SOURASHTRA COLLEGE(Autonomous)

DEPARTMENT OF INFORMATION TECHNOLOGY

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY

RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled **"Earthquake Prediction based on Data Mining using ML and DL Tools Approach"** was done by **S.B.AKASH(REG.NO.18UIT008)andT.J.VIGNESH(REG.NO.18UIT020)**in the Department of Information Technology, Sourashtra College under the guidance of **T.S.B.Arunprasanth, M.C.A.,M.M.M.,M.Phil.,** It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on .12.4.2021..

Date: 12-4-2021

External Examiner

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RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled "STOCK MARKET PRODUCTION USING SUPPORT VECTOR MACHINE" was done by S.Naveenchandraprakash(18UIT016) & R.Balaji(REG.NO.18UIT009) in the Department of Information Technology, Sourashtra College under the guidance of Asst.Prof.T.S.B.Arunprasanth M.C.A.,M.M.M.,M.Phil. It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide   **Head of the Department**

Submitted for the VIVA-VOCE examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on ..12.l.4l.2021

Date: 12-4-21   **External Examiner**

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PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"AGE & GENDER PREDICTION ON FACIAL IMAGES USING DEEP PYTHON"** was done by **B.MUTHUSELVAM (18UIT015)** and **S.BHARATH (18UIT010) in** the Department of Information Technology Sourashtra College under the guidance of **Asst.Prof.T.S.B.Arunprasanth, M.C.A.,M.M.M., M.Phil.,**

It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide

T.S.B.ArunPrasan

Head of the Department

Submitted for the VIVA-VOICE examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on ..12./.04./.2021

T.S.B.ArunPrasan

External Examiner

Date: 12 / 04 / 2021

DEPARTMENT OF INFORMATION TECHNOLOGY

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RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled **"DRIVER DROWSINESS DETECTION USING PYTHON"** was done by **R.B.Hamsaraj Prabu(18UIT011)** and **J.B.Vishnu Kumar(18UIT021)** in the Department of Information Technology, Sourashtra College under the guidance of Asst.Prof.**R.P.Umadevi B.E.,M.B.A.**It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on 18/04/2021

Date: 12/04/2021   **External Examiner**

DEPARTMENT OF INFORMATION TECHNOLOGY

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PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"An Optimized Mining Algorithm for Analyzing Students' Learning Degree Based on Dynamic Data"** was done by **K.SATHIYA PRIYA (18UIT003) and K.ANANTHI (18UIT001)** in the Department of Information Technology Sourashtra College under the guidance of **Asst. Prof.S.E.Hemapriya M.Sc.,M.Phil.,**

It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide   **Head of the Department**

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Date: 12/04/2021   **External Examiner**

DEPARTMENT OF INFORMATION TECHNOLOGY

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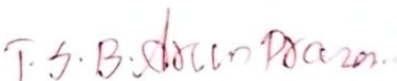### PASUMALAI, MADURAI-625004

2018-2021

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled **"INDIA LICENSE PLATE RECOGNITION USING GENERISED CHARACTERS SEQUENCE DETECTION"** was done by **U.RESHMA (18UIT002) J.VAISHNAVI (18UIT004)** in the Department of Information Technology Sourashtra College under the guidance of **Asst. Prof. R.P.UMADEVI B.E.,M.B.A.,**

It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.
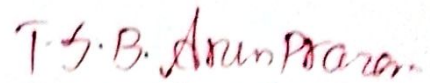
Internal Guide

Head of the Department

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Date: 12.04.21

External Examiner

SOURASHTRA COLLEGE(Autonomous)

DEPARTMENT OF INFORMATION TECHNOLOGY

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY

RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"IMAGE CAPTIONING BASED ON DEEP NEURAL NETWORKS"** was done by **V.M.Aburvan (REG.NO.18UIT005)** and **P.R.Karthick(REG.NO.18UIT014)** in the Department of Information Technology Sourashtra College under the guidance of **Asst.Prof.R.P.Umadevi B.E.,M.B.A.,**

It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on ...12./.4./2021
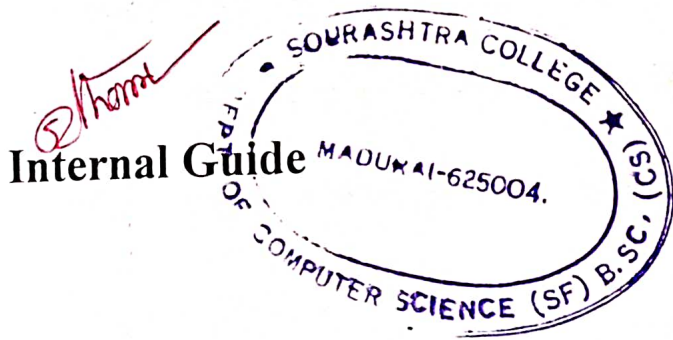
Date: 12/4/2021

External Examiner

SOURASHTRA COLLEGE(Autonomous)

DEPARTMENT OF INFORMATION TECHNOLOGY

(AFFILIATED TO MADURAI KAMARAJ UNIVERSITY

RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"DISEASE PREDICTION VIA GRAPH NEURAL NETWORK"** was done by **G.AJAY KUMAR (REG.NO.18UIT006) and R.L.SANTHOSH KUMAR (REG.NO.18UIT019)** in the Department of Information Technology, Sourashtra College under the guidance of **Asst.prof.R.P.Umadevi B.E.,M.B.A.,**It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on ...12.14.2021

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Date: 12.4.21

DEPARTMENT OF INFORMATION TECHNOLOGY

SOURASHTRA COLLEGE(Autonomous)

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RE-ACCREDITED BY NAAC WITH 'B+' GRADE)

PASUMALAI, MADURAI-625004

2018-2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"TEXT BASED CHAT BOT ASSISTED HEALTH COACHING SYSTEM "**was done by **S.SAKTHIKANNA(REG.NO.18UIT023)&M.PREMKUMAR(18UIT017)**in the Department of Information Technology Sourashtra College under the guidance of **Asst.Prof.S.E.HEMAPRIYA M.Sc,M.Phil.,**

It is submitted in partial fulfilment of requirement of Sourashtra College for the Degree of Bachelor of Science in Information Technology during the year JUNE 2018-APRIL 2021.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination held in the department of Information Technology of **Madurai Kamaraj University** at **Sourashtra College** held on . | 2 . | 04 . | 2021 ...

Date: 12 | 04 | 2021

External Examiner

ii

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE SCRUTINY LAB REPORTING SYSTEM"** was done by **R.S. HARNI (18UCS103)** of the Department of Computer Science (SF),Sourashtra College (Autonomous) under the guidance of our Asst. Prof.**J.R.Nathan MCA., MBA., M.Phil.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .12./04./2021

Date: 12/04/2021

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"Multi-banking system"** was done by **KS.Gayathri, 18UCS101** and **V.Jeevitha, 18UCS105** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **K.RThanikasalam,MCA.,M.Phil.,MBA.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.
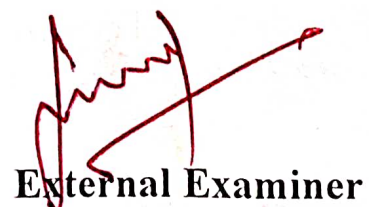
Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the Department of Computer Science (SF) of **Madurai Kamaraj University** at **Sourashtra College (Autonomous)** held on ...12/04/2021
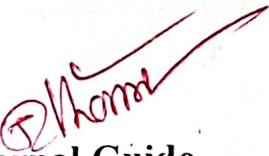
Date: 12/04/2021   **External Examiner**

BONAFIDE CERTIFICATE
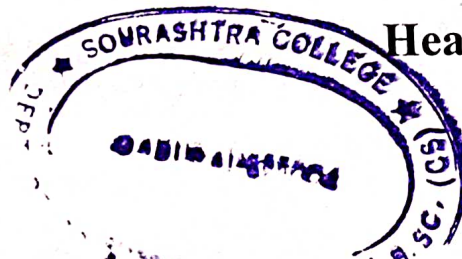
This is to certify that the project entitled "**SUPPORTING MULTI DATA STORE USING APPLICATION IN CLOUD ENVIRONMENTS**" was done by **N.R.ISHWARYA LAKSHMI-18UCS104 and K.GOMATHI-18UCS102** of the Department of Computer Science, Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA,P.hD**.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide
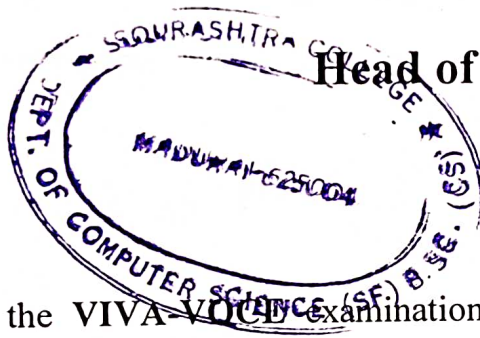
Head of the Department

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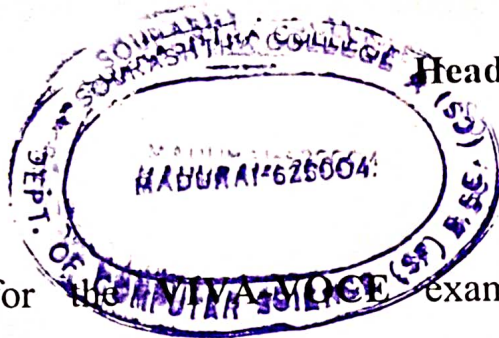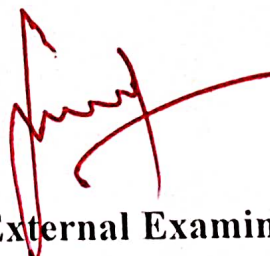
Date:12/04/2021

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled " E-Management of tollgate and vehicle tracking system"was done by M.Rooba, 18UCS106 and G.Shanthi, 18UCS108 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of J.R.Nathan ,MCA., MBA. M.Phil.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018-2021.

Internal Guide   **Head of the Department**

Submitted for the VIVA-VOCE examination of Madurai Kamaraj University, in the Department of Computer Science (SF)Sourashtra College (Autonomous) held on 12.4.2021

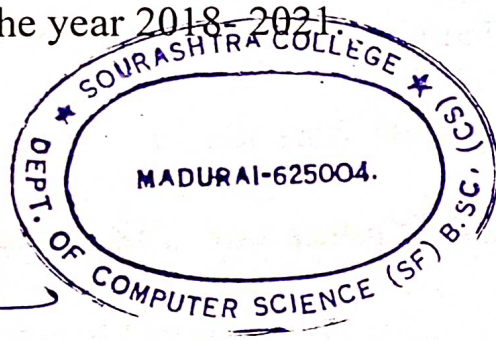Date: 12.04-2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Knowledge Builder**" was done by **K.G.Rooba Sakthi, 18UCS107 and T.S.Sridevi, 18UCS109** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA, P.hD.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018-2021.

Internal Guide

Head of the Department

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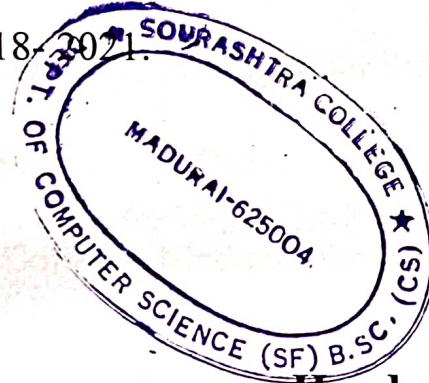
External Examiner

Date: 12.04.2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**ONLINE LAW**" was done by **M.AAKASH, 18UCS110 and S.K.SATHISH KUMAR, 18UCS141** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **K.R.Thanikasalam, MCA., M.Phil., MBA.,**
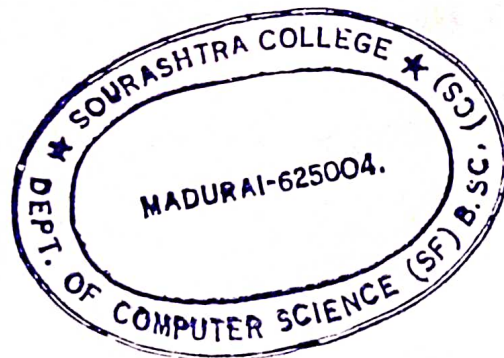
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Internal Guide   **Head of the Department**

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Date: 12.04.2021.   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE BANKING WITH OTP SECURITY" was done by **M. AJAY SHARMA, 18UCS111 and K.S.PRASANNA, 18UCS135 of the** Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Asst. Prof. Mr. K.R. THANIKASALAM, M.C.A., M.B.A., M.Phil.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

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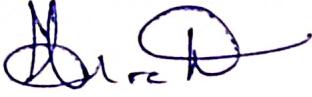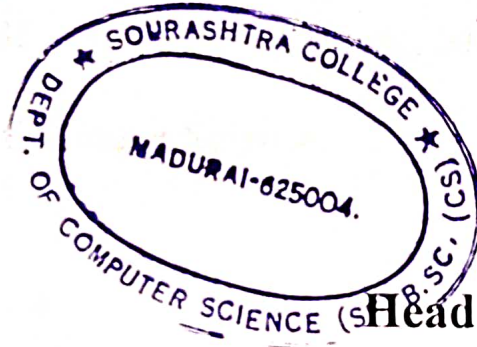Date: 12/04/2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EXAM HALL SEATING AUTOMATION" was done by **T.N. Ashwin Kumar, 18UCS115 and P.Vijayakumar, 18UCS145** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA, P.hD.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of the **Bachelor Degree of Computer Science** during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) Sourashtra College (Autonomous) held on ..!2..04..2021.
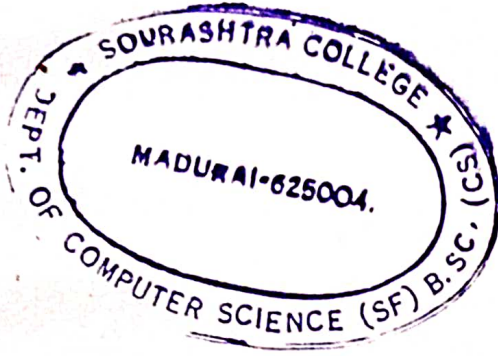
Date: 12.04.2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Online eye testing and optical management System" was done by **T.Ganapathy Siva Subramani(18UCS119)** of the Department of Computer Science(SF) Sourashtra College (Autonomous) under the guidance of **Asst. Prof. J.R.NATHAN M.C.A.,M.B.A.,M.Phil.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide

Head of the Department

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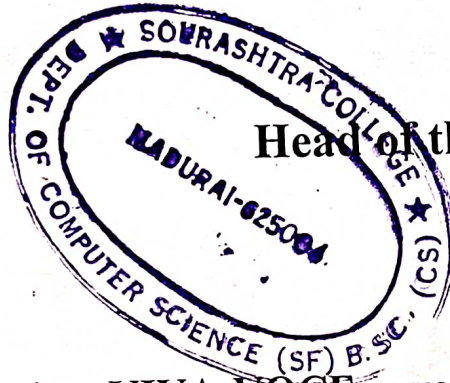
Date: 12.04.2021

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Bus Seat Allocation System**" was done by **S.Gowtham (18UCS120) and D.Madhan Kumar(18UCS129)** of the Department of Computer Science(SF), Sourashtra College (Autonomous) under the guidance of **Mr.K.R.Thanikasalam M.C.A., M.Phil., M.B.A.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

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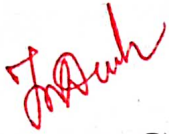
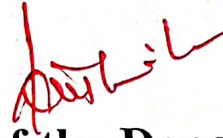Date: 12|04|2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"SEARCH ENGINE"** was done by **T.K.Jeevan Kumar (18UCS121)** and **M.D.Kishore Kumar (18UCS128)** of the Department of Computer science (SF) Sourashtra College (Autonomous) under the guidance of **Asst. Prof .T.N. Dinesh M.C.A.,M.Phil.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.
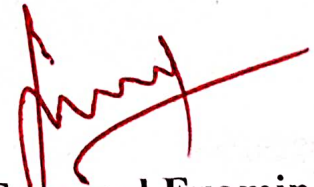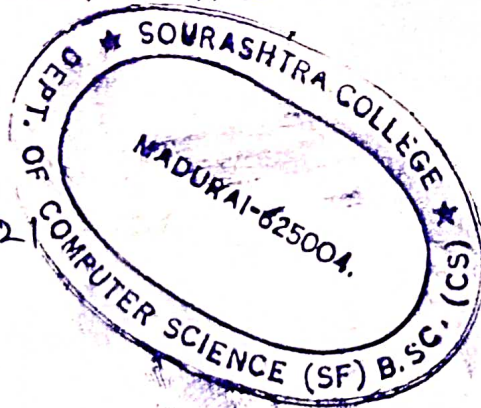
Internal Guide   **Head of the Department**

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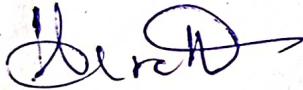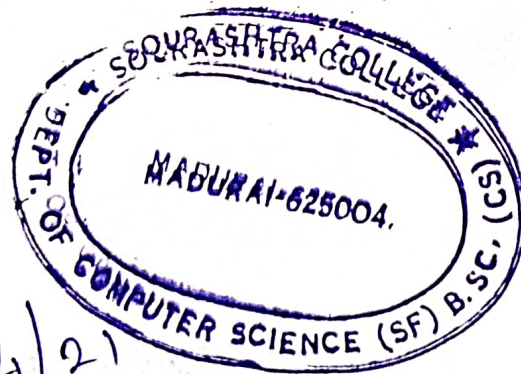Date: 12|04|2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Online Movie Ticket Booking System**"was done by **R.R.Karthick,18UCS123and N.C.ArunKumar, 18UCS114**of the Department of Computer Science(SF) Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA,P.hD.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirementsfor the award of Degree ofComputer Science during the year 2018- 2021.
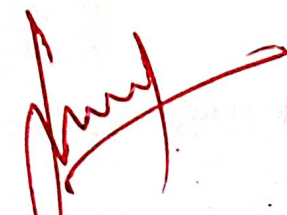
Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examinationof Madurai Kamaraj University, in the Department of Computer Science (SF)**Sourashtra College (Autonomous)** held on 12/04/2021...

Date: 12/4/21

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "E-Voting System" was done by **S.J.Karthick, 18UCS124 and P.Jeyasurya, 18UCS122** of the Department of Computer Science (SF) Sourashtra College (Autonomous) under the guidance of **Mr.T.N.DINESH M.C.A.,M.Phil.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.
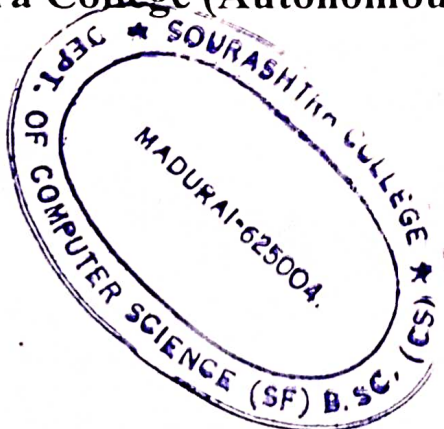
Internal Guide   **Head of the Department**

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Date: 12.04.2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Security management system" was done by N.A.Nagarajan (18UCS134) and G.Karthikeyan (18UCS125) of the Department of Computer science (SF) Sourashtra College (Autonomous) under the guidance of Asst. Prof .T.N. Dinesh M.C.A.,M.Phil.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.
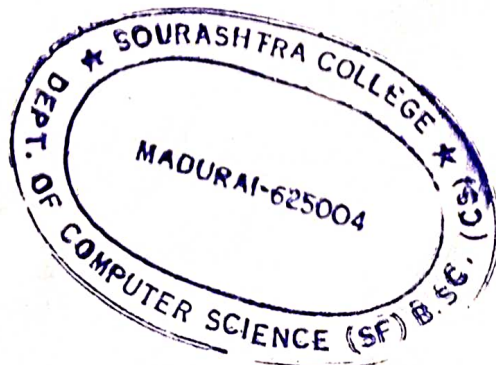
Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of Madurai Kamaraj University, in the Department of Computer Science (SF)Sourashtra College (Autonomous) held on ...12:04:2021

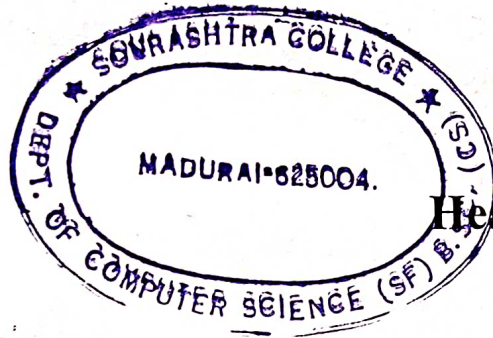Date: 12-04-2021   External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Credit Card Fraud Detection Hidden Using Markov Model" was done by **R.Kishor Kumar, 18UCS127 and M.Muthumani, 18UCS132** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Asst.Prof.J.R.Nathan, MCA., MBA., M.Phill.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the Department of Computer Science (SF) of **Madurai Kamaraj University** at **Sourashtra College (Autonomous)** held on .12.|.04.|.21.|

External Examiner

Date: 12|04|21

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE MATRIMONY"was done byR.Mugunthan(18UCS131) and R.Rishikumar(18UCS138) of the Department of Computerscience (SF) Sourashtra College (Autonomous) under the guidance of **Mr.T.N.Dinesh M.C.A.,M.Phil.,**

It is submitted to Sourashtracollege (Autonomous),in partial fulfillment of the requirement for theaward Degree of computerScience during the year 2018-2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examinationof **Madurai**

KamarajUniversity, in the Department of computer science(SF)Sourashtra

College (Autonomous)held on ..12.04.2021

External Examiner

Date: 12/04/2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Online Room Booking Management System" was done by R.Nagalingaraja (18UCS133)And M.Thalamuthu (18UCS143) of the Department of Computer Science(SF) Sourashtra College (Autonomous) under the guidance of Mr. Asst.Prof. T.N.Dinesh M.C.A.,M.Phil.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   Head of the Department

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) Sourashtra College (Autonomous) held on ..12/.04./2021
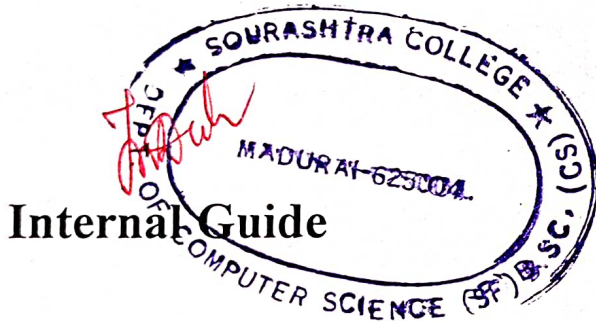
Date: 12/04/2021

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE BAKERY SHOP SYSTEM"** was done by **S.RAJA, 18UCS136** and **R. MARIGANESH, 18UCS130** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Asst. Prof. Mr. T.N.DINESH, M.C.A., M.Phil.,**
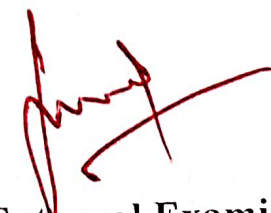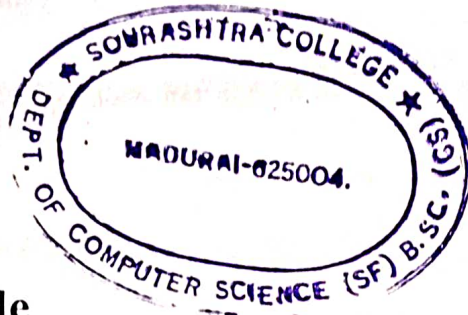
It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the Department of Computer Science (SF). of **Madurai Kamaraj University** at **Sourashtra College (Autonomous)** held on ..12.04.2021...
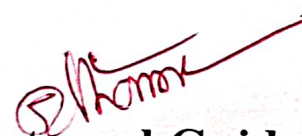
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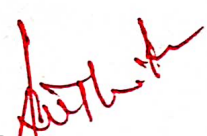
External Examiner
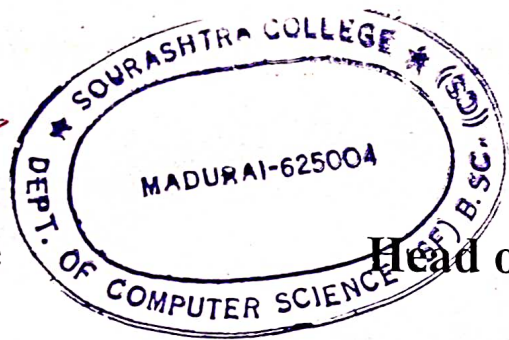
BONAFIDE CERTIFICATE

This is to certify that the project entitled "Web Based Recruitment Management System" was done by A.V.Ranjith Kumar (18UCS137) and C.Dineshvasan(18UCS118) of the Department of Computer Science(SF) Sourashtra College (Autonomous) under the guidance of Asst.Prof.J.R.NATHAN M.C.A.,M.B.A.,M.Phil.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ...12..04. 2021

Date: 12 . 04 . 2021   External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "MONITORING THE PAYMENT OF COLLEGE FEES SYSTEM" was done by R.SATHISHKUMAR, 18UCS140 and J.YESUDASS, 18UCS148 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA, P.hD**.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of Degree of Computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination held in the Department of Computer Science (SF). of **Madurai Kamaraj University** at **Sourashtra College (Autonomous)** held on ....

External Examiner

Date: 12/04/2021

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE SHOPPING CART" was done by **K.N.Sheerapthinath (18UCS142)** And **R.K.Venkatesh (18UCS144)** of the Department of Computer science (SF) Sourashtra College (Autonomous) under the guidance of **Asst.prof.J.R.Nathan, M.C.A.,M.B.A.,M.Phil.**

It is submitted to Sourashtra college (Autonomous), in partial fulfillment of the requirement for the award Degree of computer Science during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of computer science(SF) Sourashtra College (Autonomous) held on .12/04/2021
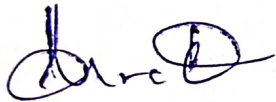
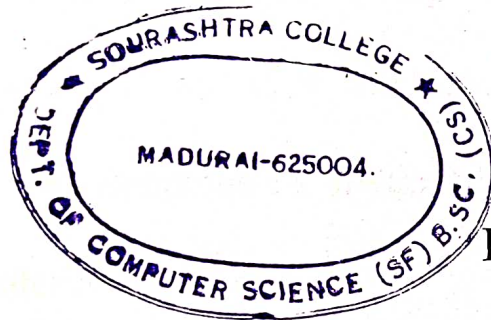Date: 12/04/2021   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"SPORTS CLUBMANAGEMENT"** was done by **J.B.Vishnukumar,18UCS146 and N.J. Vishnuvardhan,18UCS147 of the** Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.K.Anuratha MCA, P.hD.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of the **BachelorDegree of Computer Science** during the year 2018- 2021.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examinationof **Madurai Kamaraj University,** in the Department of Computer Science (SF)Sourashtra College (Autonomous) held on ..!2.l0.4.l2.1..
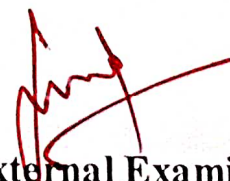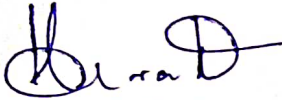
Date: 12l04l21   **External Examiner**

SOURASHTRA COLLEGE (AUTONOMOUS) :: MADURAI
DEPARTMENT OF COMPUTER APPLICATIONS (BCA)
PROJECT WITH INSTITUTE UNDER MOU
(2020-21)   *Duration - 6 Months*

S.No.	REG.NO	NAME	Project Title
1	18UCA001	KEERTHANA	Deep Mining External Imperfect Data for chest X-ray Disease Screening
2	18UCA002	PRIYADHARSHINI S.	Deep Mining External Imperfect Data for chest X-ray Disease Screening
3	18UCA003	SHANMUGA PRIYA K.	Madura disease prediction using red blood cell images in python
4	18UCA004	AATHEESWARAN E.	Disease prediction via Graphic Neural Networks
5	18UCA005	BALASASTY T.S.	Traffic signs Detection and classification for European urban Environment
6	18UCA006	DEEPANCHAKARAVARTHY V.	Madura disease prediction using red blood cell images in python
7	18UCA007	HARIBALAJI V.	Cyberbulling detection in social media using supervised ML and NLP Techniques
8	18UCA008	JEYAKRISHNAN N.	Cyberbulling detection in social media using supervised ML and NLP Techniques
9	18UCA009	KAVIYARASAN R.	DDos Attack detection using machine learning techniques in cloud computing environment
10	18UCA010	MANIKANDAN G.	Heart Disease Identification Method using Machine Learning Classification in E-
11	18UCA011	MANIKANDAN R.	DDos Attack detection using machine learning techniques in cloud computing environment
12	18UCA012	MUTHUKUMAR G.	Using data Mining Techniques to predict student performance to support decision
13	18UCA013	NAVEENKUMAR S.J.	Data mining Algorithm for cloud network based on Artificial intelligence decession
14	18UCA014	PRAVEEN KUMAR T.G.	Traffic signs Detection and classification for European urban Environment
15	18UCA015	SANTHOSH K.	Time series database preprocessing for Data mining using python
16	18UCA016	SANTHOSH V.R.	Heart Disease Identification Method using Machine Learning Classification in E-
17	18UCA017	VENKATESHWARAN K.R.	Using data Mining Techniques to predict student performance to support decision
18	18UCA018	VISHNUKUMAR R.S.M.	Data mining Algorithm for cloud network based on Artificial intelligence decession
19	18UCA019	YOGESHWARAN S.	Time series database preprocessing for Data mining using python

STAFF-INCHARGE   H.O.D   PRINCIPAL

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE WEDDING PLANNER"** in the bmonafide record work done by **R. EZHIL RANI** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.

The project will be submitted for the Viva-Voce Examination held on 7/6/2022

Project Guide

Head of the department

Internal Examiner

External Examiner

April -2022

SOURASHTRA COLLEGE(AUTONOMOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**CROP YIELD PREDICTION USING DEEP LEARNING ALGORITHM**"   bonafide record work done by **B.SURYA PRAKASH, N. THANGAVELMURUGAN** in partial fulfilment of the requirement for the award of the   B.Sc.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on
07.06.2022

Project Guide

Head of the department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE DOCUMENT SHARING"** in the bonafide record work done by **K.POOJA** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.

The project will be submitted for the Viva-Voce Examination held on 7/6/2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "ONLINE GST BILLING SYSTEM" in bonafide record work done by K.S.SHALINI in partial fulfilment of the requirement for the award of the B.Sc.(Information Technology) of SOURASHTRA COLLEGE.

The project will be submitted for the Viva-Voce Examination held on

07.06.2022

Project Guide

Head of the department

Internal Examiner

External Examiner

3

SOURASHTRA COLLEGE(AUTONOMOUS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"EXAMINING SUCCESSFUL ATTRIBUTE FOR STUDENT BY UNDERGRADUATE BY MACHINE LEARNING TECHNIQUE"** bonafide record work done by **M.PANDI ABIRAMI** in partial fulfilment of the requirement for the award of the B.Sc.,(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on 07.06.2022

Project Guide

Internal Examiner

Head of the department

External Examiner

SOURASHTRA COLLEGE(AUTONOMOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE EXAMINATION SYSTEM"** bonafide record work done by **P.S.NAGA NANDHINI** in partial fulfilment of the requirement for the award of the   B.SC.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on

07.06.2022

Project Guide
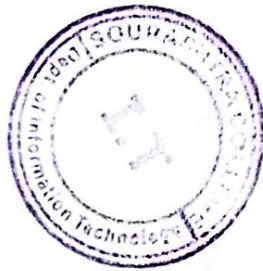
Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE
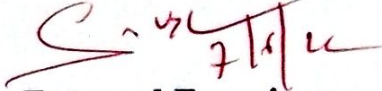
This is to certify that the project work entitled **"RATING PREDICTION OF GOOGLE PLAY STORE APPS WITH APPLICATION OF DATA MINING TECHNIQUES"** in the bonafide record work done by **K.B.RAMVIGNESH & M.J.KUMARESH** in partial fulfillment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.

The project will be submitted for the Viva-Voce Examination held on
07 - 06 . 2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOMOUMS)
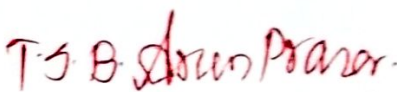
MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**FORECASTING FLIGHT DELAYS PREDICTION USING MACHINE LEARNING MODELS**" bonafide record work done by **P.R.MADHAN BABU AND M.U.NAVEENTHIRAN** in partial fulfilment of the requirement for the award of the B.SC.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on 07|06|2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "ONLINE CAKE ORDERING SYSTEM" in bonafide record work done by M.SRIDHAR in partial fulfilment of the requirement for the award of the B.Sc.(Information Technology) of SOURASHTRA COLLEGE.

The project will be submitted for the Viva-Voce Examination held on 7/6/2022

Project Guide

Head of the department

Internal Examiner

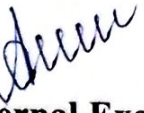**External Examiner**

SOURASHTRA COLLEGE(AUTONOMOUS)

MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"PREDICTION OF FOOTBALL** AYER USING MACHINE LEARNING ALGORITHM PERFORMANCE" afide record work done by **K.AJITH KUMAR and A.RANJITH KUMAR** in partial ilment of the requirement for the award of the B.Sc.(INFORMATION TECHNOLOGY) SOURASHTRA COLLLEGE.

project will be submitted for the Viva-Voce Examination held on ___07.06.2022___

Project Guide

T·S·B· Anin Prara··
Head of the department

Internal Examiner

S·U> 7/6/2
External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"EMPLOYEE LEAVE MANAGEMENT SYSTEM"** in the bonafide record work done by **M.YOGALAKSHMI** in partial fulfilment of the requirement for the award of the **B.SC. (INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.

The project will be submitted for the Viva-Voce Examination held on

1.6.2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled   "**Credit Card Fraud Detection Using Machine Learning & Deep Learning Algorithm**" in the bonafide record work done by **M.V.VISHNU KUMAR & S.BALAJI** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE.**

The project will be submitted for the Viva-Voce Examination held on ___7/6/22___

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"PREDICTION OF AIR POLLUTION USING MACHINE LEARNING"** in the bonafide record work done by **A.PREM** and **M. SAMBAMOORTHI** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.

The project will be submitted for the Viva-Voce Examination held on

7.06.2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOMOUS)

MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"COVID-19 PATIENT COUNT PREDICTION USING LSTM"** bonafide record work done by .Yasmin in partial fulfilment of the Requirement for the award of the .Sc.,(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on 01·06·2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOMOUS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE BOOK STORE BY DJANGO TECHNIQUE"** bonafide record work done by J.S.Yuvarani in partial fulfilment of the requirement for the award of the B.Sc.,(INFORMATION TECHNOLOGY) of SOURASHTRA COLLLEGE.

The project will be submitted for the Viva-Voce Examination held on 07.06.2022

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE FOOD ORDERING SYSTEM"** in the bonafide record work done by A.N.KARTHIKEYAN in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE.**

The project will be submitted for the Viva-Voce Examination held on

7/6/22

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE(AUTONOUMS)

MADUARAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"SOCIAL MEDIA LIKE FACEBOOK"** in the bonafide record work done by **J.KANCHANA** in partial fulfillment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY)** of **SOURASHTRA COLLLEGE**.
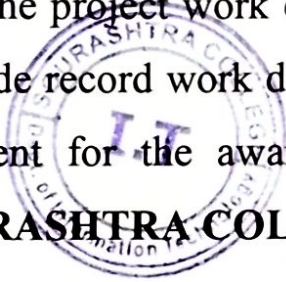
The project will be submitted for the Viva-Voce Examination held on __7.6.22__

Project Guide

Head of the department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"FOREST FIRE DETECTION USING MACHINE LEARNING"** was done by **M. AJAY (19UCS110 And K. HARI VIGNESH (19UCS118)**

of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr.K.R.ThanikasalamMCA.,M.Phil.,MBA.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of Madurai Kamaraj University,

in the Department of Computer Science (SF) **Sourashtra**

College (Autonomous) held on ..07/06/2022

Date: 07/06/2022

p-Suriyakab~
External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled " *Crop Yield Prediction Using Deep Learning Algorithm* " was done by M.AKILESH KUMAR -19UCS112

and G.VIGNESHWARAN-19UCS150 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr.T.N.DINESH MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.
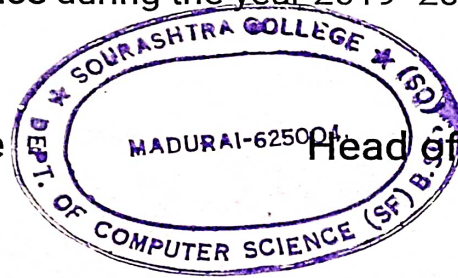
Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .7-6-22.

Date: **External Examiner**

Edit with WPS Office

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**WEAKLY-SUPERVISED NETWORK FOR DETECTION OF COVID-19 IN CHEST CT SCANS**" was done by **T.S.RAMKUMAR 19UCS136** and **A.K. ARAVIND 19UCS114** of the Department of Computer Science(SF),Sourashtra College(Autonomous) under the guidance **of Mr. Ganesh Babu M.CA., M.Phil.,**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the VIVA-VOCE examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .07.06.2022

Date: 07-06. 2022   **External Examiner**

DEPARTMENT OF B.Sc (CS) SF
2019-2022
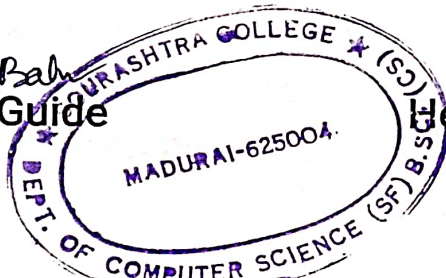
BONAFIDE CERTIFICATE

This is to certify that the project entitled " ONLINE FOOD ORDERING SYSTEM" was done by J. ARUN PANDIYAN-19UCS115 and A.SALMAN KHAN -19UCS133 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R.GANESH BABU MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ....
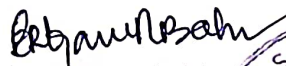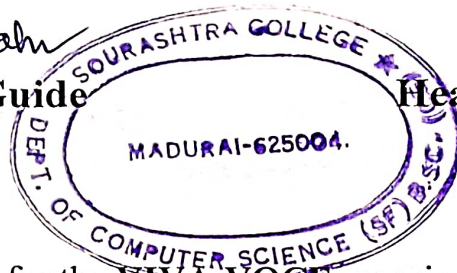
Date:

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"AN INTELLIGENT APPROACH TO CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING TECHNIQUE"** was done by **M.HARIVIGNESH-19UCS119** and **A.P.VIGNESH-19UCS145**of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr.T.N.DINESH MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ...07. 06. 2022
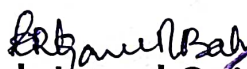
Date: 07. 06.2022

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ZOO MANAGEMENT SYSTEM" was done by K.HARSHAVARDHAN -19UCS120 and P.G.JEYARAM-19UCS122 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Mr. A.R.GANESH BABU MCA.,MPhil.,.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ..07/.06.|2022

External Examiner

Date: 07|06|2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**DETECTION OF SOCIAL NETWORK SPAM BASED ON MACHINE LEARNING**" was done by **K.VIJAYAPANDI-19UCS151 and V.KAVERI MANI-19UCS124** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of
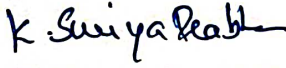
Mr. K.R.THANIKASALAM MCA.,MPhil.,MBA.,.

    It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

    Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ..07/.0.6./20.22

Date: 7 /6/2022   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled " **Prediction of Cardio Vascular Disease using Machine Learning"**

was done by **G. VIKNESH (19UCS153) and B. MOHAMED SHALIM (19UCS126) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Mr.T.N.DINESH MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.
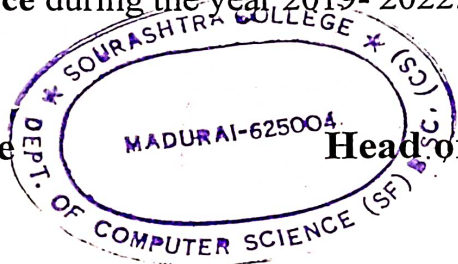
Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .7.:.6.:.2022
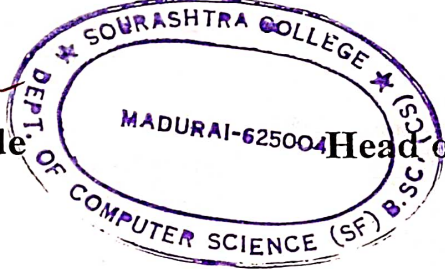
Date: 7. 6. 2022

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "INTRUSION DETECTION SYSTEM USING PCA WITH RANDOM FOREST APPROACH" was done by **S. DHAN SHREE (19UCS103) and N. ABIRAMALAKSHMI (19UCS101)** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr. K. ANURATHA MCA, Ph.D.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019-2022.

Internal Guide

Head of the Department

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF), Sourashtra College (Autonomous) held on .07/06/.2022...
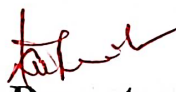
External Examiner

Date: 07/06/2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**AGRICULTURAL CROPS RECOMMENDATION PRODUCTIVITY AND SEASONS**" was done by **P.MEENA (19UCS106) and V.KALAISELVI (19UCS104)** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **DR. K. ANURATHA MCA., Ph.D.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019-2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .07.06.22..

External Examiner

Date: 07|06|22

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**MALWARE DETECTION USING MACHINE LEARNING TECHNIQUES** " was done by N. NAVEEN KUMAR (

(19UCS132)

of   the   Department of   Computer   Science   (SF), Sourashtra college   (Autonomous) under the guidance of **Mr. A.R.GANESH BABU MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .07/.06/.2022.
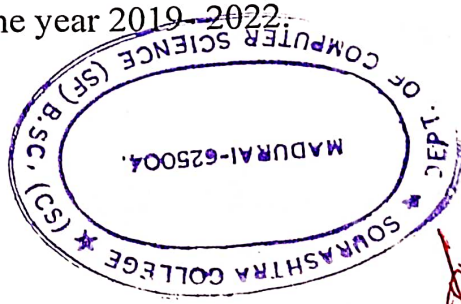
External Examiner

Date: 07/06/2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"RATING PREDICTION OF GOOGLE PLAY STORE APPS WITH APPLICATION OF DATA MINING TECHNIQUES"** was done by **T.S.SARAVANAN - 19UCS135 and T.J.VISHNU KUMAR-19UCS154** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R.GANESH BABU MCA.,MPhil.,.**

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on 07/06/22
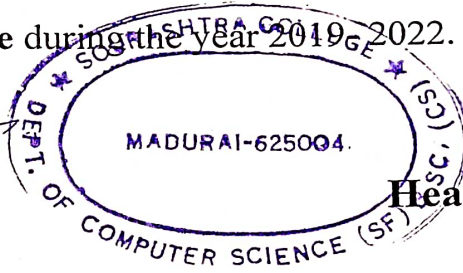
External Examiner

Date:

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ATTENTION CONSISTENT NETWORK FOR REMOTE SENSING SCENE CLASSIFICATION" was done by N.S.SENTHIL KUMAR - 19UCS136 and R.DHANABALAN-19UCS116 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Prof. K.R.THANIKASALAM MCA.,MPhil.,MBA.,**.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) Sourashtra College (Autonomous) held on .07..06..2022..
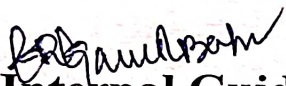
External Examiner

Date: 07.06.2022.
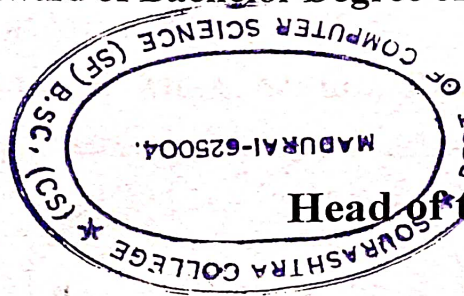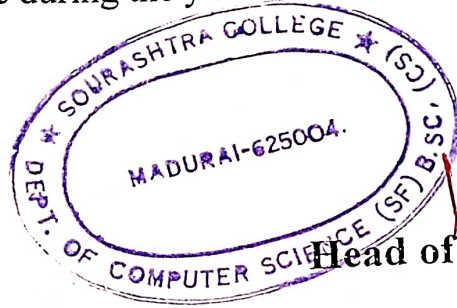
BONAFIDE CERTIFICATE
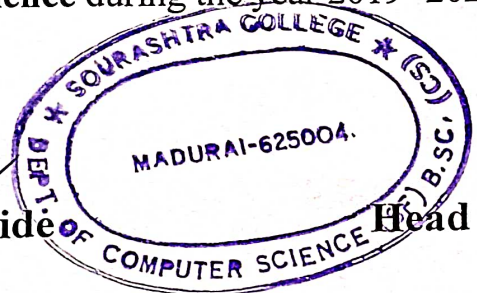
This is to certify that the project entitled "EXAMINING SUCCESSFUL ATTRIBUTES FOR UNDERGRADUATE STUDENTS BY APPLYING MACHINE LEARNING TECHNIQUES" was done by G.SIVANANTHAMANI(19UCS139) and S.SANMUGA SIVA(19UCS134) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Prof.Mr.A.R.GANESH BABU.

It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on ....

Date: **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**A NOVEL IMAGE STEGANOGRAPHY METHOD FOR INDUSTRIAL OF THINGS SECURITY**"was done by **R.SHAJJITH ANANDHAN-19UCS137 and P.VIGNESH-19UCS148** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Prof.Mr.K.R.Thanikasalam MCA.,MPhil.,MBA.,.**
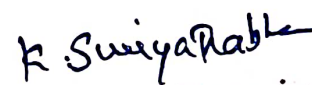
It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.

Internal Guide   **Head of the Department**

Submitted for the **VIVA-VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .07.06.2022
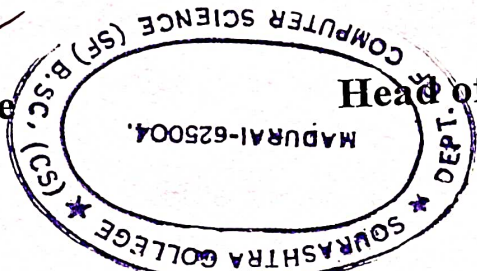
External Examiner

Date:07.06.2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "CRIME REPORTING MANAGEMENT SYSTEM"

was done by   K.K.AKASH 19UCS111 and K.P.VIKASH RAO-19UCS152 of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R.THANIKASALAM MCA.,MPhil.,MBA.,.**

    It is submitted to Sourashtra College (Autonomous), in partial fulfilment of the requirements for the award of **Bachelor Degree of Computer Science** during the year 2019- 2022.
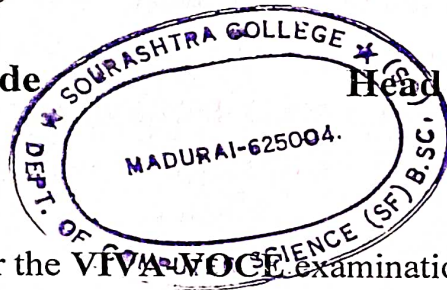
Internal Guide   **Head of the Department**

Submitted for the VIVA-VOCE examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on .0.7./.0.6./.2.0.2.2
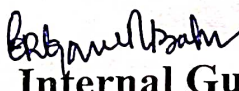
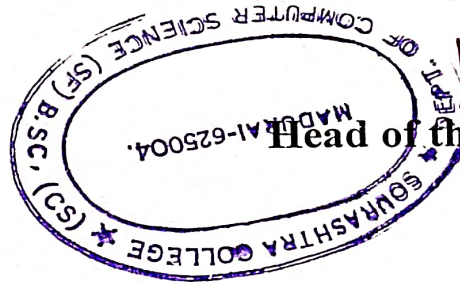Date: 07/06/2022   **External Examiner**

SOURASHTRA COLLEGE (AUTONOMOUS) :: MADURAI
DEPARTMENT OF COMPUTER APPLICATIONS (BCA)
PROJECT WITH INSTITUTE UNDER MOU
(2021-22)   Duration - 6 Months.

S.No.	REG.NO	NAME	Project Title
1	19UCA001	M.M. KAVITHA	SUCCESSFUL EXAMINING STUDENTS ATTRIBUTE FOR UNDERGRADUATE
2	19UCA002	M.MAHALAKSHMI	AGRICULTURE CROP RECOMMENDATION BASED ON PRODUCTIVITY AND SEASON
3	19UCA003	S. NIVETHITHA	SPEECH EMOTION RECOGNITION
4	19UCA004	D. PRIYA DHARSHINI	CROP YIELD USING DEEP LEARNING
5	19UCA005	B.R. SHAMMIGA	ONLINE FOOD ORDERING SYSTEM
6	19UCA013	K.K. VIGNESHWARAN	ONLINE GST BILLING
7	19UCA009	K. MUTHU RAJA	
8	19UCA007	S.DHINESH KUMAR	MALWARE DETECTION USING MACHINE LEARNING
9	19UCA012	P.G. VIGNESH	
10	19UCA008	M. ELANGOMANI	HUMAN ACTIVITIES RECOGNITION USING SMART PHONE ACCELOROMETER
11	19UCA011	K. VENKATESH	
12	19UCA006	J.ANANDHA KUMAR	RELATIONAL LEARNING IMPROVES PREDICTION OF MORTALITY IN COVID-19 IN THE INTENSIVE CARE UNIT
13	19UCA010	K.B. SRIBALAJI	

STAFF-INCHARGE   H.O.D   PRINCIPAL

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "**BLOOD BANK MANAGEMENT SYSTEM**" bonafide record work done by **K. SWETHA** in partial fulfilment of the requirement for the award of the **B.SC. (INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.**

The project will be submitted for the Viva-voce Examination held on 12.04.2023

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMOUS)

MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "CRIME DATA ENTRY & BEHAVIOUR OF MANAGEMENT" bonafide record work done by P.MOHAN KUMAR in partial fulfilment of the requirement for the award of the B.Sc.(INFORMATION TECHNOLOGY) of SOURAHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on

<u>12.04.2023</u> .

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMUS)

MADURAI-625004

BONAFIDE CERTIFICATION

This is to certify that the project work entitled "ONLINE NEWS PORTAL" bonafide record work done by R.HARIVIGNESH in partial fulfilment of the requirement for the award of the B.SC.(INFORMATION TECHNOLOGY) of SOURAHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on

12.04.2023 .

Project Guide

Head of the department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"ONLINE GST BILLING SYSTEM "** bonafide record work done by **T. SARAVANA KARTHIKEYAN** in partial fulfilment of the requirement for the award of the **B.SC. (INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.**

The project will be submitted for the Viva-voce Examination held on 12/04/2023

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMUS)
MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "LIBRARY MANAGEMENT SYSTEM" bonafide record work done by J.VISWA in partial fulfilment of the Requirement for the award of the B.SC.(INFORMATION TECHNOLOGY) of SOURAHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on 12/4/23.

Project Guide

Internal Examiner

Head of the department

12/4/2022

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "COVID-19 PATIENT COUNT PREDICTOR" bonafide record work done by G.G.SHIRAPTHINATHAN in partial fulfilment of the Requirement for the award of the B.SC.(INFORMATION TECHNOLOGY) of SOURAHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on 12.04.23

Project Guide

Head of the department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"BLOOD BANK MANAGEMENT SYSTEM"** bonafide record work done by **N.M. ASHVINI** in partial fulfilment of the requirement for the award of the **B.SC. (INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.**

The project will be submitted for the Viva-voce Examination held on 12.04.2023

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMOUS)

MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled "CRIME DATA ENTRY & BEHAVIOUR PROPERTIES MANAGEMENT" bonafide record work done by A.MARIYA FRANCIS RAJESH in partial fulfilment of the requirement for the award of the B.Sc.(INFORMATION TECHNOLOGY) of SOURAHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on

12.04.2023 .

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMUS)

MADURAI-625009

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"AUTOMATIC ROAD TRAFFIC VERIFICATION SYSTEM"** bonafide record work done by **N.J. HARISHKUMAR** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.**

The project will be submitted for the Viva-voce Examination held on

12/04/2023

Project Guide

Head of the Department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project work entitled " **ONLINE GST BILLING SYSTEM** " bonafide record work done by **T. SARAVANA KARTHIKEYAN & S. MOHAMMED ARSHAT ALI** in partial fulfilment of the requirement for the award of the **B.SC.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.**

The project will be submitted for the Viva-voce Examination held on 12/04/2023

Project Guide

Head of the department

Internal Examiner

External Examiner

SOURASHTRA COLLEGE (AUTONOMUS)

MADURAI-625004

BONAFIDE CERTIFICATE

This is to certify that the project work entitled " Intelligent Fraud in Financial statements using machine learning and Data mining: A Systematic Literature Review " bonafide record work done by J.S.RAHUL BABU in partial fulfilment of the requirement for the award of the B.Sc.(INFORMATION TECHNOLOGY) of SOURASHTRA COLLEGE.

The project will be submitted for the Viva-voce Examination held on 12. 04. 2023.

Project Guide

Head of the department

Internal Examiner

External Examiner

2

SOURASHTRA COLLEGE (AUTONOMUS)

MADURAI-625004

BONAFIDE CERTIFICATION

This is to certify that the project work entitled "**E-COMMERCE WEBSITE**" bonafide record work done by **B.K.VISHNU** in partial fulfilment of the requirement for the award of the **B.Sc.(INFORMATION TECHNOLOGY)** of **SOURAHTRA COLLEGE.**

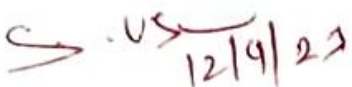The project will be submitted for the Viva-voce Examination held on

12.04.2023.

Project Guide
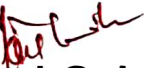
Head of the department

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"CRIME DATA ANALYSIS USING K-MEANS AND MACHINE LEARNING"** was done by R. LAKSHMI (20UCS104)of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R. THANIKASALAM MCA., M.Phil.,MBA.,**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide

Department

Head of the

Submitted for the **VIVA – VOCE** examination of **Madurai KamarajUniversity,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on 12·04·2023 .

External

Date: 12.04.2023

Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**STUDENT MANAGEMENT SYSTEM**" was done by **R.LAVANYA (20UCS105)** and **V.PADMA LAKSHMI (20UCS106)** of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.M.SATHISH KUMAR**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide 12/04/23

Dr.M.SATHISH KUMAR
MCA.,M.Phil.,Ph.D.,
Assistant Professor
Department of Computer Science (SF)
Sourashtra College
(Affiliated to Madurai Kamaraj University)
Madurai-625004 Tamil Nadu, India.

Head of the Department

Submitted for the **VIVA – VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on **12.04.2023.**

Date: 12·04·2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE NEWS PORTAL "**was done by T. VAISHNAVI (20UCS107)of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. T.N. DINESH MCA., M.Phil.,**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide

Department

Head of the

Submitted for the **VIVA – VOCE** examination of **Madurai KamarajUniversity,** in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on 12.04.2023 .

External

Date: 12.04.2023

Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "GROCERY STORE USING DJANGO" was done by *K.K.BALAN (20UCS114)* of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr.M.SATHISH KUMAR**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide 12/04/2023

Dr.M.SATHISH KUMAR
MCA.,M.Phil.,Ph.D.,
Assistant Professor
Department of Computer Science (SF)
Sourashtra College
(Affiliated to Madura Kamaraj University)
Madurai-625004 Tamil Nadu, India,

Head of the Department

Submitted for the **VIVA – VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College** (Autonomous) held on **12.04.2023.**

Date: 12/04/2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE GST BILLING SYSTEM" was done by N.N. MADHAN KUMAR (20UCS124) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Asst. Prof - Mr. A.R. GANESH BABU MCA., M.Phil.,

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide   **Head of the Department**

Submitted for the **VIVA – VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on __12 / 04 | 202 3__.

Date: 12 / 04 | 2023   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE EVENT MANAGEMENT SYSTEM"** was done by M. ALADIAKASH(20UCS109) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Dr. M. SATHISH KUMAR MCA., M.Phil., Ph.D., BGL.,**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Dr.M.SATHISH KUMAR
MCA.,M.Phil.,Ph.D.,
Internal Guide   **Assistant Professor**   **Head of the Department**
Department of Computer Science (SF)
Sourashtra College
(Affiliated to Madurai Kamaraj University)
Madurai-625004 Tamil Nadu, India.

Submitted for the **VIVA – VOCE** examination of **Madurai Kamaraj University**, in the Department of Computer Science (SF) **Sourashtra College (Autonomous)** held on __12.04.2023__ .

Date: 12.04.2023.   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"INDIAN COIN RECOGNITION USING DEEP LEARNING"** was done by S. KEERTHANA (20UCS102) And T.R. KOWSALYA (20UCS103) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R. GANESH BABU MCA., M.Phil.,**

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Internal Guide

Head of the Department

Submitted for the **VIVA – VOCE** examination of **Madurai Kamaraj University,** in the Department of Computer Science (SF) Sourashtra College (Autonomous) held on __12/04/2023__.

External Examiner

Date: 12/04/2023

BONAFIDE CERTIFICATE

This is to certify that the project entitled " HOSPITAL MANAGEMENT SYSTEM " was done by K.R.PRASANTH (20UCS129) And P.SANTHOSH (20UCS133) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Mr. A.R. GANESH BABU M.C.A., M.Phil.,

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Date: 12.04.2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"A TRAITS OF TWITTER TEXT EMOTIONAL FORECASTING AND MANAGEMENT"** was done by K.S. VISHNUKUMAR (20UCS145) And R.R. BALAJI (20UCS111) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R. THANIKASALAM MCA., MBA., M.Phil.,**

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Internal Guide

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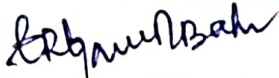
Date: 12/04/2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"LIBRARY MANAGEMENT SYSTEM"** was done by K.K. SEENIVASAN (20UCS137) And T.R.RAMANA (20UCS131) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Asst. Prof - **Mr. T.N. DINESH MCA., M.Phil.,**

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Internal Guide   **Head of the Department**

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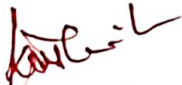
Date: 12/04/2023   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ROAD TRAFFIC FORECASTING DETECTION SYSTEM" was done by P.R.BALAKUMAR (20UCS112) and N.J.VIMAL ANANTHAN (20UCS144) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Dr. M.SATHISH KUMAR

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year   2020 – 2023.

Internal Guide   12/09/2023

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Date: 12.04.2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"Online Restaurant Review Data Management for Predicting Statictical of Satisfaction Rate"** was done by M.M. GAAYATHRI (20UCS101) And T. VISHNUPRIYA (20UCS108) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R. THANIKASALAM MCA., M.Phil., MBA.,**

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Date: 12.04.2023   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"PAYROLL MANAGEMENT SYSTEM"** was done by S. NITHISH KUMAR (20UCS127) And M. MUKESH SHARMA (20UCS125) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R. THANIKASALAM MCA., M.Phil., MBA.,**

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External Examiner

Date: 12/04/2023

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE VOTING SYSTEM"** was done by K.K. YOGESHWARAN (20UCS146) And R.N. SARABESH MARI RAJ (20UCS134) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Asst. Prof - Mr. T.N. DINESH MCA., M.Phil.,

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Date: 12.04.2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Ecommerce Website using Django " was done by K.MUTHUKUMAR (20UCS126)And S.S.HARISHKUMAR (20UCS117) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. T.N. DINESH MCA., M.Phil.,**

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Internal Guide   **Head of the Department**

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Date: 12·04·2023

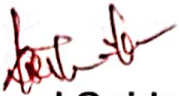**Examiner**   **External**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE JOB PORTAL"** was done by K.D. PRASANNA KUMAR (20UCS128) And O.K. SUJIT (20UCS139) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. K.R. THANIKASALAM MCA., M.Phil., MBA.,**

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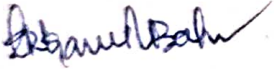
External Examiner

Date: 12/04/2023

BONAFIDE CERTIFICATE

This is to certify that the project entitled "LIVE STOCK PRICE PREDICTION USING MACHINE LEARNING" was done by B.R VASANTHA KUMAR (20UCS142) And P.KALAIYAZHAGAN (20UCS119) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R.GANESH BABU MCA., M.Phil.,**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

Internal Guide   **Head of the Department**

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Date: 12.04.2023   **External Examiner**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"BLOOD BANK MANAGEMENT SYSTEM"** was done by S. ALAGU MALAI KANNAN(20UCS110) AND J. MANIKANDAN (20UCS123)of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Asst. Prof - **Mr.T.N. DINESH MCA., M.Phil.,**

It is submitted in partial fulfillment of requirement of Sourashtra College (Autonomous) for the award Degree of Computer Science during the year 2020 – 2023.

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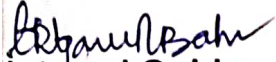
External Examiner

Date: 12 |04| 2023

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled **"SCHOOL MANAGEMENT SYSTEM"** was done by T.K.S SRIMAN BABU (20UCS138) And A. VICKSON (20UCS143) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R. GANESH BABU MCA., M.Phil.,**

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External Examiner

Date:

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE BOOK STORE"** was done by L.G. DIYANESH BABU (20UCS116) And K. SATHEESH KUMAR (20UCS136) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Asst. Prof - Mr. T.N. DINESH MCA., M.Phil.,**

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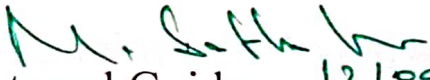
Date: 12/04/2023

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"LOCATION BASED ONLINE SHOPPING"** was done by P.JEEVAN BABU (20UCS118) and M.LOKESHWARAN (20UCS122) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of Dr.M.Sathish Kumar.
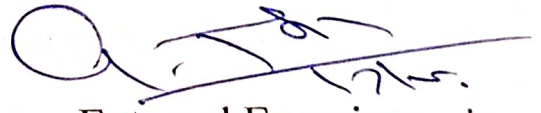
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External Examiner

Date: 12/04/2023

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"ONLINE FOOD ORDERING SYSTEM"** was done by S. SATHAM HUSSAIN (20UCS135) And B. SAKTHIVEL (20UCS132) of the Department of Computer Science (SF), Sourashtra College (Autonomous) under the guidance of **Mr. A.R. GANESH BABU MCA., M.Phil.,**

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