KRISHNA CHAITANYA K -1NH21CS288

SREENATH S -1NH21CS291

Under the guidance of

Mrs. SHRUTHI G R

Senior Assistant Professor, Dept of ISE

Under the guidance of

Dr. SONALI JAGADISH MAHURE

Assistant Professor, Dept of CSE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FOOD NUTRIENT TRACKER" is a bonafide work carried out by HARSHITH Y(1NH211S190) and UDAY KUMAR B(1NH211S206) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Shruthi G R)

Signature of Guide

(Dr. Sonali Jagadish Mahure)

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. PRIYA . N

2. NIKHIL

Signature with date

3/1/25

3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"REAL TIME PASSENGER INFORMATION SYSTEM "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

YASHAS KR -1NH21IS186

VISHAL R -1NH21IS181

BACHELOR OF ENGINEERING

IN

**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
ENGINEERING**

BY

ANVESH S RAI - 1NH21AI013

BHUVAN PETE L - 1NH21AI015

Under the guidance of

Mrs. Priya N

Sr. Assistant Professor

Dept. of ISE

Under the guidance of

Prof. R Ramesh Prasad

Assistant Professor

Dept. of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "REAL TIME PASSENGER INFORMATION SYSTEM" is a bonafide work carried out by YASHAS KR (1NH21IS186) & VISHAL R (1NH21IS181) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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

(Mrs. Priya N)

Signature of Guide

(Prof. R Ramesh Prasad)

Signature of HOD

(HOD-ISE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. PRIYA N

2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

" SMART AGRICULTURE USING IOT "

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING**

BY

PREETHAM H S -1NH21IS120

KEERTHI K -1NH21IS076

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

DIWAKAR V -1NH21EC049

ABHISHEK N -1NH21EC006

Under the guidance of

Mrs. ARCHANA DAS

Assistant Professor

Dept Of ISE

Under the guidance of

Mr. NAGENDRA R

Assistant Professor

Dept of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART AGRICULTURE USING IOT" is a bonafide work carried out by PREETHAM H S (1NH21IS120) and KEERTHI K (1NH21IS076) in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Archana
31/12/2024

Signature of Guide
(Mrs. ARCHANA DAS)

Nag

Signature of Guide
(Mr. NAGENDRA R)

Vandana

Signature of HOD
(Dr. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1..... *SARANYA C*

2.....

Signature with date

..... *Saranyac* / 31/12/25

.....



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Secure Scan"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

SANDEP J G -1NH21IS135
SARIM FAROOQ -1NH21IS139

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING

BY

EMMADUDDIN ASDAQ-1NH21CS079
MURSALEEN SHAFI-1NH21CS162

Under the guidance of

Dr. Rajlakshmi Ghatkamble
Associate Professor
ISE,NHCE

Under the guidance of

Ms. Subhashree Rath
Senior Assistant professor
CSE,NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"VISUAID – Guiding Every Step, Illuminating Every Word "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

SAMHITHA CHAITHRA -1NH21IS133
SARAYU TOKALA -1NH21IS138

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

GUBBA NIHARIKA -1NH21EC061
MEGHANA NANNURI -1NH21EC091

Under the guidance of

Mrs. SHRUTHI G R
Sr. Assistant Professor
Department of ISE

Under the guidance of

Mr. AJAY SUDHIR BALE
Sr. Assistant Professor
Department of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "VISU-AID – Guiding Every Step, Illuminating Every Word" is a bonafide work carried out by **SAMHITHA CHAITHRA (1NH21IS133)** and **SARAYU TOKALA (1NH21IS138)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. SHRUTHI G.R.)



Signature of Guide

(Mr. AJAY SUDHIR BALE)

SEE VIVA

Signature of HOD

(Dr. VANDANA G.R.)

Department of Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

Name of Examiner

1. PRIVA . J

2. NIKAIL

Signature with date

[Signature] 31/11/25

[Signature] 31/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HEALTHCARE CHATBOT "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING BY

YASIR H. DILAWAR -1NH21I5189

AVUSH GAUTAM -1NH21I5208

Under the guidance of

Mrs. THAMARAI SELVI

Associate Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANKIT K. KALWAR -1NH21C5028

DEEPAK PATEL -1NH21C5067

Under the guidance of

Ms. C. SHREENAGAMANJULA RANI

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HealthCare Chatbot" is a bonafide work carried out by **AYUSH GAUTAM (1NH21IS208)** and **YASIR H. DILAWAR (1NH21IS189)** in partial fulfillment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

(Mrs. THAMARAI SELVI)

Signature of Guide

(Ms. SHREENAGAMANJULA
RANI)

Signature of HOD

(Dr. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

1. SARANYA C

2. PARVATHY . S

Signature with date

Saranyac
3/1/25

Parvathy
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI-Powered Automated Assessment and Evaluation System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATIONAL SCIENCE AND
ENGINEERING

BY

NIKHILA SUVEDA MALLA -1NH21IS101

PENTELE DINESH TRILOK-1NH21IS112

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND
ENGINEERING

BY

HARSH AHUJA -1NH21CS092

SIDDHARTH PRADEEP -1NH21CS231

Under the guidance of

Ms. Shruthi G R (ISE)

Senior Assistant Professor

Under the guidance of

Mr. Bhaskar S V(CSE)

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-Powered Automated Assessment and Evaluation System" is a bonafide work carried out by NIKHILA SUVEDA MALLA (1NH21IS101) and PENTELA DINESH TRILOK (1NH21IS112) in partial fulfilment for the award of Bachelor of Engineering in INFORMATIONAL SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Shruthi G R)

Signature of Guide
(Mr. Bhaskar S V)

Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

1. PRIYA. N
2. NIKHIL

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TEACH CONNECT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

PANKAJ KUMAR -1NH21IS107
M. SATHWIK ATHREYA -1NH21IS084

Under the guidance of

Ms. Archana Das
Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

M.V MAHIDHAR REDDY -1NH21CS147
M.KETHANA CHOWDARY -1NH21CS156

Under the guidance of

Ms.Chempavathy
Senior Assistant Professor.

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TEACH CONNECT" is a bonafide work carried out by PANKAJ KUMAR(1NH21IS107) and M.SATHWIK ATHREYA (1NH21IS084) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. ARCHANA DAS)

Signature of Guide
(Ms. CHEMPAVATHI)

Signature of HOD
(DR. VANDANA C P)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

1. SIRANJAL
2. PARVATHY S

Signature with date

Siranjal 21/1/25
Parvathy S



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“IOT-Based Smart Bin Monitoring System “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING

BY

Krishna Kunal -1NH21IS081

Mannat Atwal -1NH21IS091

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

Ishita Dayal -1NH21EC071

Vaibhav Kumar Shah -1NH21EC169

Under the guidance of
Ms. SHUBHI SRIVASTAVA
Sr Assistant Professor

Under the guidance of
Mr. KRISHNA KUMAR
Assistant Professor

Academic Year: 2024-25

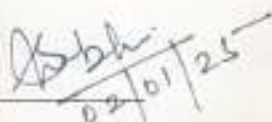


NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

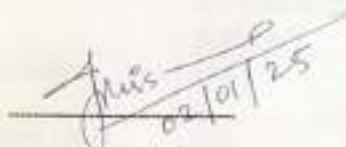
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IOT-Based Smart Bin Monitoring System" is a bonafide work carried out by **KRISHNA KUNAL (1NH21IS081)** and **MANNAT ATWAL (1NH21IS091)** in partial fulfilment for the award of **Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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.


02/01/25

Signature of Guide

(Ms. Shubhi Srivastava)


02/01/25

Signature of Guide

(Mr. Krishna Kumar)


2/1/2025

Signature of HOD

(HOD-ISE)

SEE VIVA


Name of Examiner

1.  Saranya

2.  Parvathi

Signature with date

 Saranya
2/1/25

 Parvathi
3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT ON INTERDISCIPLINARY PROJECT TITLED

“Autonomous Vehicles “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING**

BY

**Adithya M -1NH21IS006
Janardhan P -1NH21IS068**

Under the guidance of

Dr. K Saravanan
Professor
Dept of ISE

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

**Dinesh K -1NH21EC048
Druva P -1NH21EC053**

Under the guidance of

Ms. Shikha Rai A
Assistant Professor
Dept of ECE

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

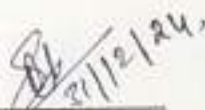
CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Autonomous Vehicles" is a bonafide work carried out by **Adithya M (1NH21IS006)** and **Janardhan P (1NH21IS068)** in partial fulfilment for the award of **Bachelor of Engineering** in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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 
31/12

Signature of Guide

Dr. K Saravanan


31/12/24

Signature of Guide

Ms. Shikha Rai A



Signature of HOD

(HOD-ISE)
Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bangalore - 560103

SEE VIVA

Name of Examiner

Signature with date

1. MARIA KIRAN L


31/12/25

2. Dr. Kalaiyandi D


31/12/25



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Smart Farming : A Crop Recommendation System “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

S THARUN KUMAR RAJU - 1NH21IS154

S ARSHIT NANDAN - 1NH21IS165

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

G V SAI SHAYAM KUMAR - 1NH21CS083

DURUGADDA DATTA KALESWAR - 1NH21CS277

Under the guidance of

Mrs. NEHA JADHAV

Assistant Professor, Dept of ISE

Under the guidance of

Dr. VIJAYASEKARAN

Associate Professor, Dept of CSE

Academic Year: 2024-25



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart Farming : A Crop Recommendation System" is a bonafide work carried out by S THARUN KUMAR RAJU (1NH21IS154) and S ARSHIT NANDAN (1NH21IS165) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Neha J

Signature of Guide

(Mrs. Neha Jadhav)

V. Vijayasekaran

Signature of Guide

(Dr. Vijayasekaran)

V. Vandana C P

Signature of HOD

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. *Ms. Neha Jadhav, NHCE*

2. *Janifer A, SSCE*

Signature with date

Neha Jadhav

Janifer A



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"FINANCE GPT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

TRIPARNA K R -1NH21IS169

ABHISHEK KUMAR -1NH21IS214

Under the guidance of

Ms. Shubhi Srivastava

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANEESHA M C -1NH21CS026

ANSELM BARRETTO -1NH21CS029

Under the guidance of

Ms. Vernika Singh

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FINANCE GPT" is a bonafide work carried out by **TRIPARNA K R (1NH21IS169)** in partial fulfilment for the award of Bachelor of Engineering in **INFORMATION SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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.

Shubhi
31/12/24

Signature of Guide

(Ms. Shubhi Srivastava)

Vemika Singh
31/12/24

Signature of Guide

(Ms. Vemika Singh)

Vandana

Signature of HOD

(HOD-ISE)

Head of the Department
Information Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560103

SEE VIVA

Name of Examiner

Signature with date

1. *Ms. Neha Jadhav, NHCE*

2. *Jennifer A. SSCF*

Neha Jadhav
31/12/24

Jennifer A.
31/12/24



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**A PROJECT WORK REPORT
ON**

“CONNECT FOUR GAME”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

KISAN C PATEL – 1NH21IS079

MANIKANDAN R -1NH21IS090

P DINESH KUMAR REDDY – 1NH21IS113

BHARGAV KUMAR REDDY – 1NH21IS137

Under the guidance of

Mrs. ARCHANA DAS

Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CONNECT FOUR GAME" is a bonafide work carried out by BHARGAV KUMAR REDDY (1NH21IS137) and DINESH REDDY (1NH21IS113) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

Archana
21/11/25

Signature of Guide
(Mrs. ARCHANA DAS)

V Vandana
31/11/25

Signature of HOD
(Dr. VANDANA C P)

SEE VIVA

Name of Examiner

Signature with date

1. *Sranya C*

Sranya C
31/11/25

2. *Parvathi S*

Parvathi S
31/11/25



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A PROJECT WORK REPORT
TITLED

"LVMLOOPER"

**(Logical Volume Management using
Loopdrives)**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

Vikram Roy - 1NH21I5176

Vikas V Vinayak - 1NH21I5414

Ahana Thakur - 1NH20I5206

Under the guidance of

Ms. SRI HARSHINI DEVI KAIPA

Assistant Professor

**Academic Year:
2024-25**



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "LvmLooper (Logical Volume Management using Loopdrives)" is a bonafide work carried out by Vikram Roy (1NH22IS176) and Vikas V Vinayak (1NH21IS414) and Ahana Thakur (1NH20IS206) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. SRI HARSHINI DEVI KAIPA)

Signature of HOD

(Dr. VANDANA C.P)

SEE VIVA

Name of Examiner

1. Ms. Sharanya C
2. PARVATHY S

Signature with date

NEW HORIZON COLLEGE OF ENGINEERING
OFFICE OF DEAN ACADEMICS

Interdisciplinary Project Team List (2021-2025 Batch)
7th Sem Project Work (21XXX74- 0:0:12:0)

Team No.	Project Title	Faculty Name	Dept.	Student Names	USN	Department	Section	Faculty Name	Dept.
5	Intelligent Road Safety System	Dr . Vandana C P	ISE	Vinutha B A	1NH21IS180	ISE	C	Dr.Sakthivel A	EEE
				Sajda Zulfaquar	1NH21IS132	ISE	B		
				Rishab R	1NH21EE097	EEE	B		
				Shashank B S	1NH21EE107	EEE	B		
6	Smart Hydroponics System	Mrs. Divya K V	ISE	BHIMARAJ KRISHNANAIAK NAIKAR	1NH22IS402	ISE	A	Dr. Aravinda K	ECE
				DARSHAN V	1NH21IS047	ISE	A		
				SHASHANK C R	1NH21EC147	ECE	C		
				SUMANTH RAJ	1NH21EC158	ECE	C		
7	Immersive virtual reality Application	Mrs. Rama Dan	ISE	LAVNISH CHAUDHARY	1NH21AI048	AIML	A	Ms.Shashikala K S	AIML
				NIJAS N	1NH21AI067	AIML	A		
				ISHAN S BHATT	1NH21IS066	ISE	A		
				VISHRUTH PS REDDY	1NH21IS183	ISE	C		
12	Indi Translate:-Bridging Language Barriers in India	Dr.Arvind S Kapse	ISE	SHRUTI SAMEER HOSUR	1NH21CS229	CSE	D	Dr.Santhosh Krishna B V	CSE
				SNEHA VERMA	1NH21CS234	CSE	D		
				SRISHTI JAISWAL	1NH21IS157	ISE	C		
				SUJEET KUMAR	1NH21IS163	ISE	C		
14	Personalized Virtual Teaching: Eduvibe	Dr. Rajlakshmi	ISE	Roshini Chittamuru	1NH21IS126	ISE	B	Dr.Santhosh Krishna B V	CSE
				Prathiksha R Nijamakari	1NH21IS119	ISE	B		
				Kothepalle Chethana	1NH21CS272	CSE	E		
				Kothepalle Charitha	1NH21CS273	CSE	E		
16	VisionAssist	Mrs. J. Karthiyayani	ISE	ZEBA SYED FAROOQ	1NH21IS192	ISE	C	Dr. Sanjeev Sharma	ECE
				SIRISHA P	1NH21IS153	ISE	C		
				TIBA SIDRA	1NH21EC127	ECE	C		
				RAKSHIT D	1NH21EC163	ECE	C		
17	CareerCraft - A Professional Development Platform	Mrs. Divya K V	ISE	DHRUV MANKAD	1NH21IS050	ISE	A	Ms.Shashikala K S	AIML
				PRACHII MISHRA	1NH21IS115	ISE	B		
				SIYA RAJ	1NH21AI099	AIML	B		
				SUDIKSHA RAVIPATI	1NH21AI105	AIML	B		
20	Gesture-Master	Dr. Kalaivani D	ISE	Bhargavi Saraf	1NH21CS046	CSE	A	Dr. Sonali Jagadish Mahure	CSE
				Aadhya Gupta	1NH21CS001	CSE	A		
				Anshika Rajput	1NH21IS018	ISE	A		
				Jayanth B S	1NH21IS070	ISE	A		
21	Real Time Pothole Detection and Automated Refilling with Auto-Swift using ML and Computer Vision	Dr. Kalaivani D	ISE	MADHURA N B	1NH21IS086	ISE	B	Dr. Sujitha S	EEE
				MAHIMA RAMDAS BHAT	1NH21IS088	ISE	B		
				GOWTHAMI A	1NH21EE033	EEE	A		
				RAKSHA SHANKAR KAJAGAR	1NH21EE092	EEE	B		
22		Dr. K. Saravanan	ISE	NISCHITHA M	1NH21IS103	ISE	B	Dr. Sanjeev Sharma	ECE
				MEGHANA P	1NH21IS198	ISE	C		

23	Smart Pill Remainder	Dr. K. Saravanan	ISE	A LEELA SAGAR R RAHUL	1NH21EC001 1NH21EC124	ECE ECE	A A	Dr. Sanjeev Sharma	ECE
24	CNN-Based Plant Disease Recognition System	Mrs. Krishnaveni A	ISE	ATHARVI RAVI MAHINDRAKAR ASTHA TRIPATHI ARUSH ASHWIN AKASH BHATT	1NH21IS034 1NH21IS033 1NH21CS034 1NH21CS017	ISE ISE CSE CSE	A A A A	Dr. Santosh Kumar B	CSE
25	Vanguard-A Rescue Assistant Application	Mrs. Shalini A	ISE	Rudrakshi Lamba Priyesh Kumar Sah Arya Naik Praket Tamhankar	1NH21CS201 1NH21CS188 1NH21IS023 1NH21IS117	CSE CSE ISE ISE	D D A B	Ms. Subhashree Rath	CSE
31	EduLov - Personalized Learning platform using AI and Data Analytics	Mrs. Shruthi G R	ISE	DOSAPATI AKSHAY JOSHI VIVEK SHARMA YARRAGUNTA UNNATHI Veluvolu Kalyan Ram	1NH21IS054 1NH21IS071 1NH21CS266 1NH21CS296	ISE ISE CSE CSE	A A E E	Ms. Senthil Anandhi	CSE
37	Career Path and Skill Mapping Development Platform	Dr. Vandana C.P	ISE	PUTTETI SURARADHITH SHIVALING BASAVARAJ MENASI PRASIDDHA SHETTY SAMPATH KUMAR	1NH21CS189 1NH21CS219 1NH21IS118 1NH21IS134	CSE CSE ISE ISE	D D B B	Ms.Lavanya C	CSE
38	Digital identity and learning analysis	Mrs. Neha Jadhav	ISE	KAMISSETY JAHNAVI JANAK RAJ JOSHI G.CHARITHA B.RISHITHA HASINI	1NH21CS121 1NH21CS106 1NH21IS212 1NH21IS200	CSE CSE ISE ISE	B B C C	Dr.Santhosh Krishna B V	CSE
40	AI BASED DIAGNOSTIC SYSTEMS FOR HEART ANOMOLY DETECTION USING CMR and ECG	Mrs. Krishnaveni A	ISE	ANIKET HERLE ARPEETA SONOLI SRUSTI HIREGOUDAR Ananya K G	1NH21CS027 1NH21CS031 1NH21IS158 1NH21IS014	CSE CSE ISE ISE	A A C A	Ms. Asha Rani Borah	CSE
44	Mindful Mood	Dr. Rajlakshmi	ISE	KAVYA S NITHYA R V Dhruv Mehta Sarthak Patra K	1NH21CS128 1NH21CS169 1NH21IS051 1NH21IS140	CSE CSE ISE ISE	B C A B	Mr. Geluvaraj B	CSE
45	Smart Home Automation System Using IOT	Mrs. Rama Dan	ISE	R AKSHITHA RAMYA SHREE S ASHISH KRISHNAN ADWAID S KUMAR	1NH21CS190 1NH21CS287 1NH21IS030 1NH21IS011	CSE CSE ISE ISE	D E A A	Ms. Deepthi Jha	CSE
55	SMART-NAV	Ms.Parvathy	ISE	ISHAN SANJEEV PAUL WILLIAM ADITYA SACHIN SAWANT RAMAKRISHNA U RISHAB SWAROOP	1NH21IS065 1NH21IS008 1NH21IS008 1NH21EC129	ISE ISE ISE ECE	A A C C	Dr. Gurulakshmi A B	ECE
56	SHAHARE SAHAYK	Dr. Rajlakshmi	ISE	Swapnil Datta SHREYAS P KUPPASAD MITALI TRIVEDI SHOORTHY SHREE C M	1NH21CS243 1NH21CS226 1NH21IS194 1NH21IS155	CSE CSE ISE ISE	E D C C	Dr.Roja Ramani	CSE
62	Adventures of thePixel Knight	Dr. K. Saravanan	ISE	ARYAN B CHETHAN D DARENA PEARL S A AFIYA YOUSUF	1NH21IS025 1NH21IS043 1NH21CS063 1NH21CS012	ISE ISE CSE CSE	A A A A	Ms. Pramilarani K	CSE
				LOCHAN KUMAR D S	1NH21IS201	ISE	C		

64	Train Tilt: Machine Learning Model for Computation of Real Time Angles for Trains	Mrs. Neha Jadhav	ISE	Suhas O	1NH21IS161	ISE	C	Dr. Gurulakshmi A B	ECE
				KISHORE KUMAR A	1NH21EC078	ECE	B		
				K MURALI	1NH21EC074	ECE	B		
68	Intersection Management: Adaptive Optimization	Mrs. Thamarai Selvi	ISE	BALAJI SUNKU	1NH21CS043	CSE	A	Ms. Asha Rani Borah	CSE
				BHAVSAR NITYA JIGNESH	1NH21CS047	CSE	A		
				PAVAN SAI SUNKARA	1NH21IS111	ISE	B		
				VISHAL V	1NH21IS182	ISE	C		
69	QUI-ZOOM	Mrs. Parvathy	ISE	Shreyas G	1NH21CS224	CSE	D	Ms.Srividhya G	CSE
				Shreya Nayak	1NH21CS223	CSE	D		
				Disha MS	1NH21IS052	ISE	A		
				Likitha HM	1NH21IS207	ISE	C		
71	Re-Gen:Advancing Regenerative Therapies for a healthier Future Innovative Solutions and Regenerative Medicines	Mrs. Bibiana Jenifer	ISE	Dasari Teja	1NH21CS064	CSE	B	Ms. Chempavathy	CSE
				Chandamuri Pavan Kumar Reddy	1NH21CS056	CSE	A		
				Gowri Pranay reddy	1NH21IS059	ISE	A		
				Harsha Vardhan	1NH21IS046	ISE	A		
73	AutoNav:A Multifunctional Robot with Obstacle Avoidance , Bluetooth and Voice control Capabilities	Mrs. Divya K V	ISE	RUDRAMUNI DORE SP	1NH22CS414	CSE	D	Ms.Florance G	CSE
				KIRAN V	1NH22CS407	CSE	C		
				ROOPESH TB	1NH22IS410	ISE	C		
				UPPUTURI SHEKHAR RAJEEV	1NH22IS413	ISE	C		
74	Tilting Train Sets	Mrs. Neha Jadhav	ISE	GADE GURU SARAN REDDY	1NH21IS203	ISE	C	Mr. Hanamanth . Y	ME
						ISE	C		
				Kummara Abhishek	1NH22ME404	ME	A		
				Parth C Bharadwaj	1NH21ME051	ME	A		
75	Weather Forecasting at Micro Level	Mrs. Priya N	ISE	Suraj ullas	1NH21IS164	ISE	C	Mr.Geluvaraj B	CSE
				Hemanth Sv	1NH21IS063	ISE	A		
				Vighnesh nair	1NH21CS258	CSE	A		
				Khagendra Kherwar	1NH21CS133	CSE	A		
76	Doctor's Voice :Voice to Text Report Generation	Dr. K. Saravanan	ISE	SIDDHARTH RAJESH	1NH21EC150	ECE	C	Dr. Arun Kumar K	ECE
				VINAYAK S BANGARSHETRA	1NH21EC184	ECE	C		
				ARYAMAN PRAJIN	1NH21EC023	ECE	A		
				HARSH JASHVANTBHAI VALAKI	1NH21IS060	ISE	A		
				VINAYAK B SONAR	1NH21IS178	ISE	C		
77	WAKE WATCH : Drowsiness detection System	Mrs. Shalini A	ISE	RESHMA GOWDA V	1NH21IS123	ISE	B	Ms. Lakshmi S Hanne	CSE
				S HARSSHITHA	1NH21IS128	ISE	B		
				INDRESH M	1NH21CS101	CSE	B		
				VIGNA SHANMUGAM P	1NH21CS259	CSE	E		
80	Lingualleader-A Language prediction and translator App.	Mrs. Rama Dan	ISE	Jithin J Nair	1NH21CS112	CSE	B	Ms.Lavanya C	CSE
				Diksha S	1NH21CS073	CSE	B		
				Aryan Ghai	1NH21IS026	ISE	A		
				Ankita Yankanchi	1NH21IS017	ISE	A		
81	Breast cancer detection	Dr. S. Siva Ramakrishnan	ISE	ASHIKA TABASSUM	1NH21IS028	ISE	A	Dr. Arun Kumar K	ECE
				BANDI PRANAYA SINDHU	1NH21IS035	ISE	A		
				DEEKSHA R	1NH21EC042	ECE	A		
				G PRANATHI	1NH21EC055	ECE	A		
84		Mrs. Rama Dan	ISE	SAIYAD	1NH21CS211	CSE	D	Ms.Vernika Singh	CSE
				R HARSHAVARDHAN REDDY	1NH21CS191	CSE	D		
				JASWANTH CHOWDARY L	1NH21IS069	ISE	A		

	Custom Cure			GOWTHAM M	1NH21IS058	ISE	A		
85	RackIt- Food quality detection system	Mrs. Thamarai Selvi	ISE	HEMANT DASA	1NH21CE023	CE	A	Ms.Shwetha.A.N	CE
				SANTOSH	1NH21CE051	CE	A		
				ANAND SHAW	1NH21IS013	ISE	A		
				MARCUS PRANAY V	1NH21IS196	ISE	C		
86	Translator for indian language	Mrs. Thamarai Selvi	ISE	Manish. G	1NH21CS150	CSE	C	Ms. Bandari Channaraya Priya	CSE
				P. Laya	1NH21CS171	CSE	C		
				Bhavana	1NH21IS038	ISE	A		
				Mithun. N	1NH21IS093	ISE	B		
87	MOOC(Massive Online Open Courseware)	Mrs. Karthiyayini J	ISE	S Varshini	1NH21IS129	ISE	B	Ms. Kavitha U	CSE
				Meghana M	1NH21IS092	ISE	B		
				Pokala Priyanka	1NH21CS179	CSE	C		
				Prathima Chinthalapalli patta	1NH21CS184	CSE	C		
88	Desktop Bot	Dr. S. Siva Ramakrishnan	ISE	MANISH PAUL	1NH21CS152	CSE	C	Dr. M. Dhanalakshmi	CSE
				SAHIL KUMAR AGRAWAL	1NH21CS206	CSE	D		
				Aastha Bharadwaj	1NH21IS001	ISE	A		
				Abhinav Kumar	1NH21IS003	ISE	A		
90	Sustainable Forming	Mrs. Shubhi Srivatsava	ISE	V Vamshi krishna	1NH21EC168	ECE	C	Dr. Rajesh G	ECE
				Vishal R	1NH21EC186	ECE	C		
				Yashwanth M	1NH21IS188	ISE	C		
				Yashwanth L	1NH21IS187	ISE	C		
95	VitalCare	Dr.Arvind S Kapse	ISE	CHANDAN GOWDA	1NH21IS039	ISE	A	Ms.Shwetha.A.N	CE
				HARSHITH M REDDY	1NH21IS062	ISE	A		
				RISHABH SINGH N	1NH21CE047	CE	A		
				MARIO J KEVIN	1NH21CE029	CE	A		
103	E-Consult +	Dr. Vandana C.P	ISE	Gurushashank S R	1NH22IS405	ISE	B	Ms.Shravya Shetty	AIML
				Hanamant Gajanan Kulagude	1NH22IS406	ISE	B		
				Ajay Krishna A	1NH22AI401	AIML	B		
				Jayanth S S	1NH22AI404	AIML	B		
104	Home Security System	Mrs. Sri Harshini	ISE	SRUTHI S	1NH21EC154	ECE	C	Mr.Krishna Kumar	ECE
				VAIBHAV RB	1NH21EC170	ECE	C		
				KAMRAN AHMED	1NH21IS072	ISE	B		
				KARTHIK KOYYALAMUDI	1NH21IS073	ISE	B		
109	Enhanced Lumbar Disease Classification through Hybrid Deep Learning Methods	Mrs. Priya N	ISE	ABID SAJJAD KUMNALI	1NH22CS401	CSE	C	Dr.Nirmala M	CSE
				MANJUNATH KOPPAD	1NH22CS411	CSE	C		
				AKIB HABIB BADIWALE	1NH22IS400	ISE	A		
				Vinay kamble	1NH22IS416	ISE	C		
114	Travel Management System	Mrs.Jenita Subash	ISE	Vaishnavi P Reddy	1NH21IS173	ISE	C	Mr.Gelubaraj B	CSE
				Vaishnavi A S	1NH21IS172	ISE	C		
				Yashaswi K	1NH21CS267	CSE	E		
				B Rahul	1NH21CS040	CSE	A		
122	Smart Football Player Performance Analysis	Dr. S. Siva Ramakrishnan	ISE	Ashlesh Ujjwal Tandulkar	1NH21IS031	ISE	A	Mr.Krishna Kumar	ECE
				Faizan Abdul Azeez	1NH21IS055	ISE	A		
				Chirag V	1NH21EC037	ECE	A		
				Athul Satheesh	1NH21EC025	ECE	A		
123		Mrs. Jenita Subash	ISE	G.SHASHI KUMAR REDDY	1NH21CS274	CSE	E	Ms. Santhil Anandhi	CSE
				V.JAGADEESH REDDY	1NH21CS254	CSE	E		

123	Instant portable water quality Tester	Mrs.Jenita Subash	ISE	P.DIVAKARA VENKATA SAINATH Y.BHARATH KUMAR	1NH21IS205 1NH21IS191	ISE ISE	C C	Mrs. Jenitha Anantham	CSE
124	ECO POWER MONITOR -Machine Learning Powered Energy Prediction and Solar Optimization	Mrs. Shruthi G R	ISE	Nikitha R Neelam Tusshar Shravani S Spoorthi R	1NH21IS102 1NH21IS098 1NH21EE108 1NH21EE110	ISE ISE EEE EEE	B B B B	Ms Anitha Nair	EEE
126	FRUGAL FIRE DETECTION AND FIRE FIGHTING SYSTEM	Dr. K. Saravanan	ISE	PATHAKALA R SAITHILAK PRADEEP S KHADAR BASHA D KIRAN KUMAR R	1NH22IS408 1NH22IS409 1NH22EE404 1NH22EE405	ISE ISE EEE EEE	B B A A	Dr Sakthivel A	EEE
128	ExamGuard	Mrs. Shubhi Srivatsava	ISE	C GITHAMRUTHA VARSHINI BHUMIKA P M Khushi M Sree Snigdha T	1NH21CS054 1NH21CS050 1NH21IS197 1NH21IS156	CSE CSE ISE ISE	A A C C	Ms.Nayana N Kumar	CSE
131	Polyglot Cam	Dr.Meenakshi Sundaram	AIML	Shoailuddin Roshan Ranjit Syed Arfa Hussaini Rayna Halley R	1NH21AI096 1NH21IS125 1NH21IS166 1NH21AI085	AIML ISE ISE AIML	B B C B	Dr.Arvind S Kapse	ISE
132	Multiple disorder prediction using ensemble models	Dr. S. Siva Ramakrishnan	ISE	MADHUSHREE ONTAGODI P TEJASWINI REDDY KANISHK SANADI KEERTHANA R	1NH21IS087 1NH21IS106 1NH21CS124 1NH21CS130	ISE ISE CSE CSE	B B B C	Ms. Pramilarani K	CSE
133	Breaking Language Barriers	Dr. Vandana C.P	ISE	DHARMIK BADARSHAHI NIKHIL BHATT EIKSHIT SINGHAL HRITHIK KAUSHIK	1NH21IS049 1NH21IS100 1NH21CS078 1NH21CS099	ISE ISE CSE CSE	A B B B	Ms. Asha Rani Borah	CSE
134	MySkin	Dr. S. Siva Ramakrishnan	ISE	DEEPAK N C NAMRATHA ISHIKA DAYAL MANISHA GUPTA	1NH21IS048 1NH21IS097 1NH21CS103 1NH21CS153	ISE ISE CSE CSE	A B B C	Ms. Soja Rani S	CSE
135	Hate speech detection System using Machine Learning	Mrs. A. Shalini	ISE	MOHAN BABU M SHREE RANGA SRIDEVI G AISHWARYA N	1NH21IS211 1NH22IS412 1NH22CS417 1NH21CS013	ISE ISE CSE CSE	C C D A	Ms. Subhashree Rath	CSE
136	Powered fault detection system for Railway track	Mrs.Jenita Subash	ISE	MOHAMED AMEER. A G.KUSHAL BADRINATH A. SAI SREEKAR ABISHEK B. K	1NH21IS094 1NH21IS082 1NH21EC021 1NH21EC007	ISE ISE ECE ECE	B B A A	Ms. Baby Chitra	ECE
137	Real Time Translation for Indian Languages	Dr. Rajlakshmi	ISE	UMME IMAN S Renuka Rimal Charishma.T.R Antonnete Nikita M	1NH21CS252 1NH21CS196 1NH21IS041 1NH21IS019	CSE CSE ISE ISE	E D A A	Ms. Yogitha	CSE
138	FACE TRACE: CNN Driven Attendance	Mrs. J. Karthiyayani	ISE	TRUPTHI S ANAND VARSHA K RACHIETAA RAMESH RAO S VAISHNAVI Shreya Bose	1NH21IS170 1NH21IS174 1NH21CS193 1NH21CS203 1NH21CS221	ISE ISE CSE CSE CSE	C C D D D	Mr. Bhaskar S V	CSE

141	Polyglot Bharat	Mrs. Krishnaveni A	ISE	Sona Amrutha	1NH21CS237	CSE	D	Ms. Chitra	CSE
				Andedibbaiahgari Poojitha	1NH21IS015	ISE	A		
				Udayagiri Shubha sree	1NH21IS171	ISE	C		
144	INTELLI ASSESS	Dr. Kalaivani D	ISE	HEMITHA K J	1NH21CS098	CSE	B	Mr.Geluvaraj B	CSE
				IRENE TRINICIA N	1NH21CS102	CSE	B		
				SHRIYA N M	1NH21IS149	ISE	C		
				SUHASINI R GOTTA	1NH21IS162	ISE	C		
145	Plant Disease detection using machine learning	Mrs. Shalini A	ISE	VISHAL E R	1NH22CS422	CSE	D	Ms. Lakshmi S Hanne	CSE
				SUSHMITA RADHAKRISHNA NAIK	1NH22CS420	CSE	D		
				E C SAI KIRAN	1NH22IS404	ISE	A		
				SANASAM BIRJIT SINGH	1NH21IS209	ISE	C		
146	FOG ASSISTANT	Mrs. Bibiana Jenifer	ISE	RANJITH K	1NH21AI083	AIML	B	Ms.Ramyasree P M	AIML
				SRI SAI KARTHEEK KOMMU	1NH21AI103	AIML	B		
				SAI SUMUKH G S	1NH21IS131	ISE	B		
				SHREYAS JAKKULA	1NH21IS147	ISE	C		
150	QUIZWIZ	Dr R J Anandhi	ISE	DHANUSH V	1NH21CS071	CSE	B	Ms.Lavanya C	CSE
				ANISH RAJ GOPAL RAI	1NH21IS016	ISE	A		
				PAVAN KUMAR P	1NH21IS108	ISE	B		
				DINAKAR	1NH21CS074	CSE	B		
154	Fake Face Detection	Mrs. Krishnaveni A	ISE	KHUSHI KASHYAP	1NH21IS077	ISE	B	Ms. Bandari Channaraya Priya	CSE
				SHUBHAM KUMAR	1NH21IS150	ISE	C		
				NEHA	1NH21CS165	CSE	C		
				ASHIN C FREJI	1NH21CS035	CSE	A		
157	Open Box	Dr. Anandhi R J	ISE	B TEJHAASWWINI	1NH21CS278	CSE	E	Ms. Bhavya R	CSE
				ANANYA ASHOK	1NH21CS025	CSE	A		
				NITESH KUMAR	1NH21IS104	ISE	B		
				P ADITYA	1NH21IS105	ISE	B		
158	Medico	Mrs. Priya N	ISE	YASHAVANT KALASHETTI	1NH21CS268	CSE	E	Ms. Deepthi Jha	CSE
				TEJAS C M	1NH21CS246	CSE	E		
				SHODHAN A K	1NH21IS145	ISE	C		
				SHREYAS V	1NH21IS148	ISE	C		
160	Obstacle avoider Robotic vehicle in hospital environment	Mrs. Divya K V	ISE	K NAVEEN KUMAR	1NH21ME030	ME	A	Mr. Shiva Prakash	ME
				JOSEPH PRAMODRAJ	1NH21ME028	ME	A		
				SUDARSHAN	1NH21IS160	ISE	C		
				VISHWA K	1NH21IS184	ISE	C		
169	AI Based Virtual Patient Assistant Chatbot	Mrs. Archana Das	ISE	Abhay G	1NH21CS003	CSE	A	Ms. Kavitha U	CSE
				Abishek J	1NH21CS004	CSE	A		
				Bharath J	1NH21IS037	ISE	A		
				BHARATWAJ	1NH21IS080	ISE	A		
172	Life-Flow	Dr. Kalaivani D	ISE	GR Sudeep	1NH21IS056	ISE	A	Ms.Vernika Singh	CSE
				Jagruth P	1NH21IS067	ISE	A		
				Rachan P	1NH21CS192	CSE	D		
				Somashekhar N	1NH21CS236	CSE	D		
173	Quakepredict-a Simple Earthquake Prediction System	Mrs.Jenita Subash	ISE	Nikhil Suryadevara	1NH21CS166	CSE	C	Ms. Pramilarani K	CSE
				P Charan Kumar	1NH21CS180	CSE	C		
				Y Sai Siva Sri charan	1NH21IS185	ISE	C		
				V parthiv vallabh	1NH21IS195	ISE	C		

175	Polyglot Nexus: Real-Time Multilingual Translation across Indian Languages	Mrs. Bibiana Jenifer	ISE	SHIVOM BARIK	1NH21AI094	AIML	B	Prof.Ramyasree P M	AIML
				SHREYAS PATIL	1NH21AI098	AIML	B		
				KARTIK PATTAR	1NH21IS075	ISE	B		
				SEETHARAM MAYYA	1NH21IS142	ISE	B		
178	Breaking Barriers	Mrs. Parvathy	ISE	MOUNIKA S	1NH21IS096	ISE	B	Dr. Sujitha S	EEE
				APOORVA S VISHWANATH	1NH21IS021	ISE	A		
				PRAJWAL P	1NH21EE080	EEE	B		
				MUKUND G	1NH21EE067	EEE	B		
179	Fogvision : Enhanced Vision and Detection System	Mrs. J. Karthiyayani	ISE	PRANITHA A	1NH21EE084	EEE	B	Ms Surat Pyari	EEE
				PRAKASH RAJ M	1NH21EE081	EEE	B		
				Abirami B	1NH21IS005	ISE	A		
				Ashok Kumar R	1NH21IS032	ISE	A		
181	Pathole Detection System	Ms.Salna Joy	ECE	Krishna Goyal	1NH21IS210	ISE	C	Ms.Parvathy	ISE
				KETAN MANE	1NH21IS089	ISE	B		
				HARIPRIYA P	1NH21EC064	ECE	B		
				SHRUTI SHUKLA	1NH20EC191	ECE	B		
182	Pharma serve	Dr. Kalaivani D	ISE	Praveen Babu S	1NH21EE085	EEE	B	Mr. Vinod Kumar S	EEE
				Meghana N S	1NH21EE068	EEE	B		
				Harshith K	1NH21IS061	ISE	A		
				Gagan M	1NH21IS057	ISE	A		
183	Smart lake Fire Detection and Alarming System	Mrs. Shubhi Srivatsava	ISE	RAGHU NANDAN KS	1NH21EE091	EEE	B	Dr. Karthika M	EEE
				SALANKE ANNI RAO	1NH21EE100	EEE	B		
				CHANDAN GOWDA H S	1NH21IS040	ISE	A		
				CHINMAY K R	1NH21IS044	ISE	A		
186	Tumor Detector	Mrs. Neha Jadhav	ISE	SUCHITHRA	1NH21EE113	EEE	B	Ms Snageetha C N	EEE
				THANUJA K	1NH21EE120	EEE	B		
				Sinchana Poojarthy	1NH11IS152	ISE	C		
				SHREYA U	1NH21IS146	ISE	C		
187	Health Monitoring System with CNN based Facila Emotion Detection	Mrs. Priya N	ISE	KRUTHIKA B J	1NH21EE047	EEE	A	Ms.Anitha A	EEE
				ANUSHA L	1NH21EE016	EEE	A		
				D KAVERI	1NH21IS045	ISE	A		
				ISHA P PAWAR	1NH21IS064	ISE	A		
190	SmartBin	Dr. Kalaivani D	ISE	PRANITEJA C N	1NH21EE083	EEE	B	Ms. Pooja Jose	EEE
				KEERTHI T E	1NH21EE042	EEE	A		
				KARTHIK L	1NH20IS205	ISE	A		
				Abhinandan Anant Naik	1NH21IS002	ISE	A		
191	Enhancing Agriculture Efficiency through EVBMS	Dr. Vandana C.P	ISE	MONIKA.C	1NH21EE065	EEE	B	Ms.Soumya KV	EEE
				MOULYA B M	1NH21EE066	EEE	B		
				ROHAN SHETTY	1NH21IS124	ISE	B		
				POORNACHANDRA	1NH21IS114	ISE	B		
196	Exploratory Analysis of Heart Attack and Breast Cancer Early Stage Prediction	Dr. Vandana C.P	ISE	SHIVANI KASHYAP	1NH21IS083	ISE	B	Dr.Sonia Maria Dzousa	AIML
				NEHA SINGH	1NH21IS099	ISE	B		
				SREE DINESH REDDY	1NH21AI143	AIML	B		
				YASHWANTH PAWAN KUMAR K	1NH21AI124	AIML	B		
199	HAZGUARD- Hazordous Gas	Mr.Puvirajan T	ECE	S Deepak	1NH21IS127	ISE	B	Mrs. Sri Harshini	ISE
				Naveen A	1NH22IS407	ISE	B		
				DIBYANSHU PATNAIK	1NH21EC046	ECE	A		

	Leakage Detection System			MAHI PRAJWAL PAGOLU	1NH21EC087	ECE	B		
204	Smart Density based Traffic Control Systems using Image Processing	Mrs. Krishnaveni A	ISE	M. Mohamed yusuf ajmal	1NH21IS095	ISE	B	Ms.Bhawana K	ECE
				Pavan V	1NH21IS110	ISE	B		
				AMITH KUMAR B R	1NH21EC016	ECE	A		
				ANKITH H R	1NH21EC019	ECE	A		
205	Healthcare Chatbot	Mrs. Shalini A	ISE	Rahul S	1NH21IS122	ISE	B	Ms. Bhawana K	ECE
				Shetty Atharva Manjunath	1NH21IS144	ISE	C		
				GANAPATHI C K	1NH21EC058	ECE	A		
				NAVISH V	1NH21EC108	ECE	B		
207	TrackAndTrace	Mrs. Rama Dan	ISE	HEMANTH H P	1NH21CS097	CSE	B	Mr.Geluvaraj B	CSE
				GAJULA.HARSHAVARDHAN	1NH21CS084	CSE	B		
				PAVAN KUMAR S D	1NH21IS109	ISE	B		
				PRAJWAL D G	1NH21IS116	ISE	B		
211	Smart kitchen assistance	Dr. S. Siva Ramakrishnan	ISE	Harshitha N	1NH21EE036	EEE	A	Dr.Karthika M	EEE
				Kumari Vaishnavi Chourasia	1NH21EE049	EEE	A		
				Anusha V	1NH21IS020	ISE	A		
				Madhumitha A	1NH21IS085	ISE	B		
212	Agri-Smart 2.0	Ms.Archana Das	ISE	AKASH S CHERIAN	1NH21IS012	ISE	A	Mr.Gowtham Raj R	ME
				ASHIMA PRASAD	1NH21IS029	ISE	A		
				Nagaprasad H S	1NH21ME048	ME	A		
				Tharun B	1NH21ME077	ME	A		
215	Enhancing Climate Smart Agriculture with Soil Monitoring	Mrs. J. Karthiyayani	ISE	DEEPAK C V	1NH21ME015	ME	A	Mr.Sujeeth Swamy	ME
				BEERGOND SHERGAR	1NH21ME009	ME	A		
				VINODA REDDY	1NH21IS179	ISE	C		
				KARTIK GALI	1NH21IS074	ISE	B		
217	SIGN SPEAK	Mrs. J. Karthiyayani	ISE	Tamil Selvan M	1NH21IS167	ISE	C	Dr. Nirmala M	CSE
				Theophilus M.S	1NH21IS168	ISE	C		
				LOHITH A	1NH21CS144	CSE	C		
				M B MANJUNATH KULAL	1NH21CS145	CSE	C		
220	AI Health Monitor	Ms.Shruthi G R	ISE	Chayan H	1NH21IS042	ISE	A	Dr. D. Roja Ramani	CSE
				Pruthvi U	1NH21IS121	ISE	B		
				KALLA VISHWANATH REDDY	1NH21CS119	CSE	B		
				KAUSSHAL TOGO	1NH21CS127	CSE	B		
225	Autonomous Vehicle Navigation,Bluetooth and Voice Control	Mr.Vinod Kumar S	EEE	Buggesh	1NH22EE401	EEE	A	Ms.Sriharshini	ISE
				Sanjeevakumar	1NH22EE411	EEE	A		
				Shashikiran	1NH22IS411	ISE	C		
				Vinay Kumar KN	1NH22IS415	ISE	C		
227	Design and Development of smart window Control System	Mr. Sujeeth Swamy	ME	RAHIL NAJEEB	1NH21ME055	ME	A	Dr. Anandhi RJ	ISE
				MOHAMMED IRFAN	1NH22ME409	ME	A		
				SANJIVANI MAZUMDER	1NH21IS136	ISE	B		
				SAHANA S	1NH21IS130	ISE	B		
230	Weapon Detection	Mrs. Shalini A	ISE	SATYA CHARAN V	1NH21IS141	ISE	B	Mr. Nithin Kumar	ECE
				KHYRUL MATEEN KHAN	1NH21IS078	ISE	B		
				B ROHAN SRIVATSAV	1NH21EC026	ECE	A		
				VAISHNAVI	1NH21EC172	ECE	C		

231	Personalized Virtual Teacher	Mrs. Divya KV	ISE	Bharath L	1NH22IS401	ISE	A	Ms. Lakshmi S Hanne	CSE
				Chandramouli K P	1NH22IS403	ISE	A		
				Kommalapati Pavan Kumar	1NH22CS408	CSE	C		
				Abhishek	1NH22CS400	CSE	C		
233	OneIndi	Dr. Arvind S kapse	ISE	ADITYA SINGH	1NH21IS009	ISE	A	Mr.Puvirajan T	ECE
				SUBHADEEP DANDA	1NH21IS159	ISE	C		
				ARUSH GUPTA	1NH21EC022	ECE	A		
				SARTHAK SRIVASTAVA	1NH21EC140	ECE	C		
234	Personalized Health Monitoring System	Dr. Arvind S kapse	ISE	JEFF JUDE	1N21CS110	CSE	B	Ms. Kavitha	CSE(DS)
				H S PRAJWAL BHARDWAJ	1NH21CS089	CSE	B		
				Aditya kumar	1NH21IS007	ISE	A		
				Arpit anand	1NH21IS024	ISE	A		
235	Rx Assist : Smart Disease Prediction and Drug Recommendation	Mrs.Bibiana Jenifer	ISE	K. SAI DINESH	1NH21CS136	CSE	C	Dr. Nirmala M	CSE
				D. A. PRAJWAL	1NH21CS181	CSE	C		
				G. VIDYA SHANKAR	1NH21IS202	ISE	C		
				B. BHARAT	1NH21IS036	ISE	A		
237	Multiple Disease Prediction using ML	Mrs. Jenita Subash	ISE	MUSAB	1NH21AI133	AIML	B	Ms.Sandhyarani	AIML
				Eesha Naveen	1NH21AI031	AIML	A		
				Vinay S	1NH21IS177	ISE	C		
				Siddharth Kulkarni	1NH21IS151	ISE	C		
239	Personalized Learning Platform using Artificial Intelligence	Mrs. Bibiana jenifer	ISE	KURUVA SOWMYA	1NH21CS142	CSE	C	Dr. G Vijayasekaran	CSE
				DERANGULA SANKEERTHANA	1NH21CS069	CSE	B		
				BASIREDDY KUSUMA REDDY	1NH21IS199	ISE	C		
				D.Hema	1NH21IS193	ISE	C		
240	Food Nutrition Tracker	Mrs. Shruthi G R	ISE	HARSHITH Y	1NH21IS190	ISE	C	Dr. Sonali Jagadish Mahure	CSE
				UDAY KUMAR B	1NH21IS206	ISE	C		
				KONDA SRIRAMA KRISHNA CHAITAN	1NH21CS288	CSE	D		
				SAGILI SREENATH REDDY	1NH21CS291	CSE	A		
246	Real-time passenger information time	Mrs. Priya N	ISE	ANVESH S RAI	1NH21AI013	AIML	A	Mr.Ramesh Prasad	AIML
				BHUVAN PETE L	1NH21AI015	AIML	A		
				YASHAS K R	1NH21IS186	ISE	C		
				Vishal R	1NH21IS181	ISE	C		
249	Smart Agriculture using IOT	Mrs. Archana Das	ISE	DIWAKAR V	1NH21EC049	ECE	A	Mr. Nagendra R	ECE
				ABHISHEK N	1NH21EC006	ECE	A		
				PREETHAM HS	1NH21IS120	ISE	B		
				KEERTHI K	1NH21IS076	ISE	B		
251	Secure Scan	Dr. RajLakshmi Gatkamble	ISE	MURSALEEN SHAFI	1NH21CS162	CSE	C	Ms. Subhashree Rath	CSE
				EMADUDDIN ASDAQ	1NH21CS079	CSE	B		
				Sarim Farooq	1NH21IS139	ISE	B		
				Sandep J G	1NH21IS135	ISE	B		
252	VisuAid - Guiding every step, Illuminating Every Word	Mrs. Shruthi G R	ISE	SAMHITHA CHAITHRA	1NH21IS133	ISE	B	Mr. Ajay B	ECE
				SARAYU TOKALA	1NH21IS138	ISE	B		
				MEGHANA NANNURI	1NH21EC091	ECE	B		
				GUBBA NIHARIKA	1NH21IS061	ECE	B		
254		Mrs. Thamarai Selvi	ISE	DEEPAK PATEL	1NH21CS067	CSE	B	s. C. Shreenagamanjula R	CSE
				ANKIT KUMAR KALWAR	1NH21CS028	CSE	A		
				YASIR HASAN DILAWAR	1NH21IS189	ISE	C		

	Healthcare chatbot			AYUSH GAUTAM	1NH21IS208	ISE	C		
258	AI Powered Automated Assessment and Evaluation System	Mrs.Shruthi G R	ISE	HARSH AHUJA	1NH21CS092	CSE	B	Mr. Bhaskar S V	CSE
				NIKHILA SUVEDA MALLA	1NH21IS101	ISE	B		
				PENTELA DINESH TRILOK	1NH21IS112	ISE	B		
				Siddharth pradeep	1NH21CS231	CSE	D		
259	TEACH CONNECT	Mrs. Archana Das	ISE	M.KETHANA CHOWDARY	1NH21CS156	CSE	C	Ms. Chempavathy	CSE
				M.V MAHIDHAR REDDY	1NH21CS147	CSE	C		
				MADUGULA SATHWIK ATHREYA	1NH21IS084	ISE	B		
				PANKAJ KUMAR	1NH21IS107	ISE	B		
261	Health Monitoring system using Machine Learning techniques	Mrs. Archana Das	ISE	P. Dinesh Reddy	1NH21IS113	ISE	B	Dr.Sanjeev K	AIML
				CHILAKAM ETHIVEN SAI MANI DEEP	1NH21AI129	AIML	B		
				PEDDAIAHGARI NUTHAN SAI	1NH21AI075	AIML	A		
				Bhargav Reddy	1NH21IS137	ISE	B		
265	IOT based Smart Bin Monitoring System	Mr.Krishna Kumar	ECE	ISHITA DAYAL	1NH21EC071	ECE	B	Mrs. Shubhi Srivatsava	ISE
				VAIBHAV KUMAR SHAH	1NH21EC169	ECE	C		
				Mannat Atwal	1NH21IS091	ISE	B		
				Krishna Kunal	1NH21IS081	ISE	B		
271	Autonomous Vehicles	Dr. Saravanan K	ISE	Adithya M	1NH21IS006	ISE	A	Ms.Shika Rai	ECE
				Janardhan P	1NH21IS068	ISE	A		
				DINESH .K	1NH21EC048	ECE	A		
				DRUVA P	1NH21EC053	ECE	A		
274	Smart Farming - A crop recommendation system	Ms. Neha Jadav	ISE	S Tharun Kumar Raju	1NH21IS154	ISE	C	Dr. Vijayasekaran	CSE
				S Arshit Nandan	1NH21IS165	ISE	C		
				GAJAVALLI VENKATA SAI SHYAM KU	1NH21CS083	CSE	B		
				DURUGADDA DATTA KALESWAR	1NH21CS277	CSE	E		
275	Finance GPT	Mrs. Shubhi Srivatsava	ISE	Anselm Anthony Barretto	1NH21CS029	CSE	A	Ms.Vernika Singh	CSE
				Aneesha MC	1NH21CS026	CSE	A		
				Abhishek Kumar	1NH21IS214	ISE	C		
				Triparna K R	1NH21IS169	ISE	C		

