



**KG College of Arts and Science**

Autonomous Institution | Affiliated to Bharathiar University

ISO 9001-2015 Certified Institution

KGiSL Campus, Saravanampatti, Coimbatore – 641 035



**AQAR 2023 - 2024**

**Criterion 1 – Curricular Aspects**

**Key Indicator – 1.3 Curriculum Enrichment**

**1.3.2 & 1.3.3 Percentage of students undertaking project work/field work/internships**

**Academic Year 2023-24**

**Project Work Completion Certificates**

Name of the Programme : BBA

## CERTIFICATE

This is to certify that the project report titled, "A STUDY ON FACTORS INFLUENCING CUSTOMER PREFERENCE AND ADOPTION OF ELECTRIC VEHICLES IN COIMBATORE CITY" done by ALICE CHRISTENA EVANGELIN D, Register No. 2125F6008, submitted to the Bharathiar University in partial fulfilment of the award of the degree of BACHELOR OF BUSINESS ADMINISTRATION is a record of original work done by me during my period of study at KG COLLEGE OF ARTS AND SCIENCE under the supervision of Mrs. S.VAISHNAVI, MBA, M.Phil.

Place: Coimbatore

Date: 19/03/24

  
Signature of the Guide

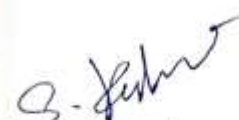
  
Signature of the HOD



  
Signature of the Principal

**PRINCIPAL**  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-voce examination held on 21/03/24

  
Internal Examiner


  
External Examiner

## CERTIFICATE

This is to certify that the project report titled, "IMPACT OF GREEN MARKETING ON CONSUMER BEHAVIOUR TOWARDS LED BULBS IN COIMBATORE DISTRICT" done by ANUSHA BLASÉ FLAVIA.P, Register No. 2125F0969, submitted to the Bharathiar University in partial fulfilment of the award of the degree of BACHELOR OF BUSINESS ADMINISTRATION is a record of original work done by me during my period of study at KG COLLEGE OF ARTS AND SCIENCE under the supervision of Dr.K.VISHNUPRIYA Associate Professor, Department of Management studies.

Place: Coimbatore

Date: 20.03.2024


  
Signature of the Guide

  
Signature of the HOD



  
Signature of the Principal  
**PRINCIPAL**  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-voce examination held on 21.03.2024

  
Internal Examiner

  
External Examiner

Name of the Programme : B.B.A. Computer Applications

CERTIFICATE

This is to certify that the project report titled, "A STUDY ON CUSTOMER'S PERCEPTION TOWARDS LIFE INSURANCE POLICIES" done by AKILAN V, Register No. 2125F0967, submitted to the Bharathiar University in partial fulfilment of the award of the degree of BACHELOR OF BUSINESS ADMINISTRATION WITH COMPUTER APPLICATIONS is a record of original work done by me during my period of study at KG COLLEGE OF ARTS AND SCIENCE under the supervision of Ms. SOWMYA R.

Place: Coimbatore

Date: 21/03/2024



Signature of the Guide



Signature of the HOD





Signature of the Principal

**PRINCIPAL**  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-voce examination held on 21/3/2024

  
Internal Examiner

  
External Examiner

## CERTIFICATE

This is to certify that the project report titled, "CONSUMER BUYING BEHAVIOUR IN APPAREL E-COMMERCE SITES AMONG GEN Z IN COIMBATORE DISTRICT" done by AISHWARYA R, Register No. 2125G0332, submitted to the Bharathiar University in partial fulfilment of the award of the degree of BACHELOR OF BUSINESS ADMINISTRATION WITH COMPUTER APPLICATIONS is a record of original work done by me during my period of study at KG COLLEGE OF ARTS AND SCIENCE under the supervision of Dr. Gifteen Ringel.

Place: Coimbatore

Date: 21/03/2024



Signature of the Guide




Signature of the HOD



Signature of the Principal

PRINCIPAL  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-voce examination held on 22/03/2024



Internal Examiner



External Examiner

Name of the Programme : B.Com.

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS SUGAR COSMETIC PRODUCTS WITH SPECIAL REFERENCE TO COIMBATORE CITY" submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce is a record of original work done by DURGA LAKSHMI R (REG. NO. 212AA0955) during the period of study in KG COLLEGE OF ARTS AND SCIENCE under the supervision of Mrs. S.SHALINI, M.Com., Assistant Professor, Department of Commerce.

Place: Coimbatore

Date: 20.03.2024

SIGNATURE OF THE GUIDE



(College Seal)

SIGNATURE OF THE HOD

Submitted for the Viva-Voce Examination held on 21.03.2024

INTERNAL EXAMINER

EXTERNAL EXAMINER

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON THE IMPACT OF THE OTT PLATFORMS ON YOUTH WITH SPECIAL REFERENCE TO COIMBATORE CITY" submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce is a record of original work done by ABINANDHANA K (REG.NO.212AA0948) during the period of study in KG COLLEGE OF ARTS AND SCIENCE under the supervision of Dr. B. KARTHIKEYAN, M.Com., M.Phil., B.Ed., Ph.D., Head & Assistant Professor, Department of Commerce.

Place: Coimbatore

Date: 20/03/24

*B. Karthikeyan*  
20/3/24

SIGNATURE OF THE GUIDE

*B. Karthikeyan*  
20/3/24

SIGNATURE OF THE HOD



(College Seal)

Submitted for the Viva-Voce Examination held on 21/03/24

*X.L-7-16*  
21/3/24

INTERNAL EXAMINER

*[Signature]*  
21/3/2024

EXTERNAL EXAMINER

**Name of the Programme : B.Com. Computer Applications**

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION TOWARDS SMALL SCALE FOOD INDUSTRIES WITH SPECIAL REFERENCE TO COIMBATORE CITY" submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce with Computer Applications is a record of original work done by **ATCHAYA M (REG. NO. 212AC2236)** during the period of study in KG College of Arts and Science under the supervision of **DR.J.K.BHARATH, M.Com. M.Phil. MBA (MM). MBA(IB), Ph.D.** Head of the Department, Department of Commerce with Computer Applications.


Place: Coimbatore.

Date: 20-03-2024

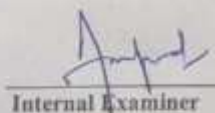
  
Signature of the Guide

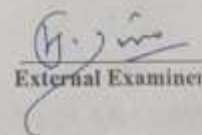
  
Signature of the HOD



  
Signature of the Principal  
**PRINCIPAL**  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-Voce examination held on 22-03-2024

  
Internal Examiner

  
External Examiner

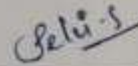


**CERTIFICATE**


This is to certify that the project entitled "A STUDY ON CONSUMER'S PERCEPTION AND SATISFACTION TOWARDS OTT PLATFORM" submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce with Computer Applications is a record of original work done by S.ABISHEK (Reg. No. 212AC2232) during the period of study in KG College of Arts and Science under the supervision of Mrs.S.SELVI, M.Com.,M.Phil.,(Ph.D) Assistant Professor, Department of Commerce with Computer Applications.

Place: Coimbatore.

Date: 20/03/2024



Signature of the Guide



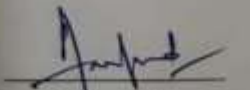
Signature of the HOD



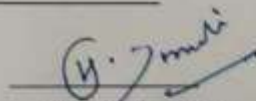

Signature of the Principal

**PRINCIPAL**  
**KG COLLEGE OF ARTS AND SCIENCE**  
**COIMBATORE - 641 035.**

Viva-Voce examination held on 22/03/2024



Internal Examiner



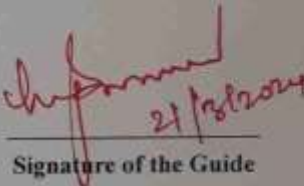
External Examiner

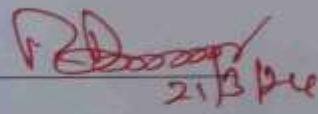
**Name of the Programme : B.Com. Information Technology****CERTIFICATE**

This is to certify that the project entitled "A STUDY ON JOB SATISFACTION AND EMPLOYEE PERFORMANCE WITH REFERENCE TO JENNTEX ENGINEERING" submitted to Bharathiar University in partial fulfillment for the award of Degree of Bachelor of Commerce with Information Technology is a record of original work done by SANJAYS (212AJ0154) during the period of study in KG College of Arts and Science under the supervision of Dr.A. MYILSAMY, MBE, MBA, MPhil, APGDCA, Ph. D Assistant Professor, Department of Commerce with Information Technology.

Place: Coimbatore.

Date: 21/03/2024

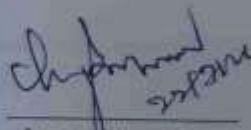
  
Signature of the Guide

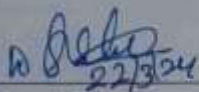
  
Signature of the HOD  
**Head of the Department**  
**Department of Commerce I.T.**  
**KG College of Arts and Science**  
**Saravanampatti, Coimbatore - 641035.**



  
Signature of the Principal  
**PRINCIPAL**  
**KG COLLEGE OF ARTS AND SCIENCE**  
**COIMBATORE - 641 035.**

Viva-Voce examination held on 22/03/2024

  
Internal Examiner

  
External Examiner

**CERTIFICATE**

This is to certify that the project entitled “CANTEEN FOOD ORDERING SYSTEM” submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce with Information Technology is a record of original work done by BHARATH C (Reg. No: 212AJ0118) during the period of study in KG College of Arts and Science under the supervision of Ms. G. SARANIYA M.C.A., M.Phil., (Ph.D.,) Assistant Professor, Department of Commerce IT.

PLACE: Coimbatore.

DATE: 21.03.2024

*Sarany*  
21/03/24  
Signature of the Guide

*[Signature]*  
Signature of the HoD

**Head of the Department  
Department of Commerce I.T.  
KG College of Arts and Science  
Saravanampatti, Coimbatore – 641035.**



*[Signature]*

Signature of the Principal

**PRINCIPAL  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.**

Viva-Voce examination held on: 22.03.2024




*[Signature]*  
Internal Examiner

*[Signature]*  
External Examiner

**Name of the Programme : B.Com. Professional Accounting****CERTIFICATE**

This is to certify that the project entitled “**Social media usage: A comparison between generation y and generation z**” submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce with Professional Accounting is a record of original work done by **K.Sri Kumar (Reg. No. 212AK0573)** during the period of study in **KG College of Arts and Science** under the supervision of **Dr. Paramesswari.N MBA., M.Phil., PhD** Assistant Professor, Department of Commerce with Professional Accounting.

Place: Coimbatore.

Date: 15.03.2024  
Signature of the Guide  
Signature of the HOD  
Signature of the Principal**PRINCIPAL**  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.Viva-Voce examination held on 21.03.2024  
Internal Examiner  
External Examiner

## CERTIFICATE

This is to certify that the project entitled "A Study on Financial Performance and Investment Decision With Reference to Axis Bank" submitted to Bharathiar University in partial fulfillment for the award of degree of Bachelor of Commerce with Professional Accounting is a record of original work done by Subasree S (Reg. No. 212AK0574) during the period of study in KG College of Arts and Science under the supervision of Dr.M.Vimalarani, M.Com., M.Phil., M.B.A., Ph.D. Assistant Professor, Department of Commerce with Professional Accounting.

Place: Coimbatore.

Date: 15-03-2024

Signature of the Guide

Signature of the HOD



Signature of the Principal

PRINCIPAL  
KG COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035.

Viva-Voce examination held on 21-03-2024

Internal Examiner

External Examiner

**Name of the Programme : B.Sc. Computer Science****CERTIFICATE**

This is to certify that the project entitled "PARKING LOCATION GUIDANCE SERVICE" submitted to Bharathiar University fulfilment for the award of degree of Bachelor of Science in Computer Science is a record of original work done by **RAGUL R (2122K0343)** during the period of study in KG College of Arts and Science under the supervision of **Dr.R. ASWANANDINI**, Assistant Professor, Department of Computer Science.

PLACE : COIMBATORE

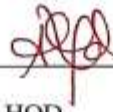
DATE : 20-03-2024



GUIDE

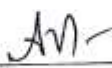


COLLEGE SEAL



HOD

VIVA-VOCE EXAMINATION HELD ON 22-03-2024



INTERNAL EXAMINER

  
22/3/24

EXTERNAL EXAMINER



# Axon Info Soft India Pvt Ltd

Coimbatore

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms.POOJA.G (Reg.No. 2122K0341) doing final year **B.Sc (Computer Science)** in KG College of Arts and Science, Coimbatore has successfully completed her project work entitled as “**Virtual Fence: Mobile Application for College Campus**” in our concern during the period starting from **December 2023 to March 2024**. During this period we found her to be sincere in her attendance is 100%. We are certifying that her conduct and character have been found to be good.

For AXON INFO SOFT

*V. Subramaniam*  
Admin

#249 A, Ganapathy Pudur, 3rd Street, Ganapathy, Coimbatore, Tamil Nadu 641006.  
Phone: +91 9629444242. [www.axoninfosoft.com](http://www.axoninfosoft.com).

## CERTIFICATE

This is to certify that project entitled "VIRTUAL FENCE: MOBILE APPLICATION FOR COLLEGE CAMPUS" submitted to Bharathiar University fulfillment for the award of degree of Bachelor of Science in Computer Science is a record of original work done by POOJA G (2122K0341) during the period of study in KG College of Arts and Science under the supervision of Dr.R.ASWANANDINI, Assistant Professor Department of Computer Science.

PLACE: COIMBATORE

DATE: 21-03-2024



SIGNATURE OF GUIDE



COLLEGE SEAL

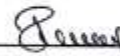


SIGNATURE OF HOD

VIVA-VOCE EXAMINATION HELD ON 22-03-2024



INTERNAL EXAMINER



EXTERNAL EXAMINER  
22/3/24



# AES TECHNOLOGIES

Our mission is to make your business better through technology...

No: 41, Sr Lakshmanan Nagar, Singanallur, Coimbatore - 641005, Near Shanthi Gates Petrol Bunk  
Tel : 0422-2245856 Ph : +91 9865553725 Email : Aestechinfo @gmail.com www. aestechinfo .org

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. RAGUL R (Reg No: 2122K0343)** Studying in III B.Sc (Computer Science) at KG College of Arts and Science, Coimbatore has completed his project work entitled as **“PARKING LOCATION GUIDANCE SERVICE”** in our concern from **January 2024 - march 2024.**

During the period of his project work with us, he had been exposed to different process was found punctual, Hard working and Inquisitive. We wish him every success in his life and career.

FOR AES TECHNOLOGIES

  
HR MANAGER



Name of the Programme : B.C.A



Software Development | Web Designing | Mobile Applications

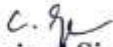
Date: 08.01.2024

**TO WHOM SOEVER IT MAY CONCERN**

This is to certify Ms. SREE VARSHINI S (Reg No:2122J0324) the student of **KG College of Arts and Science**, Coimbatore studying final year BCA has been accepted to do her project entitled "**Enhanced Data Security With Onion Encryption and Key Rotation**" in our concern during January 2024 - March 2024.

Yours Truly,

For SMC Techonologies,

  
Authorized Signature





+91 86109 15216  
+91 97868 40647



uniqsoftech.com  
uniqsoftech66@gmail.com



132, 4th Street, Cross Cut Road,  
Gandhipuram, Coimbatore- 641012



MARCH 2024

PLACE : Coimbatore

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.SOWNDER M (REGNO: 2122J0323) studying in the Department of III BCA from the student of KG COLLEGE OF ARTS AND SCIENCE, COIMBATORE had completed his Internship under the title "PERSONAL CLOUD STORAGE SYSTEM WITH RASPERRY-PI" in our company from January 2024 to March 2024.

We wish him for future endeavours.

For UNIQ Softech

  
AUTHORIZED SIGNATURE





#137, Balamurugan Complex,  
2nd Floor, Avinashi Road,  
Hope College, Coimbatore - 641004

DATE: 20.1.2024

### TO WHOM IT MAY CONCERN

This is to certify that **Mr . Selvam M** (Reg. No: 2122j0317 ) Final year Bachelor of Computer Applications in **KG College of Arts and Science, Coimbatore,** has Permitted to do her project work titled " **Exam Hall Arrangment System "** in our concern from **January 2024 to April 2024**

For Nitroware Technologies Pvt Ltd.,

A circular purple stamp with the text 'NITROWARE TECHNOLOGIES' around the top and 'COIMBATORE' at the bottom. A handwritten signature in blue ink is written over the stamp.  
Authorized Signature

**Name of the Programme : B.Sc. Information Technology**

**CERTIFICATE**

This is to certify that the project entitled "DATA LEAKAGE DETECTION USING HOMOMORPHIC ENCRYPTION IN CLOUD COMPUTING" submitted to Bharathiar University in partial fulfilment for the award of degree of B.Sc. Information Technology is a record of original work done by RINDHIYA K (Reg No: 2126J0102) during the period of study in KG College of Arts and Science under the supervision of Mr. R. MANEENDHAR MCA., M.Phil., Assistant Professor, Department of Information Technology.

**PLACE: Coimbatore****DATE:** 21.03.2024

Handwritten signature in red ink, appearing to be "R. M." with a date "21/03/2024" written below it.

**Signature of the Guide**

Handwritten signature in black ink, appearing to be "M." with a date "21/3/24" written below it.

**Signature of the HoD****Viva-Voce examination held on** 22.03.2024

Handwritten signature in red ink, appearing to be "R. M." with a date "22/03/2024" written below it.

**Internal Examiner**

Handwritten signature in red ink, appearing to be "N. M." with a date "21/3" written below it.

**External Examiner**



## SMART WAY INDUSTRIAL AUTOMATION



WWW.SMARTWAYIA.COM



INFO@SMARTWAIA.COM

Date : 14/03/2024

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. RINDHIYA K (2126J0102) doing BSC (Information Technology) in KG College of Arts and Science-Coimbatore, has completed her project work entitled "DATA LEAKAGE DETECTION USING HOMOMORPHIC ENCRYPTION IN CLOUD COMPUTING" during the period DECEMBER 2023 to MARCH 2024, during this project her conduct and character was very good.

  
SMART WAY INDUSTRIAL AUTOMATION  
110, M.R. Complex, Nehru Street,  
Rant Nagar, Coimbatore - 641 009.

For SMARTWAY INDUSTRIAL  
AUTOMATION

Office : No.109, M.R Complex, Nehru Street, Coimbatore, Tamil Nadu-641009

**CERTIFICATE**

This is to certify that the project entitled "AN EFFICIENT MISBEHAVIOUR TRACKING FOR SECURE DATA SHARING IN TRUSTED CLOUDS" submitted to Bharathiar University in partial fulfilment for the award of degree of B.Sc. Information Technology is a record of original work done by VARSHITHA S (Reg No: 2126J0123 ) during the period of study in KG College of Arts and Science under the supervision of Mr. R.MANEENDHAR MCA., M.Phil., Assistant Professor, Department of Information Technology.

**PLACE: Coimbatore****DATE: 20-03-2024**

Signature of the Guide



College Seal



Signature of the HoD

Viva-Voce examination held on 22-03-2024

Internal Examiner



External Examiner



Name of the Programme : B.Sc. Computer Technology



**NR SOFTWARE SOLUTION**

#18, Dhamu Garden, G.N. Mills,  
Coimbatore, Tamil Nadu - 641 029.  
E-mail: info@nrsoftwaresolution.com  
Web: www.nrsoftwaresolution.com  
Mobile: 86676 28176

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. SYED KALAAM UBATHULLAH (Reg. No.: 2126K0055), doing B.sc Computer Technology in KG COLLEGE OF ARTS AND SCIENCE – Coimbatore, has completed his project work entitled "FAKE PRODUCT REVIEW MONITORING SYSTEM" during the period of December 2023 to March 2024. During this project, his conduct was very good.

For NR SOFTWARE SOLUTION

 Authorized Signatory



# MAYUGAM INFO TECH



WWW.MAYUGAM.IN



INFO@MAYUGAM.IN

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. GAYATHRI S (REG.NO: 2126K0014)** final year **COMPUTER TECHNOLOGY** student of **KG COLLEGE OF ARTS AND SCIENCE, Coimbatore**, has successfully completed her project in our company during the period from **DECEMBER 2023** to **MARCH 2024**.



For MAYUGAM INFO TECH

Office: No.109, M.R Complex, Nehru Street, Coimbatore, Tamil Nadu-641009.

Lab : Laxmi Nagar, Sanganoor, Coimbatore, Tamil Nadu 641006 .



Arudhra Innovations

M: +91 9790 67 5343 contact@arudhrainnovations.com [www.arudhrainnovations.com](http://www.arudhrainnovations.com)

Ref: Project/HR/2024

March 2024

**CERTIFICATE OF COMPLETION**

This is to inform you that **Mr. K.VAIDEESHKUMAR (Reg No: 2126K0056)** student studying B.Sc (COMPUTER TECHNOLOGY) from KG COLLEGE OF ARTS AND SCIENCE, COIMBATORE. He successfully completed the project titled "A Mobile Application On Quarantine Management System", at Arudhra Innovations for duration from December 2023 to March 2024.

Yours Sincerely,  
For Arudhra Innovations



Panneer Selvam R  
Project Manager

**For More Information**

1st Floor, 119, Gokhale St,  
Ram Nagar, Coimbatore,  
Tamil Nadu 641009  
+91 9790 67 5343  
[contact@arudhrainnovations.com](mailto:contact@arudhrainnovations.com)  
[www.arudhrainnovations.com](http://www.arudhrainnovations.com)

ARUDHRA INNOVATIONS

M: +91 9790 67 5343 contact@arudhrainnovations.com [www.arudhrainnovations.com](http://www.arudhrainnovations.com)



# Cyprus Infotech Pvt Ltd

Coimbatore

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr.ROHAN K (Reg.No.2126K0042) doing B.Sc (Computer Technology) in KG College of Arts and Science-Coimbatore, has completed his project work entitled “Hybrid Data Security Using Frames” during the period of December 2023 to March 2024. During this project his conduct and character was very good.

For Cyprus Infotech Pvt Ltd



Hr Manager

No.307,Sathy Road, Ganapathy Housing Unit, Ganapathy, Coimbatore-641006.  
[www.cyprusinfotech.net](http://www.cyprusinfotech.net) , Phone: +91 9788575962.


**Name of the Programme : B.Sc. Electronics and Communication Systems****CERTIFICATE**

This is to certify that the project entitled "ENHANCED ENVIRONMENTAL MONITORING USING DRONE" submitted to Bharathiar University in partial fulfillment for the award of degree of B.Sc. Electronics and Communication Systems is a record of original work done by KAVIYADHARSHINI S(Reg. No: 2126B0014) during the period of study in KG College of Arts and Science under the supervision of Mr. M. SENTHILKUMAR M.Sc., M.Phil., (Ph.D) Assistant Professor, Department of Electronics and Communication Systems.

**PLACE: Coimbatore****DATE: 23.03.2024****Signature of the Guide****Signature of the HoD****Viva-Voce examination held on** 23.03.2024**Internal Examiner****External Examiner**

**CERTIFICATE**

This is to certify that the project entitled "SELF-DRIVING CAR USING NEURAL NETWORKS, COMPUTER VISION AND DEEP LEARNING ALGORITHMS" submitted to Bharathiar University in partial fulfillment for the award of degree of B.Sc. Electronics and Communication Systems is a record of original work done by **ALWIN GLIFFERD D (Reg. No: 2126B0002)** during the period of study in **KG College of Arts and Science** under the supervision of **Mr. M. ARUN PRASAD M.Sc., M.B.A., M.Phil., (Ph.D)** Assistant Professor & Head, Department of Electronics and Communication Systems.

**PLACE: Coimbatore****DATE: 22/03/2024**

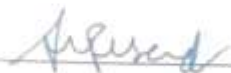
Signature of the Guide



College Seal



Signature of the HoD

Viva-Voce examination held on 23/03/2024

Internal Examiner



External Examiner

Name of the Programme : M.Sc. Mathematics

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON APPLICATION OF CRYPTOGRAPHY USING GRAPH THEORY" submitted to Bharathiar University in partial fulfillment for the award of degree is a record of original work done by **BHUVANESHWARI R** (Reg. No. 2232A0193) during the period of study in KG College of Arts and Science under the supervision of **Ms.J.NIRMALA, M.Sc., M.Phil., (Ph.D)** Assistant Professor, Department of Mathematics.

Place: Coimbatore.

Date: 25-03-2024



Signature of the Guide

Signature of the HoD

VIVA-VOCE Examination held on 25-03-2024

Internal Examiner

External Examiner

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON ANALYSIS OF VARIANCE AND SPSS OPERATION IN MEDICAL RESEARCH" submitted to Bharathiar University in partial fulfillment for the award of degree is a record of original work done by **AMRITHA K (Reg. No. 2232A0191)** during the period of study in KG College of Arts and Science under the supervision of **Ms. J. NIRMALA M.Sc.,M.Phil., (Ph.D)**., Assistant Professor, Department of Mathematics.

**Place:** Coimbatore.

**Date:** 25-03-2024



**Signature of the Guide**

**Signature of the HoD**

VIVA-VOCE Examination held on 25.03.2024

**Internal Examiner**

**External Examiner**



**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON COLORING IN VARIOUS GRAPHS" submitted to Bharathiar University in partial fulfillment for the award of degree is a record of original work done by **BALAMUKESH G (Reg. No. 2232A0192)** during the period of study in KG College of Arts and Science under the supervision of **Ms.R.VINITHA, M.Sc., M.Phil., PGDCA, (Ph.D)**, Assistant Professor, Department of Mathematics.

Place: Coimbatore.

Date: 25.07.2024

Signature of the Guide



College Seal

Signature of the HoD

VIVA-VOCE Examination held on 25.07.2024

Internal Examiner


External Examiner

**Name of the Programme : M.Sc. Software Systems**

**CERTIFICATE**

This is to certify that the project entitled "TRAFFIC PREDICTION" submitted to Bharathiar University, in partial fulfillment for the award of degree of Master of Software Systems is a record of original work done by AbiramaSundari. C [Reg. No. 2032J0001] during the period of study in KG College of Arts and Science under the supervision of Dr. R. Sarala MCA., M.Phil., Ph.D Head, Department of Software Systems.

Place: Coimbatore.  
Date: 10.11.2023



R. U. U. 10/11/23  
Signature of the Guide

R. U. U. 10/11/23  
Signature of the HoD

VIVA-VOCE examination held on 15.11.2023

R. U. U. 15/11/23  
Internal Examiner

W. K. K. 15/11/2023  
External Examiner



Date: Nov 4th 2023.

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **ABIRAMASUNDARI C** - (Reg.NO: 2032J0001) pursues (IVth year of M.SC. SOFTWARE SYSTEMS ) student of **KG COLLEGE OF ARTS AND SCIENCE, COIMBATORE**, has successfully completed her project in our organization on the topic "**TRAFFIC PREDICTION**" in our concern during the period June 2023 to October 2023.



Inway Communications

No.301, Businessle, 3rd Floor, Kalyan Sarees, 5th St Extn, Gandhipuram, Coimbatore - 641012, Tamilnadu, India.  
Telephone: 98437 20001 | Landline: 0422 436 23 23 | Email: sales@inwayhosting.com | Website: www.inway.in

## CERTIFICATE

This is to certify that the project entitled " Social Media Spam Detection " submitted to Bharathiar University, in partial fulfilment for the award of degree of Master of Software Systems is a record of original work done by **Balamurugan, M (Reg. No.2032.J0003)** during the period of study in KG College of Arts and Science under the supervision of **Ms. M. Kavitha., M.Sc., M.Phil., (Ph.D)**, Assistant Professor, Department of Software Systems.

Place: Coimbatore.

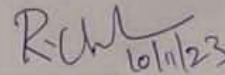
Date: 09.11.2023



Signature of the Guide

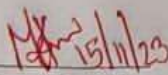


College Seal

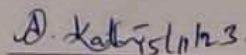


Signature of the HoD

VIVA -VOCE examination held on: 15.11.2023



Internal Examiner



External Examiner

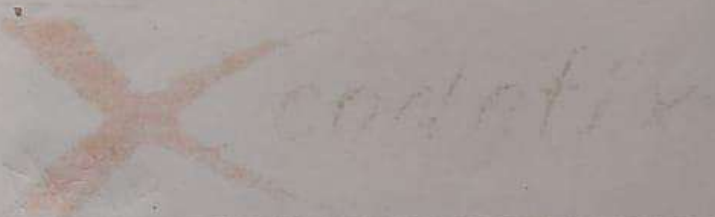


Xcodefix IT Solutions

4th November, 2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. BALAMURUGAN M(2032j00003) the student of KG College of Arts and Science, Coimbatore studying M.Sc. Software Systems has successfully completed his Project in the title of "SOCIAL MEDIA SPAM DETECTION" from 15<sup>th</sup> June 2023 to 25<sup>th</sup> October 2023 at Xcodefix IT Solutions India Pvt Ltd, Coimbatore.



Office Address: 9/5, Subramaniam Road, Opp to Corporation Boys High School,  
Ramanathapuram

**For XCodeFix IT Solutions India Pvt Ltd**



Mr. V. GOBINATH,

HR Manager.

Office Address: 9/5, Subramaniam Road, Opp to Corporation Boys High School,  
Ramanathapuram, Coimbatore - 641 045.

**CERTIFICATE**

This is to certify that the project entitled "IMAGE FORGERY DETECTION USING SIFT MODEL," submitted to Bharathiar University, in partial fulfillment for the award of degree of Master of Software Systems is a record of original work done by **DIVYA.R** [Reg. No. 1932J0003] during the period of study in KG College of Arts and Science under the supervision of Mrs.M.KAVITHA M.Sc.,M.Phil.,(Ph.D) Department of Software Systems (PG).

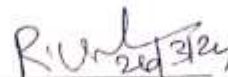
Place: Coimbatore.

Date: 22-03-2024



  
 Signature of the Guide

College Seal

  
 Signature of the HoD

VIVA-VOCE examination held on: 28-03-2024

  
 Internal Examiner

  
 External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.AFRIN BEGUM.S [1932J0001] currently pursuing V M.Sc. Software Systems has carried out the work entitled on “Fire Detection Using CNN Method” in our concern the period of (December 2023 to March 2024) during that period, her performance was appreciable.

A circular purple stamp with the text 'INTECH DIGITAL SOLUTIONS' around the perimeter and 'CBE' in the center. A handwritten signature in black ink is written over the stamp.

AUTHORIZED SIGNATURE

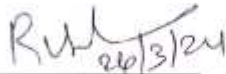
13/9, Dhanalakshmi Nagar Extension, Siddhapudur, Coimbatore - 641 044.

Ph. 7094571148, Website: [www.intechdigitalads.com](http://www.intechdigitalads.com)

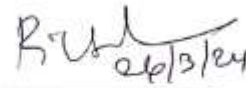
**CERTIFICATE**

This is to certify that the project entitled "**FIRE DETECTION USING CNN**" submitted to Bharathiar University, in partial fulfillment for the award of degree of Master of Software Systems is a record of original work done by **AFRIN BEGUM.S (Reg. No. 1932J0001)** during the period of study in KG College of Arts and Science under the supervision of **Dr.Sarala MCA.,Mphil.,ph.D** Department of Software Systems.

Place: Coimbatore.

Date: 26/3/24

Signature of the Guide



Signature of the HoD

VIVA-VOCE examination held on: 28.03.2024

Internal Examiner



External Examiner



# Teplar Solutions

Business Intelligence and Software Development Company

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.DIVYA.R [1932J0003] currently pursuing V M.Sc. Software Systems has carried out the work entitled on "Image Forgery Detection Using SIFT Model" in our concern the period of (December 2023 to March 2024) during that period, her performance was appreciable.



AUTHORIZED SIGNATURE

125 A, DB Road, Cornor of East Venkatasamy Road, RS Puram, Coimbatore-641002.

Contact No: +91-9942385652. [www.teplarsolutions.in](http://www.teplarsolutions.in) . Email: [teplarsolutionscbe@outlook.com](mailto:teplarsolutionscbe@outlook.com).

Name of the Programme : M.Sc. Computer Science

**Fantasy Solution**

FWwi-P...



Date: 28-03-2024

To

Head Of The Department,  
Department of Computer Science,  
KG college of arts and science,  
Coimbatore-641035.

Sir,

Sub: M.Sc (Computer Science) Final Year Project- Confirmation

This is to certify that **S. ANISHKUMAR** bearing **Reg.No:2232k0389** of **KG COLLEGE OF ARTS AND SCIENCE** has been doing final year project work in the title "**COMPUTER VISION BASED METHOD FOR PERSONALIZED AND COST EFFECTIVE DETECTION OF ALZHEIMER'S DISEASE.**" in our organization during the period of **January 2024 to March 2024.**

Platform: PYTHON/ MYSQL



N.

Authorize e

(With Seal)

:6 Samnath Plaza, 3rd Floor, Melapudur, Trichy - 620 001.

Phy: 9431-4250535 | Mob: 90430 95535

Jantasysolution.in | info@fantasysolution.in

**CERTIFICATE**

This is to certify that the project entitled "**MICRO-ORGANISM IMAGE CLASSIFICATION**" submitted to Bharathiar University, in partial fulfillment for the award of degree Master of Computer Science is a record or original work done by **ASHJK.J** !Reg. No. **2232K03901** during the period of study in KG College of Arts and Science under the supervision of **Dr.M.KAVITHA, M.Sc.,M.Phil.,(Ph.D)** Department of Computer Science (PG).


Place: Coimbatore.  
Date: 21-03-24

  
Signature of the Guide



  
Signature of the HoD


viva-VOCE examination held on: 28/3/24

  
Internal Examiner

  
External Examiner

**Internships**

Name of the Department: BBA



**Cleaarer Tex**

MOB : 90470-10102  
MOB : 98428-87216  
GSTIN : 33ADOPT8370R2ZE

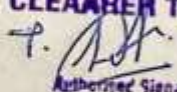
T.S.29,sidco industrial estate.,Near Bsnl Telephone Exchange., Pollachi main road., Coimbatore 032.  
[cleaarertex.cbe@gmail.com](mailto:cleaarertex.cbe@gmail.com) | [www.cleaarertex.com](http://www.cleaarertex.com)

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15-06-24

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **B.B. ANANDHA SHREE (2225F04)** pursuing II year **BBA** from **KG COLLEGE OF ARTS AND SCIENCE** has completed her one month Training in the scheduled period of **(16.04.2024-11.05.2024)**. In this training she has learnt a lot and trained well. She has completed her training without fail as per observation record. The details of work are given in the observation record.

For **CLEAARER TEX**  
  
Authorized Signatory

---


**RUBBER GENERAL INDUSTRIES  
INDIA PRIVATE LIMITED**CIN No. U25190TZ2012PTC018141  
GSTIN : 33AAF08242K1Z66, KARADIPALLAM ROAD, OTTUPATTARAI POST OFFICE, COONOOR - 643 105, THE NILGIRIS, TAMIL NADU.  
PHONE : +91 423 220 7981, FAX : +91 423 220 6881, E-MAIL : office@rgipl.co Website : www.rgipl.co11<sup>th</sup> May 2024**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, Miss. **ABSHA BANU M** (Reg No : 2225F02) Third year student of **BBA** studying in **KG COLLEGE OF ARTS & SCIENCE, Coimbatore**, had undergone her **Institutional Training** in our Organization from **22<sup>nd</sup> April 2024 to 10<sup>th</sup> May 2024**.

She displayed a positive attitude and maintained a high level of professionalism throughout the training period. She completed assigned tasks within the given time frame.

For **RUBBER GENERAL INDUSTRIES INDIA PVT LTD****AUTHORISED SIGNATORY**

GST : 33ABGFR0486G1Z8

The logo for Red Sky Automation features a stylized yellow sun rising over a red horizon. Below the sun, the words "RED SKY" are written in a bold, white, sans-serif font.

+ 91 98433 32042, 98433 32043

info.redskyautomation@gmail.com

SAHANA SALT MANUFACTURER  
11/623,SAHAYA MATHA PATTINAM 5<sup>TH</sup>ST,  
MAPPILLAIYOORANI PUNJAYAT,  
TUTICORIN -628002.  
Mob:+91-9894843707

**TO WHOMSOEVER IT MAT CONCERN**

This is to certify that Ms.T.ANTONY JERCILLIN (Roll No: 2225F05)  
BBA student of KG COLLEGE OF ARTS AND SCIENCE,  
COIMBATORE. Has Internship Training in our company for the period from  
25/04/2024 to 17/05/2024 and successfully completed the training.

During the training period her character and conduct was very good.

For SAHANA SALT MANUFACTURER

For SAHANA SALT  
  
PARTNERS  
Partners

**Field Work****Name of the Department: B.Com. PA****KG COLLEGE OF ARTS AND SCIENCE**

Affiliated To Bharathiar University

Accredited by NAAC

ISO 9001:2015 Certified Institution

KGISL Campus, Coimbatore - 641 035

**CASE STUDY – REPORT**

Academic year : 2023 - 2024  
Programme name : B. COM PA(A)  
Programme code : 2AK  
Course name : COMPANY LAW  
Course code : 33D  
Semester : III  
Batch & section : 2023  
Submitted by :

Roll. No.	Name Of The Student
222AKA18	HARSINI L K
222AKA19	JANANI SHRI K
222AKA20	JOSHIKAA S
222AKA21	KALAI SELVI K

Faculty coordinator

With designation : MS. KOWSALYA DEVI G

Faculty Member, Department of professional

accounting.

Date of Submission

Faculty signature:

HOD signature:

# Corporate and commercial law

## Introduction:

In this part, we focus on three main topics: business organizations, business financing, and governmental regulation. Knowledge of this study will enable us to:

- Describe the rights, duties, and liability of partners in a partnership.
- Understand the key characteristics of limited liability business entities like corporations and LLCs.
- Understand the process by which banks lend money to, and collect money from, businesses.
- Determine the rules to be followed when pledging personal property as collateral for a loan.
- Identify the key differences in each type of bankruptcy and how the bankruptcy process works.
- Describe the process by which an administrative agency makes rules.
- List the most important agency regulatory actions of the FTC, CFPB, FDA, and EPA
- Understand the government's concern in regulating anti-competitive behavior and the key prohibitions of antitrust laws.
- Know the basic rules that apply to the initial sale and subsequent trading of securities.

## Definition:

Corporate can be defined as, "**Corporate law** is the body of law governing the rights, relations, and conduct of persons, companies, organizations and businesses."

Commercial law can be defined as, "**the body of law that applies to the rights, relations, and conduct of persons and business engaged in commerce, merchandising, trade, and sales.**"

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## **Key concepts**

### **Business Organizations**

- Sole proprietorship
- General partnership, limited partnership, limited liability partnership, limited liability limited partnership
- Corporation
- Shareholders, directors, and officers
- Limited liability companies

### **Debtor-Creditor Relationships**

- Sureties and guarantors
- Judgments, liens, and garnishments
- Bonds and debentures
- Secured and unsecured debt

### **Regulation Part I: Foundations, Consumers, and the Environment**

- Administrative agencies
- The rule-making process
- Administrative courts and administrative law judges
- FTC regulation of commercial activity
- CFPB regulation of financial institutions
- FDA regulation of food, drugs, and cosmetics
- EPA regulation of pollution

### **Regulation Part II: Antitrust and Securities**

- Unilateral, horizontal, and vertical restraints of trade
- Remedies for anticompetitive behavior and exemptions from liability
- Insider trading and short-swing profits

## **Business Organizations:**

### **Sole proprietorship and partnership:**

A sole proprietorship, also known as a sole tradership, individual entrepreneurship, or proprietorship, is a type of enterprise owned and run by one person and in which there is no legal distinction between the owner and the business entity. A sole trader does not necessarily work alone and may employ other people.

The sole trader receives all profits and has unlimited responsibility for all losses and debts. Every asset of the business is owned by the proprietor, and all debts of the business are that of the proprietor; the business is not a separate legal entity. The arrangement is a "sole" proprietorship in contrast with a partnership, which has at least two owners.

A partnership is an arrangement between two or more people to oversee business operations and share its profits and liabilities. In a general partnership company, all members share both profits and liabilities. Professionals like doctors and lawyers often form a limited liability partnership.

### **Rights of Partners:**

- Right to participate in business.
- Right to express opinions.
- Right to access books and accounts.
- Right to share profits.
- Right to be indemnified.
- Right to interest on capital and advances.

### **Duties of partners:**

- General duties: like carrying on the business to the greatest common good, duty to be just and faithful towards each other, rendering true accounts.
- Duty to indemnify for fraud.
- Duty to act diligently.
- Duty to use the firm's property properly.
- Duty to not earn personal profits or to compete.

**Corporate formation:**

corporation is created when it is incorporated by a group of shareholders with a common goal who share ownership represented by their holding of stock shares. Corporations may return a profit to their shareholders.

**Shareholders:**

shareholder is a person, company, or institution that owns at least one share of a company's stock or in a mutual fund. Shareholders essentially own the company, which comes with certain rights and responsibilities.

**Directors:**

director is ordinarily someone appointed to manage a company's business and affairs. Every registered company must have at least one director. Who a company's directors are, and key information about them, is recorded on the Companies Register.

**Debtor-Creditor Relationships:**

A debtor is a person who owes someone else money due to a payment obligation.

A creditor is a person who is owed money due to the payment obligation.

**Bank financing:**

Financing means asking any financial institution (bank, credit union, finance company) or another person to lend you money that you promise to repay at some point in the future. The person who gives the guarantee is called the "surety"; the person in respect of whose default the guarantee is given is called the "principal debtor", and the person to whom the guarantee is given is called the "creditor". A guarantee may be either oral or written. An organization that specializes in debt collection is known as a collection agency or debt collector.

**Debt financing:**

Debt financing is the opposite of equity financing, which entails issuing stock to raise money. Debt financing occurs when a firm sells fixed income products, such as bonds, bills, or notes.

unfair or deceptive acts or practices in or affecting commerce. Seek monetary compensation for consumers impacted by unfair business practices.

### **CFPB regulation of financial activity:**

The CFPB implements and enforces federal consumer financial laws to ensure that all consumers have access to markets for consumer financial products and services that are fair, transparent, and competitive.

### **FDA regulation of food, drugs and cosmetics:**

The Federal Food, Drug, and Cosmetic Act prohibits distribution in the United States, or importation, of articles that are adulterated or misbranded.

### **EPA regulation of pollution:**

The EPA regulates the manufacturing, processing, distribution, and use of chemicals and other pollutants.

## **Regulation Part II: Antitrust and Securities:**

### **Antitrust laws:**

There is a strong policy in favor of increased competition. The theory of it is that the more competition in the market place, the better for consumers. So instead of having one company that dominates a marketplace you want to have lots of companies that compete with each other considering the good for consumers. So United state congress has adopted a series of laws called Antitrust laws that promote competition and prohibit companies from dominating markets.

### **Restraints of trade:**

One company harm competition in the market place by performing Unilateral restraints of trade by first engaging in monopoly, second by price discrimination, and third through tying arrangements.

Horizontal restraints of trade is done by price fixing, division of markets, bid rigging, then by group boycotts.

Vertical restraints of trade is done by resale price maintenance, exclusive dealing agreements, and territory restrictions.

# I ILLINOIS

COURSE  
CERTIFICATE

Aug 26, 2021

**Harsini L K**

has successfully completed

**Corporate & Commercial Law II: Business Forms,  
Financing & Governmental Regulation**

an online course provided through the University of Illinois at Chicago, Chicago, IL, USA, offered through Coursera.



Anil K. Singh  
Dean, Faculty  
Faculty of Law  
University of Illinois at Chicago

University of Illinois at Chicago

# **I** ILLINOIS

COURSE  
CERTIFICATE

Aug 24, 2024

**JananiShri K**

has successfully completed

**Corporate & Commercial Law II: Business Forms,  
Financing & Governmental Regulation**

an online non-credit course authorized by University of Illinois at Chicago Chicago and  
offered through Coursera



Professor [Name]  
Dean of the College  
Department of Business Administration  
University of Illinois at Chicago

UNIVERSITY OF ILLINOIS AT CHICAGO

# I ILLINOIS

COURSE  
CERTIFICATE

Aug 11, 2025

**Joshikaa Subramaniam**

has successfully completed

**Corporate & Commercial Law II: Business Forms,  
Financing & Governmental Regulation**

an online self-paced course authorized by University of Illinois at Urbana-Champaign  
offered through Coursera



A handwritten signature in cursive script.

Official Name  
Title  
Department  
University of Illinois at Urbana-Champaign

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

# I ILLINOIS

COURSE  
CERTIFICATE

Aug 18, 2021

**Kalaiselvi Kulanthaivel**

has successfully completed

**Corporate & Commercial Law II: Business Forms,  
Financing & Governmental Regulation**

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



*[Faint, illegible text]*

<https://coursera.org/verify/45/0721/2ARU>

*[Faint, illegible text]*



Students	Faculty Coordinator	HoD
222AKA18 HARSINI.L.K	}	}
222AKA19 JANANISHRI.K		
222AKA20 JOSHIKAA.S		
222AKA21 KALAISELVI.K		