New Horizon College of Engineering

Quality Assurance & Skill Development Center

Academic Year 2021-22
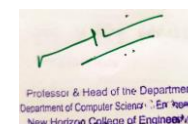
Field Project undertaken by Students

Sl. No.	Department	Student Name	Internal /External	Project Title	Organization	Project Duration	External Guide Detail
1	CSE	1NH20SCS01	**Internal**	Analysis Of Graph Data For Knowledge Discovery	NHCE	8 Months	Ms Uma N
2	CSE	1NH20SCS02	**Internal**	Privacychain : Blockchain Based Access Control Framework With Privacy Protection In Cloud	NHCE	8 Months	Dr. Rachana P
3	CSE	1NH20SCS03	**Internal**	Bird Species Identification Using Deep Learning And Image Processing	NHCE	8months	Dr. Meenakshi Sundaram
4	CSE	1NH20SCS04	**Internal**	Visualizing Medical Flower Details Usind Deep Neural Network And Image Processing	NHCE	8 Months	Dr. Subhashini
5	CSE	1NH20SCS05	**Internal**	Discourse Feeling Identification	NHCE	8 Months	Ms. Asha Rani Borah

6	CSE	1NH20SCS06	**Internal**	Secure Data Storage Using Block Cahin And Access Control	NHCE	8 Months	Ms.Soja Rani
7	CSE	1NH20SCS07	**Internal**	Motion Capture & Frame Extraction From Video Using Opencv	NHCE	8 MONTHS	Siva Balan
8	CSE	1NH20SCS08	**Internal**	Analysis Of Land Use And Land Cover Classification Of Rural And Urban Bengaluru Using Ml Techniques	NHCE	8 Months	Mr. Senthil Kumar R
9	CSE	1NH20SCS09	**Internal**	Cyber Physical Systems(Cps) Security Verification Using Model Checking	NHCE	8 Months	Ms.S. Shanmuga Priya
10	CSE	1NH20SCS10	**Internal**	Using Map Reduce And Time Series Analysis To Denfend Ddos Attacks	NHCE	8 Months	Ms. Pramilarani K

Co-ordinator

HoD-CSE

NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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EPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "ANALYSIS OF GRAPH DATA FOR KNOWLEDGE DISCOVERY" is a bonafide work carried out by AJITH E (1NH20SCS01), in partial fulfilment for the award of MASTER OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(MS Uma N)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1. Uma. N

2. Manjunathe S

Signature with date

NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT PHASE-2 REPORT (20SCS44)

ON

"PrivacyChain: A Blockchain-Based Access Control Framework with Privacy Protection in Cloud "

Submitted in partial fulfilment for the award of the degree of

MASTER OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARCHANA S

1NH20SCS02

Under the guidance of

Dr. Rachana P
Associate Professor
Department of CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Academic Year: 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled **"PrivacyChain: A Blockchain Based Access Control Framework With Privacy Protection in Cloud"** is a bonafide work carried out by **ARCHANA S (1NH20SCS02)**, in partial fulfilment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. 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.

06/07/22

Signature of Guide

(Dr. Rachana P)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner	Signature with date
1. Puneet Shetteppanavar	.... 8/7/2022
2. Dr. Rachana P.	.... 08/07/2022

NEW HORIZON
COLLEGE OF ENGINEERING
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PROJECT REPORT (20SCS44)
ON

"BIRD SPECIFICATION USING DEEP LEARNING AND IMAGE PROCESSING"

Submitted in partial fulfillment for the award of the degree of

MASTER OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DEEPTHI JHA S -1NH20SCS03

Under the guidance of

Dr. Meenakshi Sundaram

Professor, Dept. of CSE.

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

Academic Year: 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "**Bird specification using deep learning and Image processing**" is a bonafide work carried out by **DEEPTHI JHA S (1NH20SCS03)**, in partial fulfilment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Guide

(Dr. Meenakshi Sundaram)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1. Dr. B. Meenakshi Sundaram

2. Prof. Y. Jaspin Bami Rani

Signature with date

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase 2 work entitled **"VISUALIZING MEDICAL FLOWER DETAILS BY USING DEEP NEURAL NETWORK"** is a bonafide work carried out by **K RAJESH KUMAR (1NH20SCS04)**, in partial fulfillment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022.** 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. Subhashini)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1. Nandini K

2. D Salangai Nayagi

Signature with date

...... 6/7/22

D 06/7/22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-II work entitled **"DISCOURSE FEELING IDENTIFICATION"** is a bonafide work carried out by **MADHUSHREE B (1NH20SCS05)**, in partial fulfillment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE Viva-Voce

Name of Examiner

Signature with date

1. ...ASNA RANZ BURAN
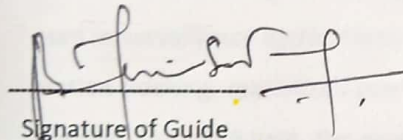
2. SONALI KARALE

SIC
05.07.22

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COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled " **SECURE DATA STORAGE USING BLOCK CHAIN AND ACCESS BASED CONTROL** " is a bonafide work carried out by **MOHAZZEBA TANVEER RAZA (1NH20SCS06)**, in partial fulfilment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. 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.

Signatureof Guide

(Ms. Soja Rani)

Signature of HOD

(Dr. B.Rajalakshmi)

SEE Viva

Name of Examiner

Signature with date

1.....Soja Rani S.............................

6/7/22

2.....Bhavya R.............................

6/7/22

NEW HORIZON
COLLEGE OF ENGINEERING

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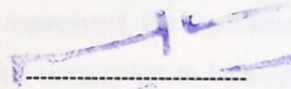Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "**Motion Detection & Capture Using OpenCV**" is a bonafide work carried out by **R Vishal (1NH20SCS07)** in partial fulfilment for the award of **MASTER OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship prescribed for the said degree.

Signature of Guide
(Siva Balan)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE Viva-Voce

Name of Examiner

1. Puneet Shetteppanavar

2. Dr. Rachana P.

Signature with date

8/07/2022

08/07/'22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "**Analysis Of Land Use And Land Cover Classification Of Rural And Urban Bengaluru Using ML Techniques**" is a bonafide work carried out by **RASHMI R (1NH20SCS08)**, in partial fulfilment for the award of **MASTER OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.
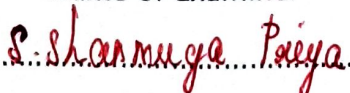
Signature of Guide
(Dr. Senthil Kumar R)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE Viva-Voce
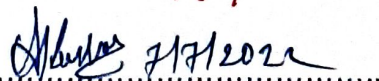
Name of Examiner	Signature with date
1. Mr. Mithun B. N	6/7/22
2. Dr. Senthilkumar. R	6/7/22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled **"CYBER-PHYSICAL SYSTEMS(CPS) SECURITY VERIFICATION USING MODEL CHECKING"** is a bonafide work carried out by **SOWBHAGYA LAKSHMI M (1NH20SCS09)**, in partial fulfillment for the award of **Master of Technology** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms S.Shanmuga Priya)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner	Signature with date
1. S.Shanmuga Priya	
2. Dr. Ajay Rushwah	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project work entitled "**Using MapReduce and Time Series Analysis to Defend Against DDoS Attacks**" is a bonafide work carried out by **VINOD KUMAR YS (1NH20SCS10)**, in partial fulfilment for the award of **MASTER OF TECHNOLOGY** in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2021-2022**. 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. Pramilarani K)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE Viva-Voce

Name of Examine

Signature with date

1. Dr. Lalit Kumar

2. K. Pramilarani