KAMARAJ
COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF INFORMATION TECHNOLOGY

Lab Code : **IT8811**   **Lab Name** : **Project Work**

Class/Semester : **IV IT / VIII**

LIST OF PROJECTS

S. No.	Register Number of Team Members	Name of the Team Members	Project Tile
1.	920418205001 920418205014 920418205047	ABUL FAISAL.M HARI VIGNESH.M SIVA PRIYAN.A	IoT Based Greenhouse Monitoring and Controlling System
2.	920418205002 920418205027 920418205028 920418205030	AMRUTYA HARSHA.R MADHUMITHRA.S MAHENDRA PUROHIT J MALINIDEVI.S	College Bus Tracking System
3.	920418205003 920418205007 920418205037	ANUPRIYA.S BANU PRIYA.S PAPPASRI.D	Secured Image Sharing without Pixel Expansion Using Visual Cryptography
4.	920418205004 920418205016 920418205020	ARASA MUNI VIYASAR.K JEYA RUBESH.A KARTHIKEYAN.M	Intelligence Based Remote Health Monitoring
5.	920418205005 920418205036 920418205041	ARUN PRASATH.D NITHYAN.G RAMGANESH.S	KCET DECAMP
6.	920418205006 920418205018 920418205034 920418205052	AYYAPARAJA.K KARTHICK GURU.J NANDHAKUMAR.S VEL VIJAI.V	HIREFRESH
7.	920418205008 920418205021 920418205032	CHANDRU.R KARTHIKEYAN.T MANIKANDAN PRABHU.R	Recurring Service Agreement
8.	920418205009 920418205012 920418205035 920418205701	CHANJAIY.J GOPINATH.R NANDHINI.S ABINAYA.M	Muzik – Emoticons Based Music Recommendation System
9.	920418205013 920418205023 920418205701	HARITHANJALI.K KAVINILA.M MRIDINI.M	Door Automation System
10.	920418205022 920418205042 920418205048	KARUPPASAMY.S SABIN ANTO.M SUDHARSAN.M	Multimedia Data Protection Using Password Based Lightweight Cryptography

S. No.	Register Number of Team Members	Name of the Team Members	Project Tile
11.	920418205015 920418205050	HINDHUJA.R SWETHA.S	Automatic Dog Feeder System Using IoT
12.	920418205017 920418205039 920418205046	KARISHMA.V PRAVEENA.G SHREENITHY.R	An Ensemble Learning Approach for Intrusion Detection System using Machine Learning Techniques
13.	920418205019 920418205024 920418205031 920418205045	KARTHIKA.G KAYAL ARASI.R MANIKANDAN.M SARAVANASANTHOSH.M	Digital Signature Verification Using Deep Learning
14.	920418205029 920418205033 920418205040	MAHENDRAN.A MEENAKSHI SUNDARAM.G RAGUL.T	College Chatbot
15.	920418205038 920418205043 920418205044	PARTHASARATHY.L SAKTHI GANESH.M SAMINATHAN.G	A Web Application for a Fabric and Clothing Industry

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DEPARTMENT OF INFORMATION TECHNOLOGY

B.TECH. END SEMESTER PRACTICAL EXAMINATION - MAY 2022

Lab Code	: IT8811	Lab Name	: Project Work
Class/Semester	: IV IT / VIII	Date	: 16.05.2022

LIST OF PROJECTS

S. No.	Register Number of Team Members	Name of the Team Members	Project Tile
1.	920418205001 920418205014 920418205047	ABUL FAISAL.M HARI VIGNESH.M SIVA PRIYAN.A	IoT Based Greenhouse Monitoring and Controlling System
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15.	920418205038 920418205043 920418205044	PARTHASARATHY.L SAKTHI GANESH.M SAMINATHAN.G	A Web Application for a Fabric and Clothing Industry

S.Valraiyade
17/5/2022
Project Coordinator

HoD/IT

IoT BASED GREENHOUSE MONITORING AND CONTROLLING SYSTEM

PROJECT REPORT

Submitted by

ABUL FAISAL M (920418205001)

HARI VIGNESH M (920418205014)

SIVA PRIYAN A (940218205047)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
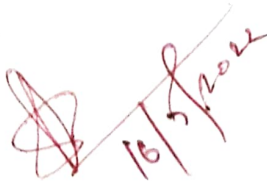
IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "**IoT BASED GREENHOUSE MONITORING AND CONTROLLING SYSTEM**" is the bonafide work of "**ABUL FAISAL (920418205001), HARI VIGNESH M (920418205014)** and **SIVA PRIYAN A (920418205047)**" who carried out the project work under my supervision.

SIGNATURE

Dr. P.Subathra, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar

SIGNATURE

Ms. P.Kaviya, M.Tech.,
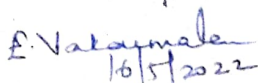
SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

COLLEGE BUS TRACKING SYSTEM

A PROJECT REPORT

Submitted by

AMRUTYA HARSHA R (920418205002)

MADHUMITHRA S (920418205027)

MAHENDAR PUROHIT J (920418205028)

MALINIDEVI S (920418205030)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

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DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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MAY 2022

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(An Autonomous Institution Affiliated to Anna University, Chennai)

K.VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report **"COLLEGE BUS TRACKING SYSTEM"** is the bonafide work of **"AMRUTYA HARSHA R (920418205002), MADHUMITHRA S (920418205027), MAHENDAR PUROHIT J (920418205028) and MALINIDEVI S (920418205030)"** who carried out the project work under my supervision.

SIGNATURE

Dr. P. SUBATHRA

HEAD OF THE DEPARTMENT

Professor,

Dept. of Information Technology,

Kamaraj College of Engineering and

Technology,

K.Vellakulam, Madurai - 625701.

SIGNATURE

Dr. E. VAKAIMALAR

SUPERVISOR

Associate Professor,

Dept. of Information Technology,

Kamaraj College of Engineering and

Technology,

K.Vellakulam, Madurai - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

SECURED IMAGE SHARING WITHOUT PIXEL EXPANSION USING VISUAL CRYPTOGRAPHY

PROJECT REPORT

Submitted by

ANU PRIYA S (920418205003)

BANU PRIYA S (920418205007)

PAPPASRI D (920418205037)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

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(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "SECURED IMAGE SHARING WITHOUT PIXEL EXPANSION USING VISUAL CRYPTOGRAPHY" is the bonafide work of "S. ANU PRIYA (920418205003), S. BANU PRIYA (920418205007), D. PAPPASRI (920418205037)" who carried out the project work under my supervision.

SIGNATURE

Dr.P.SUBATHRA

Head of the Department,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar
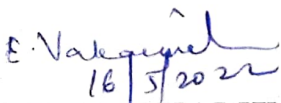
SIGNATURE

Ms.V.DEEPAPRIYA
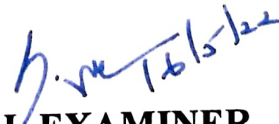
SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

INTELLIGENCE BASED REMOTE HEALTH MONITORING

A PROJECT REPORT

Submitted by

ARASA MUNI VIYASAR K (920418205004)

JEYA RUBESH A (920418205016)

KARTHIKEYAN M (920418205020)

In partial fulfillment for the award
of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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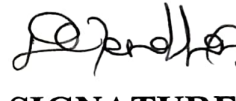
K. VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report **"INTELLIGENCE BASED REMOTE HEALTH MONITORING"** is the bonafide work of **ARASA MUNI VIYASAR K (920418205004), JEYA RUBESH A (920418205016)** and **KARTHIKEYAN M (920418205020)** who carried out the project work under my supervision.

SIGNATURE

Dr. P. SUBATHRA

HEAD OF THE DEPARTMENT

Professor,

Dept. of Information Technology,

Kamaraj College of Engineering and

Technology,

K. Vellakulam, Madurai - 625701.

SIGNATURE

Mrs. D. KAYATHRI DEVI

SUPERVISOR

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engineering and

Technology,

K. Vellakulam, Madurai - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

KCET DECAMP

PROJECT REPORT

Submitted by

ARUN PRASATH D (920418205005)

NITHYAN G (920418205036)

RAM GANESH S (920418205041)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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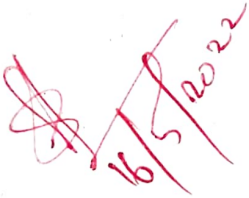**K.VELLAKULAM - 625 701 (Near Virudhunagar)**

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report **"KCET DECAMP"** is the bonafide work of **"ARUN PRASATH D (920418205005), NITHYAN G (920418205036) and RAM GANESH S (920418205041)"** who carried out the project work under my supervision.
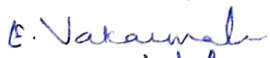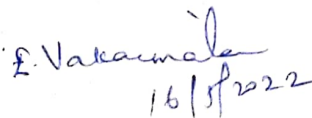
SIGNATURE

Dr. P. SUBATHRA, M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar.

SIGNATURE

Mr. D. VENDHAN M.Sc., M.Tech.,

SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar.

INTERNAL EXAMINER

EXTERNAL EXAMINER

HIREFRESH

PROJECT REPORT

Submitted by

AYYAPARAJA K (920418205006)

KARTHICK GURU J (920418205018)

NANDHAKUMAR S (920418205034)

VEL VIJAI V (920418205052)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
IN
INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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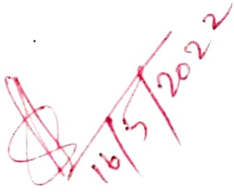### K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "HIREFRESH" is the bonafide work of

"K. AYYAPARAJA (920418205006), J. KARTHICK GURU (920418205018),

S. NANDHAKUMAR (920418205034) AND V. VEL VIJAI (920418205052)"

who carried out the project work under my supervision.

SIGNATURE

Dr. P. Subathra, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar

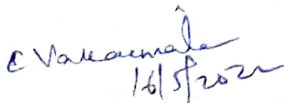**SIGNATURE**

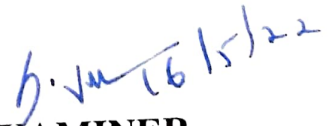**Dr. E. Vakaimalar, M.E., Ph.D.,**

SUPERVISOR,

Associate Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

RECURRING SERVICE AGREEMENT

PROJECT REPORT

Submitted by

CHANDRU R (920418205008)

KARTHIKEYAN T (920418205021)

MANIKANDAN PRABHU R
(920418205032)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
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KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report **"RECURRING SERVICE AGREEMENT"** is the bonafide work of **"CHANDRU R (920418205008), KARTHIKEYAN T (920418205021) & MANIKANDAN PRABHU R (920418205032)"** who carried out the project work under my supervision.

SIGNATURE

Dr. P. SUBATHRA,

Head of the Department,

Designation,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar

SIGNATURE

Mr. C. RAJ KANNAN,

SUPERVISOR,

Designation,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar
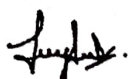
INTERNAL EXAMINER

EXTERNAL EXAMINER

Date: 12/5/2022

PROJECT CONFIRMATION LETTER

This is to confirm that **Mr.T.Karthikeyan (Reg no:920418205021),** **Mr.R.Chandru (Reg no:920418205008), and Mr.R.Manikandan Prabhu (Reg no:920418205032),** Final year **B.Tech IT** students of **Kamaraj College of Engineering & Technology, Virudhunagar** are doing their project at our concern. The project title is **"Recurring Service Agreement"** using Front End Angular and Back End Node js.

The duration of their project is five months from **December 2021 to April 2022.**

With Regards,

Fanny HR,

Centizen Inc.

MUZIK – EMOTICON BASED MUSIC RECOMMENDATION SYSTEM

PROJECT REPORT

Submitted by

CHANJAIY J (920418205009)

GOPINATH R (920418205012)

NANDHINI S (920418205035)

ABINAYA M (920418205702)

In partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY
IN
INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution - Affiliated to Anna University, Chennai)
K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022
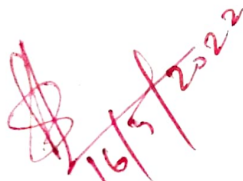
KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report **"MUZIK - EMOTICON BASED MUSIC RECOMMENDATION SYSTEM"** is the bonafide work of **CHANJAIY J (920418205009), GOPINATH R (920418205012), NANDHINI S (920418205035),** and **ABINAYA M (920418205702)** who carried out the project work under my supervision.

SIGNATURE

Dr. P SUBATHRA

HEAD OF THE DEPARTMENT

Professor,

Dept. of Information Technology,

Kamaraj College of Engg and Tech,

K.Vellakulam, Virudhunagar - 625701.
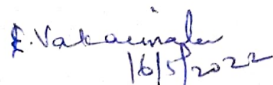
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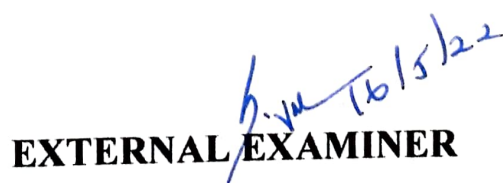
Dr. R ARTHY

SUPERVISOR

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg andTech,

K.Vellakulam, Virudhunagar - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

DOOR AUTOMATION SYSTEM

PROJECT REPORT

Submitted by

HARITHANJALI K (920418205013)

KAVINILA M (920418205023)

MRIDINI M (920418205701)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "DOOR AUTOMATION SYSTEM" is the bonafide work of "HARITHANJALI K (920418205013), KAVINILA M (920418205023) and MRIDINI M (920418205701)" who carried out the project work under my supervision.
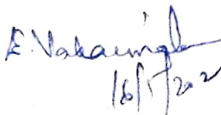
SIGNATURE

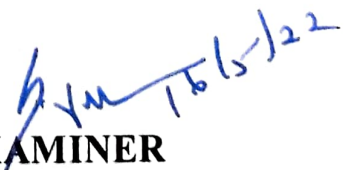**Dr. P. SUBATHRA, M.E., Ph.D.,**

HEAD OF THE DEPARTMENT,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar.

SIGNATURE 13|05|22

Mr. D. VENDHAN M.Sc., M.Tech.,

SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar.

INTERNAL EXAMINER

EXTERNAL EXAMINER

MULTIMEDIA DATA PROTECTION USING PASSWORD BASED LIGHTWEIGHT CRYPTOGRAPHY

A PROJECT REPORT

Submitted by

KARUPPASAMY S (920418205022)

SABIN ANTO M (920418205042)

SUDHARSAN M (920418205048)

In partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K.VELLAKULAM-625 701(Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K.VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report **"MULTIMEDIA DATA PROTECTION USING PASSWORD BASED LIGHTWEIGHT CRYPTOGRAPHY"** is the bonafide work of **KARUPPASAMY S (920418205022), SABIN ANTO M (920418205042), SUDHARSAN M (920418205048)** who carried out the project work under my supervision.

SIGNATURE

Dr. P. SUBATHRA

HEAD OF THE DEPARTMENT

Professor,

Dept. of Information Technology,

Kamaraj College of Engg and Tech,

K.Vellakulam, Virudhunagar - 625701.

SIGNATURE

Mrs.D.KAYATHRI DEVI

SUPERVISOR

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg and Tech,

K.Vellakulam, Virudhunagar - 625701.

INTERNAL EXAMINER

EXTERNAL EXAMINER

AUTOMATIC DOG FEEDER SYSTEM

USING IoT

PROJECT REPORT

Submitted by

HINDHUJA R (920418205015)

SWETHA S (920418205050)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

AN ENSEMBLE LEARNING APPROACH FOR INTRUSION DETECTION SYSTEM USING MACHINE LEARNING TECHNIQUES

PROJECT REPORT

Submitted by

KARISHMA V (920418205017)

PRAVEENA G (920418205039)

SHREENITHY R (940218205046)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
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INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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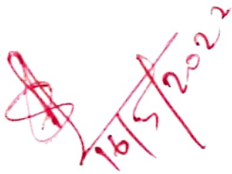### K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

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K.VELLAKULAM – 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

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SIGNATURE

Dr. P.Subathra, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar

SIGNATURE

Ms. P.Kaviya, M.Tech.,

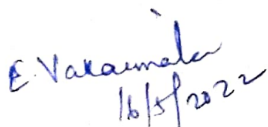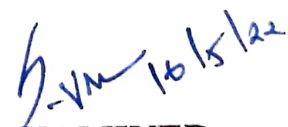**SUPERVISOR,**

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

DIGITAL SIGNATURE VERIFICATION USING DEEP LEARNING

PROJECT REPORT

Submitted by

KARTHIKA.G (920418205019)

KAYAL ARASI.R (920418205024)

MANIKANDAN.M (920418205031)

SARAVANA SANTHOSH.M (920418205045)

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM - 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report "**DIGITAL SIGNATURE VERIFICATION USING DEEP LEARNING**" is the bonafide work of "**KARTHIKA.G (920418205019), KAYAL ARASI.R (920418205024), MANIKANDAN.M (920418205031) and SARAVANA SANTHOSH.M (920418205045)** who carried out the project work under my supervision.

SIGNATURE

Dr. P. SUBATHRA, M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg& Tech,

K.Vellakulam, Near Virudhunagar

SIGNATURE

Mrs.V.DEEPA PRIYA,M.Sc.,M.Phil., M.E(CSE)

SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

II

COLLEGE CHAT BOT

A PROJECT REPORT

Submitted by

MAHENDRAN A (920418205029)

MEENAKSHI SUNDARAM G (920418205033)

RAGUL T (920418205040)

In partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701(Near Virudhunagar)

MAY 2022

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KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that this project report **"COLLEGE CHAT BOT"** is the bonafide work of **MAHENDRAN A (920418205029), MEENAKSHI SUNDARAM G (920418205033),** and **RAGUL T (920418205040)** who carried out the project work under my supervision.
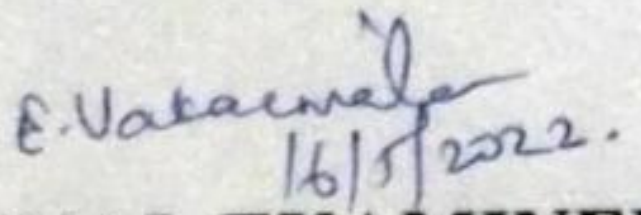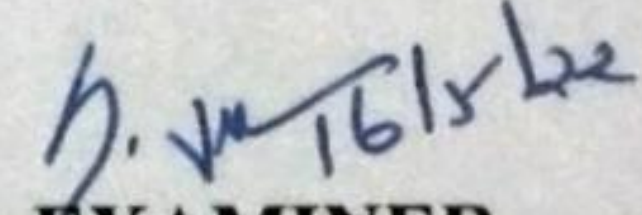
SIGNATURE	**SIGNATURE**
Dr. P. SUBATHRA	**Dr. P. SUBATHRA**
HEAD OF THE DEPARTMENT	**SUPERVISOR**
Professor,	Professor,
Dept. of Information Technology,	Dept. of Information Technology,
Kamaraj College of Engineering and	Kamaraj College of Engineering and
Technology,	Technology,
K. Vellakulam, Madurai - 625701.	K. Vellakulam, Madurai - 625701.

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

A WEB APPLICATION FOR A FABRIC AND CLOTHING MANUFACTURING INDUSTRY

PROJECT REPORT

Submitted by

PARTHA SARATHY L (920418205038)

SAKTHI GANESH M (920418205043)

SAMINATHAN G (920418205044)

In partial fulfilment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

K. VELLAKULAM-625 701(Near Virudhunagar)

MAY 2022

KAMARAJ COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution- Affiliated to Anna University, Chennai)

K.VELLAKULAM – 625 701 (Near Virudhunagar)

BONAFIDE CERTIFICATE

Certified that the project report **"A WEB APPLICATION FOR A FABRIC AND CLOTHING MANUFACTURING INDUSTRY"** is the bonafide work of **"PARTHA SARATHY L (920418205038), SAKTHI GANESH M (920418205043) and SAMINATHAN G (920418205044)"** who carried out the project work under my supervision.
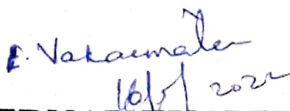
SIGNATURE

Dr.P.Subathra, M.E., Ph.D.,

Head of the Department,

Professor,

Dept. of Information Technology,

Kamaraj College of Engg & Tech,
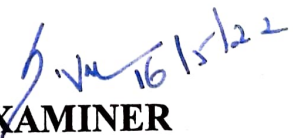
K.Vellakulam, Near Virudhunagar

SIGNATURE

Dr. R. Arthy M.E., Ph.D.,

SUPERVISOR,

Assistant Professor,

Dept. of Information Technology,

Kamaraj College of Engg &Tech,

K.Vellakulam, Near Virudhunagar

INTERNAL EXAMINER

EXTERNAL EXAMINER

SUPREME INTERNATIONAL

5/222B, North South 1ˢᵗ Street, Kuppayammankadu
Angeripalayam, Tirupur-641603
TAMILNADU

PAN NO: BFCPP2949M
GSTIN : 33BFCPP2949M1Z3

Contact: 9894504865
EMAIL – supremeinternational2019@gmail.com

To whom so ever it may concern

We have assigned a Project to Mr.Saminathan.G, Sakthi Ganesh.M, Partha Sarathy.L to create a web application for our Fabric and Cloth manufacturing industry. They have completed the project and submitted the project as well. we are satisfied with this project.

Thanking You.

For SUPREME INTERNATIONAL

A. Thuyen.
Proprietor

For Supreme International

A. Thuyen.
Authorized Signatory