



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 PHASE-II REPORT ON

"IndicTrans- Instant Translation for Indian Languages"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

T Nomika 1NH22IS175

Sanjana S 1NH22IS148

Sri Adarsh Reddy Y 1NH22IS163

Under the guidance of

Dr. Vandana C P

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "IndicTrans- Instant Translation for Indian Languages" is a bonafide work carried out by T NOMIKA (1NH22IS175), SANJANA S (1NH22IS148), SRI ADARSH REDDY Y (1NH22IS163) 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 **2025-2026**. 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

HOD - ISE



Signature of HOD

Dr. Vandana C.P

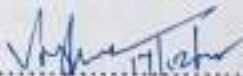
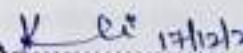
HOD - ISE

SEE Viva

Name of Examiner

1.  V. S. Srinivasan / R.E.C
2. Dr. Lalavani D.

Signature with date

1.  17/12/25
2.  17/12/25



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A PROJECT PHASE-2 REPORT ON

"SurgiX: An Adaptive Multimedia XR

**Framework for Healthcare Training and
Simulation"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

APEKSHA ANIL KAMAT –1NH22IS021

G CHATHURYA -1NH22IS044

VAMSHITH N –1NH22IS178

IMRAN K –1NH23IS404

Under the guidance of

Dr. Kalaivani D

Designation: Associate Professor

Academic Year: 2025-2026



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the project phase-II work entitled "SurgiX: An Adaptive Multimedia XR Framework for Healthcare Training and Simulation Simulation" is a bonafide work carried out by Apeksha Anil Kamat (INH22IS021), G Chathurya (INH22IS044), Vamshith N (INH22IS178), Imran K (INH23IS404) 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 2025-2026. 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
Associate Professor

Signature of HOD

Dr. Vandana C.P
(HOD - ISE)

SEE VIVA

Name of Examiner

Signature with date

1. M. Suresh Kumar

1. M. Suresh Kumar

2. Dr. Kalaivani D

2. M. Suresh Kumar



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
“IDENTRA-Bridging Identity and Infrastructure”**

Submitted in partial fulfillment for the award of the degree of

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

**K DIYA DEVAIAH 1NH22IS059
MOHISHA GUPTA 1NH22IS089
RAKSHA PADIYAR 1NH22IS121
VARUN KUMAR 1NH22IS181**

Under the guidance of

Dr Karthiyayini J
Associate Professor
Dept.of ISE,NHCE

Academic Year: 2025-26




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 project phase-II work entitled "Identra-Bridging Identity and Infrastructure" is a bonafide work carried out by K Diya Devaiah (1NH22IS059), Mohisha Gupta (1NH22IS089), Raksha Padiyar (1NH22IS121) and Varun Kumar (1NH22IS181) 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 **2025-2026**. 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 11/12

Dr Karthiyayini J

Associate Professor


Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva


Name of Examiner

1.  REE

2. Dr. Kalai Vani D

Signature with date




17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT
ON
“EduMate- The Smart Collaborative Learning System”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

NITHYA R C 1NH22IS106
SAHANAN R 1NH22IS143
SANJANA H L 1NH22IS147
POORNIMA T 1NH22IS196

Under the guidance of

Dr. DIVYA K V
Associate Professor
Dept.Of ISE,NHCE

Academic Year: 2025-26



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 project phase-II work entitled "EduMate- The Smart Collaborative Learning Platform" is a bonafide work carried out by Nithya R C (INH22IS106), Sahana N R (INH22IS143), Sanjana H L (INH22IS147), AND Poornima T (INH22IS196) 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 2025-2026. 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

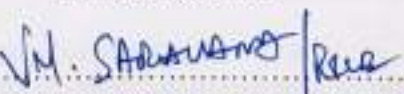
Dr. Divya K V
Associate Professor


Signature of HOD

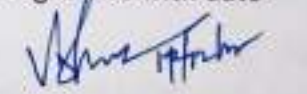
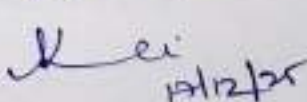
Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examinee

1.  Nithya R C
2. Dr. Kalavani D.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-II REPORT ON

"IndLingo: Indian Languages, Gamified Smartly"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

KELDEN CHEN – 1NH22IS070

KRISHNA PAMNANI – 1NH22IS071

KSHITIZ PRIYADARSHI – 1NH22IS073

Under the guidance of

Ms. Shruthi G R
Sr. Assistant Professor

Academic Year: 2025-26



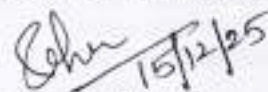
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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "IndLingo: Indian Languages, Gamified Smartly" is a bonafide work carried out by KELDEN CHEN (1NH22IS070), KRISHNA PAMNANI (1NH22IS071), KSHITIZ PRIYADARSHI (1NH22IS073) 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 2025-2026. 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
(Sr. Assistant Professor)


Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

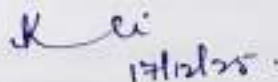
Name of Examinee

1. 
.....

2. Dr. Kalavani D
.....

Signature with date


17/12/25


17/12/25



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**A PROJECT PHASE-II REPORT
ON**

***“XMedFuse: Hierarchical
Expert-Gated Fusion Network
with Cross-Modality Attention for
Robust Disease Diagnosis”***

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

MOHAMMAD HAMZA BHAT - 1NH22IS087

NIHA BILAL - 1NH22IS099

VIKAS M BHARADWAJ - 1NH22IS185

NILMANI TIWARI - 1NH22IS100

**Under the guidance of
MS. PRIYA NARAYANAN**

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "XMedFuse: Hierarchical Expert-Gated Fusion Network with Cross-Modality Attention for Robust Disease Diagnosis" is a bonafide work carried out by MOHAMMAD HAMZA BHAT (1NH22IS087), NIHA BILAL (1NH22IS099), VIKAS M BAHARADWAJ (1NH22IS185) and NILMANI TIWARI (1NH22IS100) 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 2025-2026. 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 Narayanan

(Sr. Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. M. SARAVANAN

.....

2. Dr. Kalavani D.

.....



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A PROJECT PHASE-II REPORT

ON

**“CareTrack – AI-Supported Clinical Management System for
Smarter, Faster, and More Reliable Healthcare Delivery “**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

GAGAN SAILESH

1NH22IS047

G PRAJWAL KRISHNA

1NH22IS045

CHIRAG SHASTRY

1NH22IS031

KABILAN K

1NH22IS062

Under the guidance of

Mrs Jenita Subash

Sr. Assistant Professor

Dept. of ISE , NHCE

Academic Year: 2025-2026



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "CareTrack – AI-Supported Clinical Management System for Smarter, Faster, and More Reliable Healthcare Delivery" is a bonafide work carried out by GAGAN SAILESH(INH22IS047), G PRAJWAL KRISHNA(INH22IS045), CHIRAG SHASTRY S(INH22IS031), KABILAN K(INH22IS062) 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 **2025- 2026**. 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
Sr. Assistant Professor



Signature of HOD

Dr. Vandana C.P
HOD - ISE

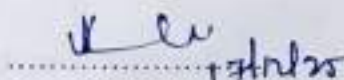
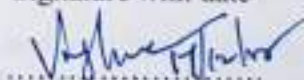
SEE Viva

Name of Examiner

1. M. Saravanan

2. Dr. Lalavani D

Signature with date





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**A PROJECT PHASE-II REPORT
ON
"E-VAL : AI EVALUATOR FOR AUTOMATED EXAMINATION
EVALUATION "**

Submitted in partial fulfillment for the award of the degree of

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

CHANDAN KUMAR	1NH22IS028
DHANUSH HR	1NH22IS038
ANSHIL GUPTA	1NH22IS018
ANSHUMAN CHOUDHARY	1NH22IS019

Under the guidance of

Mrs. PARVATHY S

Senior Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Phase-II project work entitled "E-VAL: AI Evaluator for Automated Examination Evaluation" is a bonafide work carried out by Chandankumar (1NH22IS028), Dhanush H R (1NH22IS038), Anshil Gupta (1NH22IS018), and Anshuman Choudhary (1NH22IS019) in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Information Science and Engineering of New Horizon College of Engineering for the academic year 2025-2026. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report submitted to 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. PARVATHY S

Senior Assistant Professor ISE

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. M. SARAVANA

2. Dr. Kalaiyani D

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-2 REPORT
ON
**"AI-POWERED DETECTION OF BODY FLUID
MARKERS FOR EARLY WARNING OF LIFESTYLE
DISEASES"**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

DARSHAN D G -1NH22IS032

LOHITH GOWDA C P -1NH22IS080

MITHUN RAJ URS T V -1NH22IS086

RANGANATHA N -1NH22IS124

Under the guidance of

Ms. RAMA BANSIDHAR DAN

Senior Assistant Professor, Information Science and Engineering department

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project phase-I work entitled "AI-Powered Detection of Body Fluid Markers for Early Warning of Lifestyle Diseases" is a Bonafide work carried out by Darshan D G (1NH22IS032), Lohith Gowda C P (1NH22IS080), Mithun Raj Urs T V (1NH22IS086) and Ranganatha N (1NH22IS124) 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 2025-2026. 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 Bansidhar Dan

(Senior Assistant Professor, ISE)

Signature of HOD

Dr. Vandana C P

(HOD -ISE)

SEE Viva

Name of Examiner

1.

2.

Signature with date



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**A PROJECT REPORT
ON
"TranslingoX: Real-Time Translation System for Indian
Languages"**

Submitted in partial fulfillment for the award of the degree of

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

BY

Lochan D - 1NH22IS079

Likith K - 1NH22IS077

Pranav - 1NH22IS113

Pratham - 1NH22IS116

Under the guidance of

Ms. Shubhi Srivastava
Senior Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "TranslingoX: Real-Time Translation System for Indian Languages" is a bonafide work carried out by Pratham (1NH22IS116) 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 2025-2026. 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. Shubhi Srivastava
(Senior Assistant Professor)

Signature of HOD

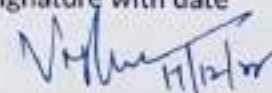
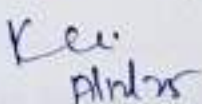
Dr. Vandana C.P
HOD -ISE

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
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A PROJECT REPORT

ON

"OpenLearn – Online Education Platform "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Shreya Prathap – 1NH22IS157

Soham Somanna K A – 1NH22IS161

Thanish V S – 1NH22IS177

Vishruth H – 1NH22IS190

Under the guidance of

Mrs. Sweet Subhashree

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "**OpenLearn – Online Education Platform**" is a Bonafide work carried out by **Shreya Prathap(1NH22IS157), Sohan Somanna K A (1NH22IS161), Thanish V S (1NH22IS177), Vishruth H (1NH22IS190)** 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 **2025-2026**. 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. Sweet Subhashree

(Sr Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. **M. SARAVANA**

2. **Dr. Kalaiselvi P.**

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT PHASE-II REPORT
ON
"Realtime Deepfake Detection System "**

Submitted in partial fulfillment for the award of the degree of

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

SANKETH RATHI -1NH22IS195

KISHOR L - 1NH23IS407

MOHAMMED SAMEER -1NH23IS411

PRASHANTH KUMAR K A -1NH23IS412

Under the guidance of

Mrs. Bibiana Jenifer J
Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "RealTime Deepfake Detection System" is a Bonafide work carried out by SANKETH RATHI(1NH22IS195), KISHOR L(1NH23IS407), MOHAMMED SAMEER(1NH23IS411) and PRASHANTH KUMAR K A(1NH23IS412) 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 2025-2026. 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 Jennifer
Signature of Guide

Mrs. Bibiana Jennifer J
(Assistant Professor)

Vandana C.P
Signature of HOD

Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examinee

1. *M. SARAVANA*
2. *Dr. Kalahani D*

Signature with date

Vishwa Rishi
K. Kishor



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
"AyuRaksha : Bridging India's Healthcare Divide with
Technology "**

Submitted in partial fulfillment for the award of the degree of

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

HIMA M SAJJAN –1NH22IS054

KAVERI M – 1NH22IS066

KUSHAL K N - 1NH22IS075

S MAHALAKSHMI –1NH22IS140

Under the guidance of

Ms. NEHA JADHAV

Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "AyuRaksha : Bridging India's Healthcare Divide with Technology" is a bonafide work carried out by KUSHAL K N (1NH22IS075) 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 2025-2026. 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

Assistant Professor

Vandana C.P

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. *Divya H.N* *17/12/25*
2. *Archana Das* *17/12/25*



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 PHASE-2 REPORT ON “PREPNEX-DECENTRALISED LEARNING ANALYTICS”

Submitted in partial fulfilment for the award of the degree of
BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

RAVI SHIRAGAONKAR - 1NH22IS125

RENUKA PRASAD BR - 1NH22IS128

ANURADHA BHAGAT - 1NH22IS020

KUNAL K HARANAHALLI - 1NH22IS074

Under the guidance of

Ms. SRIHARSHINI DEVI

Assistant Professor, Information Science and Engineering,
New Horizon College of Engineering

Academic Year: 2025-26



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 phase-I work entitled "PREPNEX-DECENTRALISED LEARNING ANALYTICS" is a Bonafide work carried out by RAVI SHIRAGAONKAR (INH22IS125), RENUKA PRASAD BR (INH22IS128), ANURADHA BHAGAT (INH22IS020) and KUNAL K HARANAHALLI (INH22IS074) 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 2025-2026. 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. Sriharshini Devi
(Assistant Professor)

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

SEE Viva

Name of Examiner

1. Divya H. N. 17/12/25
2. Anuradha Day

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 PHASE-II REPORT

ON

“InstaEval - An AI Based Evaluator And Assessment System”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

AADARSH BABU 1NH22IS003

APURV KUMAR 1NH22IS022

RISHI RAJ 1NH22IS130

ROHIT KUMAR 1NH22IS134

Under the guidance of

Mrs. Neetu

Assistant Professor

Dept.Of ISE,NHCE

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "InstaEval - An AI Based Evaluator And Assessment System " is a bonafide work carried out by Aadarsh Babu (INH22IS003), Apurv Kumar (INH22IS022), Rishi Raj (INH22IS130) and Rohit Kumar (INH22IS134) 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 2025-2026. 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. Neetu

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. Durga H.N 17/12/25
2. Arihana Das 17/12/25



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**A PROJECT PHASE-II REPORT
ON
"EDUTRACK:AI Based Personalized Learning through Secure
Analytics"**

Submitted in partial fulfilment for the award of the degree of

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

SANTOSH KUMAR K 1NH22IS152

SHRADDHA SHENOY 1NH22IS156

SUHAS S 1NH22IS168

VIDYASHREE H SHETTY 1NH22IS183

Under the guidance of

Ms. THAMARAI SELVI
Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "EduTrack" is a bonafide work carried out by SANTOSH KUMAR K (INH22IS152), SHRADDHA SHENOY (INH22IS156), SUHAS S (INH22IS168) and VIDYASHREE H SHETTY (INH22IS183) 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 **2025-2026**. 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

(Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. Dixya H.N.

18/12/25

2. Archana Das

18/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT ON

"Privacy-Preserving Deep Packet Inspection for Ethical Cybersecurity "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SHALINI V 1NH22IS153

HARSHITHA T L 1NH22IS052

SAI KRUTHI T 1NH22IS144

RAKSHITHA N K 1NH22IS122

Under the guidance of

Mrs. G. Vanthana

Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "Privacy-Preserving Deep Packet Inspection for Ethical Cybersecurity" is a bonafide work carried out by SHALINI V(1NH22IS153), HARSHITHA T L(1NH22IS052), SAI KRUTHI T(1NH22IS144) and RAKSHITHA N K 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 2025-2026. 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.

G.V.H

Signature of Guide

Mrs. G. Vanthana

Assistant Professor

Vandana

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee ✓

1. Divya H N.

2. Anshu Das

Signature with date

Dr 17/12/25

Anshu
17/12/25



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 PHASE-II REPORT

ON

**"EduCheck: An AI-Driven Framework for Multi-Modal
Assessment and Performance Analysis"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

VINITH KUMAR K 1NH22IS187

VINUTHA M DEVADIGA 1NH22IS188

SHOUKHATHALIKHAN N 1NH22IS155

ZAIBA N 1NH22IS191

Under the guidance of

Ms. Chandana Myneni

Assistant Professor

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "EduCheck: An AI Driven Framework for Multi-Modal Assessment and Performance Analysis" is a bonafide work carried out by VINITH KUMAR K (INH22IS187), VINUTHA M DEVADIGA (INH22IS188), SHOUKHATHALIKHAN N (INH22IS155) and ZAIBA N (INH22IS191) 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 2025-2026. 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. Chandana Myneni

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

1. Divya H.N.

2. Archana Das

Signature with date

Dr 12/12/25

Dr 12/12/25



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**A PROJECT PHASE-II REPORT
ON
"Med4Me: A Personalised Medicine
Recommendation System"**

Submitted in partial fulfillment for the award of the degree of

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

VARSHITHA T -1NH22IS180

AKANKSHA JHA -1NH22IS202

VINIT PALIWAL -1NH22IS186

NEHA REDDY -1NH22IS127

Under the guidance of

Mrs. CHANDANA MYNENI

Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Med4Me: A Personalised Medicine Recommendation System" is a bonafide work carried out by VARSHITHA T (1NH22IS180), AKANKSHA JHA (1NH22IS202), VINIT PALIWAL (1NH22IS186) and NEHA REDDY (1NH22IS127) 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 2025-2026. 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. CHANDANA MYNENI

Assistant Professor

Signature of HOD

Dr. VANDANA C P

Associate Professor and HOD - ISE

SEE Viva

Name of Examiner

1. Divya H N
2. Archana Das

Signature with date

12/12/25
 17/12/25



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A PROJECT PHASE-II REPORT

ON

“Voice of India – AI Powered Multilingual Translation ”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

A S IMPASHREE 1NH23IS400

AAQUIB UR RAHMAN 1NH23IS401

KEERTHANA K N 1NH23IS405

KRISHNA S IRADDI 1NH23IS408

Under the guidance of

Ms. G.Vanthana

Assistant professor , ISE

Academic Year: 2025-26

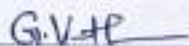


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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project phase-II work entitled "Voice of India- AI Powered Multilingual Translation" is a Bonafide work carried out by **A S IMPASHREE** (1NH23IS400), **AAQUIB UR RAHMAN** (1NH23IS401), **KEERTHANA K N** (1NH23IS405) and **KRISHNA S IRADDI** (1NH23IS408) 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 **2025-2026**. 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. G. Vanthana

(Assistant professor- ISE)



Signature of HOD

Dr. Vandana C P

(HOD -ISE)

SEE Viva

Name of Examiner

1. Rivya H.N.

2. Archana Das

Signature with date

 12/12/25

 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-II REPORT ON

"Learnify"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ADITYA U: 1NH22IS008

DEEKSHITH: 1NH22IS035

K SINCHANA: 1NH22IS061

KAVYA VASANT SARAF: 1NH22IS067

Under the guidance of

Mrs. Neetu

Assistant Professor

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the project phase-II work entitled "Learnify" is a bonafide work carried out by Aditya U (1NH22IS008), Deekshith (1NH22IS035), K Sinchana (1NH22IS061) and Kavya Vasant Saraf (1NH22IS067) 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 2025-2026. 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. Neetu

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. Aditya H.N

2. Archana Das

Signature with date

12/12/25

12/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
"NextLearn: An AI-powered Adaptive Learning and
Recommendation System for Online Courses "**

Submitted in partial fulfilment for the award of the degree of

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

SANTOSH G	1NH22IS151
SHUBHOSHISH ROY	1NH22IS159
SUHAS R	1NH22IS167
KUMARESH B	1NH22IS197

Under the guidance of

Ms. THAMARAI SELVI

Assistant Professor

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "NextLearn" is a Bonafide work carried out by **SANTOSH G (1NH22IS151)**, **SHUBHOSHISH ROY (1NH22IS159)**, **SUHAS R (1NH22IS167)** and **KUMARESH B (1NH22IS197)** 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 **2025-2026**. 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

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. Divya H.N.

Dr. Vandana C.P. 17/12/25

2. Arihana Das

Dr. Vandana C.P. 17/12/25



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**A PROJECT PHASE-II REPORT
ON**

"PixelCoders: Game Your Way To Code"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

NISCHAL S - 1NH22IS103

NAGA LALITHENDRA K - 1NH22IS094

NAVIN R – 1NH22IS095

ROHIN SREEJITH – 1NH22IS133

Under the guidance of

Mrs. Sriharshini Devi

Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled is a Bonafide work carried out by Nischal S(1NH22IS103), Naga Lalithendra K(1NH22IS094), Navin R(1NH22I095) and Rohin Sreejith(1NH22IS103) 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 2025-2026. 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. Sriharshini Devi

Assistant Professor

Signature of HOD

Dr. Vandana C.P.

HOD -ISE

SEE Viva

Name of Examiner

1. Dixya H.N.

2. Anhane Das

Signature with date

\$D 12/12/25

Ah
13/12/25



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**A PROJECT PHASE-II REPORT
ON
"INTERACTIVE REMOTELY CONTROLLED LABORATORIES "**

Submitted in partial fulfillment for the award of the degree of

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

BY

Rishu Kumar –1NH22IS131

Suhas M H -1NH22IS081

Pelleti Abhinav Reddy –1NH22IS110

Under the guidance of

Ms. Neetu

Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Interactive Remotely Controlled Laboratories" is a bonafide work carried out by Rishu Kumar (1NH22IS131), Suhas M H (1NH22IS081) and Pelleti Abhinav Reddy (1NH22IS110) 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 2025-2026. 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. Neetu

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

1. Durga H.N.
2. Anhana Das

Signature with date

..... 20/12/25

..... 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
"Disaster Forecasting and Alert System"**

Submitted in partial fulfillment for the award of the degree of

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

N Upendra	1NH22IS092
Nelaturi Maheswara Reddy	1NH22IS097
Tanguturi Chaitanya Kumar Reddy	1NH22IS174

Under the guidance of

Mrs. Bibiana Jenifer J

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Disaster Forecasting and Alert System" is a bonafide work carried out by **N Upendra (1NH22IS092)**, **Nelaturi Maheswara Reddy (1NH22IS097)**, **Tanguturi Chaitanya Kumar Reddy (1NH22IS174)** 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 **2025-2026**. 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

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD -ISE

SEE Viva

Name of Examiner

Signature with date

1. Dr. Divya-K.V.

2. M. PRAVEENA



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT PHASE-II REPORT
ON
**“AN ACADEMIC NAVIGATION AND INFORMATION
COLLECTOR FOR PERSONALIZED LEARNING “**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

ADITYA P V	1NH22IS007
AKSHAJ GUPTA	1NH22IS011
B KHYATHI SUMASRI	1NH22IS026
DEEPIKA M	1NH22IS037

Under the guidance of

Mrs Sweet Subhashree

Senior Assistant Professor

Dept. Of ISE, NHCE

Academic Year: 2025-2026



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 project phase-II work entitled "AN ACADEMIC NAVIGATION AND INFORMATION COLLECTOR FOR PERSONALIZED LEARNING" is a bonafide work carried out by ADITYA P V (1NH22IS007), AKSHAJ GUPTA (1NH22IS011), B KHAYTHI SUMASRI (1NH22IS026), DEEPIKA M (1NH22IS37) 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 2025- 2026. 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 Sweet Subhashree

Senior Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Divya-K.V.

2. M. PRAVEENA

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 PHASE-II REPORT
ON**

“Mediva – Passive Mental Wellness Monitoring Using AI”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ABHISHEK 1NH22IS005

ABHISHEK S 1NH22IS006

Under the guidance of

Mrs. Shubhi Srivastava

Senior Assistant Professor

Information Science and Engineering

New Horizon College of Engineering

Academic Year: 2025-26



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 phase-II work entitled "Mediva – Passive Mental Wellness Monitoring Using AI, is a Bonafide work carried out by ABHISHEK(1NH22IS005), ABHISHEK S(1NH23IS006) 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 2025-2026. 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. Shubhi Srivastava

(Senior Assistant Professor)

Signature of HOD

Dr. Vandana C P

(HOD -ISE)

SEE Viva

Name of Examiner

1. Dr. Divya-k.v

2. M. PRAVEENA

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 PHASE-II REPORT
ON
"SMART HEALTH GRID- Healthcare resource locator "**

Submitted in partial fulfillment for the award of the degree of

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

Aishwarya Dubey - 1NH22IS199

Challa Geya Akshatha - 1NH22IS200

Kiran Bankapur - 1NH23IS406

Sujal Malviya - 1NH22IS169

Under the guidance of

Mrs. RAMA BANSIDHAR DAN

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "SMART HEALTH GRID- Healthcare resource locator" is a bonafide work carried out by Aishwarya Dubey (1NH22IS199), Challa Geya Akshatha (1NH22IS200), Kiran Bankapur (1NH23IS406) and Sujal Malviya (1NH22IS169) 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 **2025-2026**. 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 BANSIDHAR DAN

Senior Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

Signature with date

1. Dr. Divya-k.v.

2. M. PRAVEENA



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 PHASE-2 REPORT
ON
“INTELLIGENT VIRTUAL TRAINING ASSISTANT FOR STUDENT
CENTERED EDUCATION “**

Submitted in partial fulfillment for the award of the degree of

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

MANISH R-1NH22IS083

MARLINGANAPPAVRA TEJAS-1NH22IS084

MOHAMMED MUSTAFA-1NH22IS088

NITEESHA VARMABALLI S-1NH22IS104

Under the guidance of

Ms. PARVATHY S
Senior Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "Intelligent Virtual Training Assistant For Student Centered Education" is a bonafide work carried out by Manish R (INH22IS083), Marilinganappavara Tejas (INH22IS084), Mohammed Mustafa (INH22IS088) and Niteesha Varamballi S (INH22IS104) 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 2025-2026.

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.

Senior Assistant Professor


Signature of HOD

Dr. Vandana C.P.

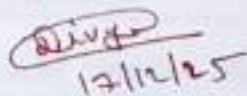
HOD - ISE

SEE Viva

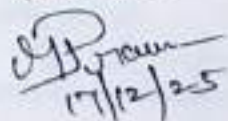
Name of Examinee

Signature with date

1. Dr. Divya - K.V


12/12/25

2. M. PRAVEENA


17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT

ON

**“CareLoop - AI-Driven approach for advancing efficiency,
accuracy, and accessibility in Oral Healthcare Systems”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ATHMIKA S	1NH22IS024
DEEKSHITHA S	1NH22IS036
K N MEGHANA	1NH22IS060
VARSHA S	1NH22IS179

Under the guidance of

Mrs Jenita Subash

Academic Year: 2025-26



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 project phase-II work entitled "CareLoop - AI-Driven approach for advancing efficiency, accuracy, and accessibility in Oral Healthcare

Systems" is a bonafide work carried out by ATHMIKA S(1NH22IS024), DEEKSHITHA S(1NH22IS036), K N MEGHANA(1NH22IS060), VARSHA S(1NH22IS179) 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 2025-2026. 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
Senior Assistant Professor


Signature of HOD

Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examinee

1.Dr. Divya K.V.....

2.M. PRANEENA.....

Signature with date


17/12/25

17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT ON

**"TRUECAST: AI-POWERED VOTING WITH BLOCKCHAIN AND
BIOMETRIC AUTHENTICATION "**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

AKASH P KALYANKAR 1NH22IS010

ANIRUDH WAGGE 1NH22IS017

HARSHITH KM 1NH22IS051

KAUSHIK J T 1NH22IS065

Under the guidance of :

Mrs. Priya N

Senior Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "TRUECAST: ai-powered voting with blockchain and biometric authentication" is a Bonafide work carried out by AKASH P KALYANKAR(1NH22IS010), ANIRUDH WAGGE(1NH22IS017), HARSHITH KM(1NH22IS051) and KAUSHIK JT(1NH22IS065) 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 **2025-2026**. 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

Senior Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

Signature with date

1. Dr. Divyankar

2. M. PRAVEENA



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 PHASE-II REPORT
ON
“OneHealth: Where Healthcare Meets Convenience”**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SAI PRAKASH N	1NH22IS145
SANJAY KUMAR S	1NH22IS149
SOVEN M BHONSLE	1NH22IS162
SUPREETH R KADDI	1NH22IS172

Under the guidance of

Ms. Shruthi G R

Sr. Assistant Professor

Academic Year: 2025-26




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 project phase-II work entitled "OneHealth" is a Bonafide work carried out by SAI PRAKASH(1NH22IS145), SANJAY KUMAR S (1NH22IS149), SOVEN M BHONSLE (1NH22IS162) and SUPREETH R KADDI (1NH22IS172) 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 2025-2026. 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

Sr. Assistant Professor


Signature of HOD

Dr. Vandana C.P

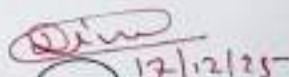
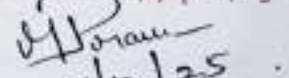
HOD - ISE

SEE Viva

Name of Examinee

Signature with date

1. Dr. Divya-K.V.....
2. M. PRAVEENA.....


12/12/25

17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT ON

"Rail Radar: Smart Tracking for Smarter Travel"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Keerthana B	1NH22IS068
Jayashree M Reddy	1NH22IS057
Rohith B	1NH22IS135
Peddireddy Sunil Kumar	1NH22IS109

Under the guidance of

Dr. Divya K V

Associate Professor

Dept. Of ISE, NHCE

Academic Year: 2025-26



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 project phase-II work entitled "Rail Radar: Smart Tracking for Smarter Travel" is a bonafide work carried out by Keerthana B(1NH22IS068), Jayashree M Reddy(1NH22IS057), Rohith B(1NH22IS135) and Peddireddy Sunil Kumar(1NH22IS109) 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 **2025-2026**. 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 

Dr. Divya K V

Associate Professor



Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. Dr. Divya-K.V.....

2. M. PRAVEENA.....

Signature with date

 17/12/25

 17/12/25



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 PHASE-II REPORT
ON
"EarthPulse: An Open-Source Climate and Disaster Data
Integration Platform"**

Submitted in partial fulfilment for the award of the degree of

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

PRARTHANA R -1NH22IS115

NISARGA H N -1NH22IS102

MYTHRI R -1NH22IS091

KEERTHI HAUDAKARI- 1NH22IS069

Under the guidance of

Dr. J Karthiyayini
Associate Professor

Academic Year: 2025-26



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 project phase-II work entitled "EarthPulse: An Open-Source Climate and Disaster Data Integration Platform" is a bonafide work carried out by Prarthana R (1NH22IS115), Nisarga H N (1NH22IS102), Mythri R (1NH22IS091) and Keerthi Haudakari (1NH22IS069) 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 2025-2026. 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. J. Karthiayini

Associate Professor

Signature of HOD

Dr. Vandana C.P.

HOD - ISE

SEE Viva

Name of Examinee

Signature with date

1. Dr. Divya-K.V

2. M. PRAVEENA

17/12/25
11/12/25



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 PHASE-2 REPORT
ON
“ EVALIFY-Automated evaluation and assessment system ”**

Submitted in partial fulfillment for the award of the degree of

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

BY

NIVEDITA GHAI -1NH22IS107

SUBHIKA SRI G -1NH22IS164

VIJAY KUMAR M -1NH22IS184

VISHAL M BHARADWAJ -1NH22IS189

Under the guidance of

Dr. Kalaivani D

Designation: Associate Professor

Academic Year: 2025-26



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 phase-I work entitled "EVALIFY- Automated evaluation and assessment system" is a bonafide work carried out by Nivedita Ghai (1NH22IS107), Subhika Sri G (1NH22IS164), Vijay Kumar M (1NH22IS184) and Vishal M Bharadwaj (1NH22IS189) 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 2025-2026. 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

(Associate Professor)

Signature of HOD

Dr. Vandana C P

(HOD -ISE)

SEE Viva

Name of Examiner

1. Dr. Divya-k.v

2. M. PRAVEENA

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 PHASE-II REPORT
ON
“FLOREX: INSTANT SPACES, INFINITE POSSIBILITIES”**

Submitted in partial fulfillment for the award of the degree of

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

BY

SUBHRANSHU PATRA -1NH22IS165

SUMIT KUMAR -1NH22IS192

NIKET VERMA -1NH22IS194

ROMANKHAN DEVADI -1NH23IS414

Under the guidance of

Dr. VANDANA C P

Associate Professor and Head of Department ISE

Academic Year: 2025-26



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 project phase-II work entitled "FLOREX: INSTANT SPACES, INFINITE POSSIBILITIES" is a bonafide work carried out by SUBHRANSHU PATRA (1NH22IS165), SUMIT KUMAR (1NH22IS192), NIKET VERMA (1NH22IS194) and ROMANKHAN DEVADI (1NH23IS414) 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 2025-2026. 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.

Va 10/12/25

Signature of Guide

Dr. VANDANA C P

Associate Professor and HOD - ISE

Vandana

Signature of HOD

Dr. VANDANA C P

Associate Professor and HOD - ISE

SEE Viva

Name of Examiner

1. *Dr. Divya-K.V.*
2. *M. PRAVEENA*

Signature with date

[Signature] 17/12/25
[Signature] 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-II REPORT

ON

"Smart Disease Diagnosis for Potato Farmers"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

MONIKA - 1NH22IS090

NIDISH KUMAR G – 1NH22IS098

THARAKESHWAR S – 1NH22IS141

SUJAY B – 1NH22IS171

Under the guidance of

Dr. KALAIVANI D

Designation: Associate Professor

Academic Year: 2025-26



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 project phase-II work entitled "Smart Disease Diagnosis for Potato Farmers" is a Bonafide work carried out by Monika(1NH22IS090), Nidish Kumar G(1NH22IS098), Tharakeshwar S(1NH22IS141) and Sujay B(1NH22IS171) 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 2025-2026. 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

Associate Professor

Signature of HOD

Dr. Vandana C.P

HOD -ISE

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi G.

2. Dr. Rohith H.P.

Signature with date

1. 17/12/25

2. 17/12/25



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 PHASE-II REPORT ON “DEEP LEAF-IDENTIFICATION OF MEDICAL PLANTS USING DEEP LEARNING TECHNIQUES”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING IN INFORMATION SCIENCE AND ENGINEERING BY

E ASHISH GUPTA	1NH22IS043
G SHASI VARDHAN REDDY	1NH22IS048
K AKASH	1NH22IS063
DAYANANDA D N	1NH22IS034

Under the guidance of
Dr. Karthiyayini J
Associate Professor

Academic Year: 2025-26



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 project phase-II work entitled "DEEP LEAF- IDENTIFICATION OF MEDICAL PLANTS USING DEEP LEARNING TECHNIQUES" is a Bonafide work carried out by E ASHISH GUPTA (1NH22IS043), G SHASI VARDHAN REDDY (1NH22IS048), K AKASH (1NH22IS063) and DAYANANDA D N (1NH22IS034) 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 2025-2026. 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 .Karthiayini J

Associate Professor

Signature of HOD

Dr. Vandana C P

HOD -ISE

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi G

2. Dr. Rohith H-P

Signature with date

17/12/25

17/12/25



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 PHASE-II REPORT

ON

“GPS-Enabled Real-Time Emergency Notification System”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

CHANDRESH D	1NH22IS029
DARSHAN D MADIWALAR	1NH22IS033
DINESH P	1NH22IS041
SHREYA R VARUR	1NH22IS158

Under the guidance of

Dr. Divya. K.V

Associate Professor

Dept. Of ISE, NHCE

Academic Year: 2025-2026



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 project phase-II work entitled "GPS-Enabled Real-Time Emergency Notification System" is a Bonafide work carried out by CHANDRESH D (INH22IS029), DARSHAN D MADIWALAR (INH22IS033), DINESH P (INH22IS041), SHREYA R VARUR (INH22IS158) 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 **2025-2026**. 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. Divya, K.V
Associate Professor


Signature of HOD

Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Raj Lakshmi G

2. Dr. Renuka H.P

Signature with date

Hulk 17/12/25

PL 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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**A PROJECT PHASE-II REPORT
ON
"EchoPath - Translating Voices, Enabling Future"**

Submitted in partial fulfilment for the award of the degree of

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

S HARSHA BHAT	1NH22IS139
SHASHANK H D	1NH22IS154
TARUN RAO	1NH22IS176
SUKEERTI VANI JHA	1NH22IS203

Under the guidance of

Ms. SHRUTHI G R
Sr. Assistant Professor

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "EchoPath – Translating Voices, Enabling Future" is a bonafide work carried out by **S HARSHA BHAT (1NH22IS139), SHASHANK H D (1NH22IS154), TARUN RAO (1NH22IS176) and SUKEERTI VANI JHA (1NH22IS203)** 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 **2025-2026**. 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
(Sr. Assistant Professor)


Signature of HOD

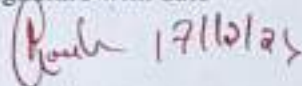
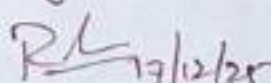
Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi G
2. Dr. Rohith H.P

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 PHASE-II REPORT
ON
“HEALTHMATE:Smarter Health one tap away “**

Submitted in partial fulfillment for the award of the degree of

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

A.NIDHI REDDY	1NH22IS001
AFRIN ISLAM	1NH22IS009
AVULA ANJU MADHAVI	1NH22IS025
CHINMAYEE AKSHITHA M	1NH22IS030

Under the guidance of

Mrs. Priya N

SENIOR ASSISTANT PROFESSOR

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "HEALTHMATE:Smarter Health one tap away" is a bonafide work carried out by A.NIDHI REDDY(1NH22IS001), AFRIN ISLAM(1NH22IS009), AVULA ANJU MADHAVI(1NH22IS025) and CHINMAYEE AKSHITHA M(1NH22IS030) 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 2025-2026. 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

(Senior Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

Signature with date

1. Dr. Rajalakshmi G

17/12/25

2. Dr. Rohith H.P

17/12/25



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 PHASE-II REPORT
ON
“EDUTRACK: Student Performance Analysis System “**

Submitted in partial fulfillment for the award of the degree of

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

BY

Varun Rao –1NH22IS182

Siddharth shenvi - 1NH22IS160

Rahul Jangir –1NH22IS120

Sanskar pandey - 1NH22IS150

Under the guidance of

Mrs. Jenitha Shubash

Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "EDUTRACK: Student Performance Analysis System" is a bonafide work carried out by Varun Rao (1NH22IS182), Siddharth Shenvi (1NH22IS160), Sanskar Pandey (1NH22IS150) and Rahul Jangir (1NH22IS120) 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 2025-2026. 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 Shubash

Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. Dr. Raj Lakshmi G
2. Dr. Polith H-P

Signature with date

17/12/25
 17/12/25



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 PHASE-II REPORT ON
**"INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST
ESTIMATOR FOR INSURANCE COMPANIES "**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING IN
INFORMATION SCIENCE AND ENGINEERING

BY

GOLLA SAI KIRAN

1NH22IS049

G REVATHI

1NH22IS046

K VIKASH

1NH22IS064

G VARA PRASAD

1NH22IS050

Under the guidance of

Ms PARVATHY S

Sr Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "INTELLIGENT VEHICLE DAMAGE ASSESSMENT AND COST ESTIMATOR FOR INSURANCE COMPANIES" is a bonafide work carried out by GOLLA SAI KIRAN (1NH22IS049), G REVATHI(1NH22IS046), K VIKASH (1NH22IS064) and G VARA PRASAD (1NH22IS050) 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 2025-2026. 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

(Senior Assistant Professor)

Signature of HOD

Dr. Vandana C P

(HOD -ISE)

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi G

2. Dr. Polite HP

Signature with date

Dr. Rajalakshmi 17/12/25

Dr. Polite 17/12/25



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 PHASE-II REPORT ON

**"ClassGenie-Voice Enabled Virtual Teacher with Personalized
Feedback"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

R Sanath Kumar – 1NH22IS118

S G Vignesh - 1NH22IS138

Suraj Kumar Hansdah - 1NH22IS173

Ravikant Patel - 1NH22IS126

Under the guidance of

Ms. Rama Banshidar Dan

Senior Assistant Professor

Academic Year: 2025-26



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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 project phase-II work entitled "ClassGenie – Voice Enabled Virtual Teacher with Personalized Feedback" is a bonafide work carried out by R Sanath Kumar(1NH22IS118), S G Vignesh(1NH22IS138), Suraj Kumar Hansdah(1NH22IS173) and Ravikant Patel(1NH22IS126) 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 2025-2026. 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 Banshidar Dan

Senior Assistant Professor

Signature of HOD

Dr. VANDANA C P

Associate Professor and HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi
2. Dr. Rohith H-P

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 PHASE-II REPORT
ON
"Rewire: Gamified Habit Formation and Recovery"**

Submitted in partial fulfillment for the award of the degree of

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

Dushyanth S -1NH22IS042

Anees Ahmed Baig -1NH22IS015

Heshvanth S -1NH22IS053

Under the guidance of

Ms. Shubhi Srivastava
Senior Assistant Professor

Academic Year: 2025-26



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 project phase-II work entitled "Rewire: Gamified Habit Formation and Recovery" is a bonafide work carried out by **Dushyanth S (1NH22IS042)**, **Anees Ahmed Baig (1NH22IS015)**, **Heshvanth S (1NH22IS053)** 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 **2025-2026**. 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. Shubhi Srivastava

(Senior Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Raj Lakshmi G, NHCE
2. Dr. Rohith H.P

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 PHASE-II REPORT ON “GEOVIBE”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING IN INFORMATION SCIENCE AND ENGINEERING BY

VISHRUTHA C 1NH22IS198

SUJAL N 1NH22IS170

NIRANJAN G 1NH22IS101

THORAN GOWDA 1NH22IS201

Under the guidance of
Mrs. Sweet Subhashree

Academic Year: 2025-26



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 project phase-II work entitled "" is a bonafide work carried out by Vishrutha C (1NH22IS198), Sujal N (1NH22IS170), Niranjan G (1NH22IS101), Thoran Gowda (1NH23IS201) 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 2025-2026. 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. Sweet Subhashree

Sr Assistant Professor

Signature of HOD

Dr. Vandana C.P

HOD -ISE

SEE Viva

Name of Examinee

1. Dr. Raj Lakshmi G
2. Dr. Rohith H.P

Signature with date

Paula 17/12/25
PL 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
"AI-BASED FARMER SOCIAL MEDIA "**

Submitted in partial fulfillment for the award of the degree of

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

MANOJ KUMAR S PATIL	1NH23IS410
SHASHANK H U	1NH23IS415
RAVI KUMAR B	1NH23IS413
TEJAS D	1NH23IS416

Under the guidance of

Dr. Rajlakshmi Ghatkamble
Associate Professor

Academic Year: 2025-26



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 project phase-II work entitled "AI-BASED FARMER SOCIAL MEDIA" is a Bonafide work carried out by MANOJ KUMAR S PATIL(1NH23IS410), SHASHANK H U(1NH23IS415), RAVI KUMAR B(1NH23IS413) and TEJAS D(1NH23IS416) 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 2025-2026. 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
(Associate Professor)

Signature of HOD

Dr. Vandana C.P
HOD - ISE

SEE Viva

Name of Examiner

1. Dr. Raj Lakshmi G
2. Dr. Rohith H.P

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II
REPORT ON
“ SCAMGUARD: INTELLIGENT SCAM PROTECTION
FOR USERS “**

Submitted in partial fulfillment for the award of the degree of

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

PRANALEE C	1NH22IS112
PRAPTI C	1NH22IS114
RUHITA M	1NH22IS137
NEHA REDDY N	1NH22IS096

Under the guidance of

Mrs. Neha Jadhav
Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND
ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "**ScamGuard: Intelligent scam protection for users**" is a bonafide work carried out by **Pranalee C (1NH22IS112)**, **Prapti C (1NH22IS114)**, **Ruhita M (1NH22IS137)** and **Neha Reddy N (1NH22IS096)** 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 **2025- 2026**. 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 T

Signature of Guide

Mrs. Neha Jadhav

Assistant Professor

Vandana

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. *Dr. Raj Lakshmi G*
2. *Dr. Rohith W.P*

Signature with date

Dr. Lakshmi 17/12/25
Dr. Rohith 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-II REPORT

ON

“PASTORIA “

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

AADISESHAN

1NH22IS004

ARJUN ANIL KUMAR

1NH22IS023

JASMINE GUPTA

1NH22IS055

Under the guidance of

Dr. J. Karthiyayini

Associate Professor

NHCE

Academic Year: 2025-2026



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Pastoria" is a Bonafide work carried out by AADISESHAN (1NH22IS004), ARJUN ANIL KUMAR (1NH22IS023), JASMINE GUPTA (1NH22IS055) 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 **2025-2026**. 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. J. Karthikeyan

Associate Professor



Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

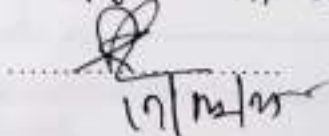
Name of Examiner

1. ... Gayathri, V.

2. ... Jeeva

Signature with date

... Gayathri, V. / 12/25



12/12/25



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 PHASE-II REPORT ON

**“Multi-Pathology Chest X-Ray Classification Using DenseNet121 with
Grad-CAM Visual Attention Mechanisms”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ROHAN KARYAPPA P N 1NH22IS132

LOK RANJAN H M 1NH23IS409

B PRASHANTH 1NH23IS402

Under the guidance of

Mrs. Shalini A

Academic Year: 2025-26



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 project phase-II work entitled "Multi-Pathology Chest X-Ray Classification Using DenseNet121 with Grad-CAM Visual Attention Mechanisms" is a bonafide work carried out by **ROHAN KARYAPPA P N(1NH22IS132)**, **LOK RANJAN H M (1NH23IS409)**, **B PRASHANTH(1NH23IS402)** 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 **2025-2026**. 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

(Sr. Assistant Professor)

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examinee

1. Gayathri .v.....

2. Jeevi Subash.....

Signature with date

Gayathri.v. 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-II REPORT ON

“LifeLane: A Dual-layer Emergency Vehicle Traffic Clearance System Using Embedded Communication and Machine Learning”

Submitted in partial fulfillment for the award of the degree of

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

**A PRANIT REDDY - 1NH22IS002
ANANYA B SRINGERI - 1NH22IS013**

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

**S SRIVATHSAV - 1NH22EC142
TEJ M BHAT - 1NH22EC168**

Under the guidance of

**Dr. Vandana C P
HOD Dept. of ISE**

Under the guidance of

**Mr. TVS Adinarayana
Senior Associate Professor Dept. of ECE**

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the project phase-II work entitled "LifeLane" is a bonafide work carried out by **A Pranit Reddy (1NH22IS002)** and **Ananya B Sringeri (1NH22IS013)** 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 **2025-2026**. 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

HOD-ISE

Signature of HOD

Dr. Vandana C.P

HOD - ISE

SEE Viva

Name of Examiner

1.Gayathri.v.....
2.Jesuth. Subal.....

Signature with date

1.Gayathri.v..... 17/12/25
2.Jesuth. Subal..... 17/12/25



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

**“ZeroRush: IoT-Based Motorbike Monitoring with Helmet Detection
and Eco-Safe Driving Score Using Adaptive Penalty Scoring Method”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS

ENGINEERING

BY

SHIVAM PANDEY -1NH22EE100

SUDEEP KUMAR DUTTA - 1NH22EE108

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

SANIA DAS -1NH22IS146

NANDANA RAJ -1NH22IS193

Under the guidance of

Dr. B.GUNAPRIYA

Assistant Professor

Under the guidance of

Mrs. Bhakti Kamate

Assistant Professor

Academic Year: 2025-26



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 "ZeroRush: IoT-Based Motorbike Monitoring with Helmet Detection and Eco-Safe Driving Score Using Adaptive Penalty Scoring Method" is a bonafide work carried out by **SANIA DAS (1NH22IS146)** and **NANDANA RAJ (1NH22IS193)** 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 **2025-2026**. 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. Bhakti Kamate)

Signature of Guide
(Dr. B. Gunapriya)

Signature of HOD
(HOD-ISE)

SEE VIVA

Name of Examiner

1. Ganathani V.
2. Jenili Subash

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

"Implementation Of Microprocessor-Based Automated Assessment Systems Using Iot "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

NITHIN BHASKARAN - 1NH22IS105

ROSHNI KUMARI JOSHI - 1NH22IS136

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS
ENGINEERING
BY

MUHAMMED SINAN K V - 1NH22EE070

SUJAN KUMAR V - 1NH22EE109

Under the guidance of

Ms. BHAKTI SHASHIKANT KAMATE

Assistant Professor Dept. of ISE

Under the guidance of

Dr. VINOTH KUMAR K

Associate Head R& D and Professor Dept. of
EEE

Academic Year: 2025-26



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 "Implementation Of Microprocessor-Based Automated Assessment Systems Using Iot" is a bonafide work carried out by **ROSHNI KUMARI JOSHI (1NH22IS136)** and **NITHIN BHASKARAN (1NH22IS105)** 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 **2025-2026**. 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. Bhakti Shashikant Kamate)

Signature of Guide

(Dr. Vinoth Kumar K)

Signature of HOD

(HOD-ISE)

SEE VIVA

Name of Examiner

Signature with date

1. Gayathri V. Jenu

2. Gayathri V. 17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-2 REPORT ON INTERDISCIPLINARY PROJECT TITLED

"VOLTELLIGENCE: The Future of Smart EV Charging"

Submitted in partial fulfillment for the award of the degree of

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

BY

ANANYA H R -1NH22IS014

LIPIKA A R -1NH22IS078

Under the guidance of
Ms. ROSE MARY CHACKO
Assistant Professor

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

BY

AKSHAY S J -1NH22EC008

HARIKA T -1NH22EC057

Under the guidance of
Dr. JAYANTHI M
Associate Professor

Academic Year: 2025-26



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 phase-I work entitled "Votelligence: The Future of Smart EV Charging" is a bonafide work carried out by **ANANYA H R (1NH22IS014)** and **LIPIKA A R (1NH22IS078)** 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 **2025-2026**. 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. Rose Mary Chacko)

Signature of HOD

(Dr. Vandana C P)

SEE Viva

Name of Examiner

1. Gayathri V
2. Jesul Subash

Signature with date

Gayathri V 17/12/25
Jesul Subash 17/12/25



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 PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“MedTrack - Integrated platform for Medication tracking and
adherence monitoring”**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

DHANUSH M -1NH22IS040
HANUMANTHARAYA -1NH23IS403

Under the guidance of
Ms. ROSE MARY CHACKO
Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

GANESH RAMACHANDRA HEGDE-1NH22EC049
DIGANTH HS -1NH22EC046

Under the guidance of
Ms. Mamta B Savadatthi
Senior Assistant Professor

Academic Year: 2025-26



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project phase-I work entitled "**MedTrack-Integrated platform for medication tracking and adherence monitoring**" is a bonafide work carried out by **GANESH RAMACHANDRA HEGDE (1NH22EC049)** and **DIGANTH HS (1NH22EC046)** in partial fulfilment for the award of Bachelor of Engineering in **ELECTRONICS AND COMMUNICATIONS ENGINEERING** of the New Horizon College of Engineering during the year **2025-2026**. 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. Mamta B Savadatti

Senior Assistant Professor

Signature of Guide

Ms. Rose Mary Chacko

Assistant Professor

Signature of HOD

Dr. Aravinda K

HOD-ECE

SEE Viva

Name of Examiner

1. Gayathri V.

2. _____

Signature with date

Gayathri V. 17/12/25



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 PHASE-2 REPORT ON INTERDISCIPLINARY PROJECT TITLED

“Infra Smart : Iot Based Smart Traffic Signals “

Submitted in partial fulfillment for the award of the degree of

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

**PRAKRUTHI K- 1NH22IS111
RIMJHIM TRIVEDI- 1NH22IS129**

Under the guidance of

**Dr. RJ Anandhi
Dean Academics**

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

**ADITHYA MENON MS- 1NH22EE006
SAHANA S- 1NH22EE096**

Under the guidance of

**Dr. Sujoy Das
Assistant Professor**

Academic Year: 2025-26



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project phase-I work entitled "Infra Smart: Iot Based Smart Traffic Signals" is a bonafide work carried out by **PRAKRUTHI K (1NH22IS111)** and **RIMJHIM TRIVEDI (1NH22IS129)** 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 **2025-2026**. 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. RJ Anandhi)

Signature of Guide
(Dr. Sujoy Das)

Signature of HOD
(HOD-ISE)

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Name of Examiner

1. Gayathri V
2. Jenati

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..... Gayathri V
17/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
“Ooru Alert – A Crowdsourced Urban Problem
Reporting System”**

Submitted in partial fulfillment for the award of the degree of

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

**SV ARADYA INH22IS142
PADMAJA GADI INH22IS108**

Under the guidance of

Dr. Karthiyayini J

Associate Professor

Dept.Of ISE,NHCE

Academic Year: 2025-26



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled "Ooru Alert – A Crowdsourced Urban Problem Reporting System" is a bonafide work carried out by SV Aradya (1NH22IS142), Padmaja Gadi(1NH22IS108) 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 2025-2026. 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. Karthiayini J

Associate Professor

Signature of HOD

Dr. Vandana C.P

HOD - ISE

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NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Smart Traffic Clearance System for Emergency Vehicle Services”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND
ENGINEERING

BY

PRATHEEKSHA B SHETTY -1NH22IS117

RACHANA D M -1NH22IS119

Under the guidance of

Ms. SHALINI A

SENIOR ASSISTANT PROFESSOR

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
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BY

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Under the guidance of

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ASSOCIATE PROFESSOR

Academic Year: 2025-26



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 phase-II work entitled "Smart Traffic Clearance System for Emergency Vehicle Services" is a bonafide work carried out by PRATHEEKSHA B SHETTY (1NH22IS117) and RACHANA D M (1NH22IS119) 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 2025-2026. 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

Senior Assistant Professor (ISE)

Signature of Guide

Dr. G Rajesh

Associate Professor (EC)

Signature of HOD

Dr. Vandana C P

Professor & HOD-ISE

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Name of Examiner

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2. Jeeva Subash

Signature with date

Gayathri V. 17/12/25
Jeeva Subash 17/12/25