



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “SENTIMENT ANALYSIS OF AMAZON PRODUCT ”is original record work done by AADHITHYA .B (U20SC001), ABHINAYA .R(U20SC002), AJITHKUMAR .R(U20SC004) under my guidance and supervision for the partial fulfillment of award of degree in BSc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Ms. J. Sheela Mercy
30/05/23

Ms. J. Sheela Mercy
PROJECT GUIDE

Dr. B. Kerana Hanirex
HEAD OF THE DEPARTMENT
Head of the Department
Department of Computer Science
Faculty of Arts & Science

BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S of UGC Act, 1956)

Submitted for Viva-Voce examination held on 31/05/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

EXTERNAL EXAMINER



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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DEPARTMENT OF COMPUTER SCIENCE

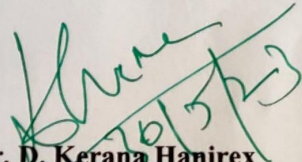
BONAFIDE CERTIFICATE

This is to certify that the project entitled “Encryption & Decryption” is original record work done by **AKASH.A(U20SC005)**, **AKASH.G(U20SC006)**, **AKASH.P(U20SC007)**, **AKASH SAKTHI.P(U20SC008)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

JSLM
30/05/23

Ms. J.Sheela Mercy

PROJECT GUIDE



Dr. D. Kerana Hanirex

Head of the Department

HEAD OF THE DEPARTMENT

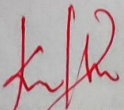
Faculty of Arts & Science

BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH

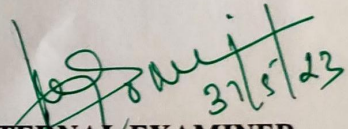
(Declared as Deemed to be University under section 3 of UGC Act 1956)

Chennai - 600 126 INDIA

Submitted for Viva-Voce examination held on 31/05/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.



INTERNAL EXAMINER



EXTERNAL EXAMINER



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FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai - 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "Personal Voice Assistant for PC" is original record work done by Aravind.S U20SC009, Arivazhagan.R U20SC010, Arunachalam.V U20SC011, Ashok S U20SC012 under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

JSLM
30/05/23

Ms. J. Sheela Mercy MCA, (Ph. d)

PROJECT GUIDE

Dr. D. Kerana Hanirex

HEAD OF THE DEPARTMENT

Department of Computer Science
Faculty of Arts & Science

Submitted for Viva-Voce examination held on 21/05/23 at Department of Computer Science,
Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

EXTERNAL EXAMINER



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “Mingle Box” is original record work done by **BHARATH RAJ.B(U20SC013)**, **BHARATHI.M(U20SC014)**, **BHARATH KUMAR.V(U20SC015)**, **DEENADHAYALAN.J(U20SC016)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Mrs. M.Kavitha
PROJECT GUIDE

Dr. D. Kerana Hanirex
HEAD OF THE DEPARTMENT
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(Declared as Deemed to be University under section 3 of UGC Act 1956)
Chennai - 600 126

Submitted for Viva-Voce examination held on 31/5/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

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FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONA FIDE CERTIFICATE

This is to certify that the project entitled **“DRIVER DROWSINESS DETECTION SYSTEM”** is original record work done by **DHANASEKARAN.D(U20SC017)**, **DHANUSHKUMAR.U(U20SC018)**, **DHARSHINI.V(U20SC019)**, **DHILIP.M(U20SC020)** under my guidance and supervision for the partial fulfillment of award of degree in BSc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Mrs.M.Kavitha MCA,(Ph.D)
PROJECT GUIDE

Dr. D. Kerana Hanirex
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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University under section 3 of UGC Act 1956)
Chennai - 600 126 INDIA.

Submitted for Viva-Voce examination held on 31/5/23 at Department of
Computer Science, Faculty of Arts & Science, Bharath Institute of Higher
& Education and Research, Chennai.

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83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EFFICIENT VOTING USING FACIAL RECOGNIZATION BLOCKCHAIN SYSTEM" is original record work done by DHINAKARAN.R(U20SC021),DHINESH.D(U20SC022),FARITHKHAN.Z(U20SC023) GANESH.B(U20SC024) under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Mrs.M.Kavitha MCA,(Ph.D)
PROJECT GUIDE

Dr. D. Kerana Hanirex
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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University under section 3 of UGC Act, 1956)
Chennai-600 126, INDIA.

Submitted for Viva-Voce examination held on 31/05/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “**EFFICIENT HOTEL RECOMMENDATION SYSTEM BY USER REVIEWS**” is original record work done by **GIRI RAJ.B (U20SC025), GOKUL.N(U20SC026), GOPIKRISHNAN.M(U20SC027), GOPINATH.D(U20SC028)** under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

MRS.M.KAVITHA MCA,(Ph.D)
PROJECT GUIDE

Dr. Kerana Hanirex
HEAD OF THE DEPARTMENT
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(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)
Chennai-600 126, INDIA.

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FACULTY OF ARTS & SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “CUSTOMER STRESS PREDICTION IN TELECOM INDUSTRY USING MACHINE LEARNING ALGORITHMS” is original record work done by GUNAL.M(U20SC029), GUNASEKARAN.R(U20SC030), HARIESH.N(U20SC031), HEMACHANDRAN.R (U20SC032), under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

for X. Rajath 30/5/23
DR.N.MATHIMAGAL

PROJECT GUIDE

[Signature]
DR.D.KERANA HANIREX
Department of Computer Science
Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Chennai-600 126, INDIA.

Submitted for Viva-Voce examination held on 31-5-23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

[Signature] 31/5/23
INTERNAL EXAMINER

[Signature] 31/5/23
EXTERNAL EXAMINER



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “AI-WEB VULNERABILITY SCANNER” is the original record work done by IYYAPPAN S (U20SC033), JAMES RAJKUMAR S (U20SC034), KABILESHWARAN V (U20SC035), KACHA TEJESH S (U20SC036), under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Dr. N. MATHIMAGAL
PROJECT GUIDE

Dr. D. Kerana Hanirex
HEAD OF THE DEPARTMENT

Department of Computer Science
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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Chennai-600 126, INDIA.

Submitted for Viva-Voce examination held on 31.5.23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education & Research, Chennai.

INTERNAL EXAMINER

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FACULTY OF ARTS & SCIENCE

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DEPARTMENT OF COMPUTER SCIENCE

BONAFAIDE CERTIFICATE

This is to certify that the project entitled “AI RESUME ANALYZER” is original record work done by K.KAMALANATHAN(U20SC037),KARTHIK.R(U20SC038),KARTHIKA.J(U20SC039), KARTHIKEYAN.K(U20SC040) under my guidance and supervision for the partial fulfillment of award of degree in BSc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

for K. Rajan
30/5/23
Dr. N. MATHIMAGAL
PROJECT GUIDE

Hare
Dr. D. Kerana Hanirex
HEAD OF THE DEPARTMENT

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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
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Chennai-600 126 INCCA.

Submitted for Viva-Voce examination held on 31/5/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education & Research, Chennai.

KM
31/5/23
INTERNAL EXAMINER

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31/5/23
EXTERNAL EXAMINER



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

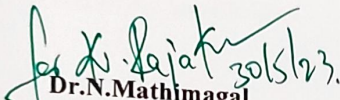
FACULTY OF ARTS & SCIENCE


83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE


BONAFIDE CERTIFICATE

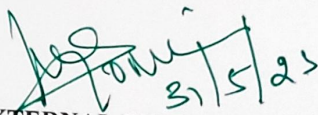
This is to certify that the project entitled "WINDOWS FILE SEARCH ENGINE" is original record work done by **KISHORE.R (U20SC043)**, **KAVINATHAN.K (U20SC041)**, **KOUSHIK.N (U20SC044)**, **KRISHNAKUMAR. M (U20SC045)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.


Dr.N.Mathimagal
PROJECT GUIDE


Dr. D. Kerann Harries
HEAD OF THE DEPARTMENT
Department of Computer Science
Faculty of Arts & Science
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act. 1956)
Chennai-600 126 INDIA.

Submitted for Viva-Voce examination held on 31.5.23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.


INTERNAL EXAMINER


EXTERNAL EXAMINER



Bharath

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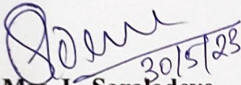
FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126


DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

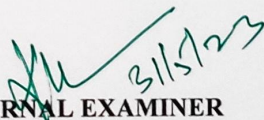
This is to certify that the project entitled “E-TASK TRACKING MANAGEMENT SYSTEM” is original record work done by KUMARAN.P(U20SC046), KUMARESAN.G (U20SC047), LOKESH.R(U20SC048), MAGESHWARIE(U20SC049), under my guidance and supervision for the partial fulfillment of award of degree in BSc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

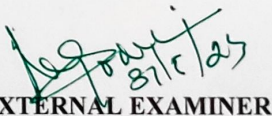

30/5/23

Mrs. L. Saraladeve
PROJECT GUIDE


31/5/23
Dr. D. Keran Hanirex
HEAD OF THE DEPARTMENT
Department of Computer Science
Faculty of Arts & Science
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University under UGC Act 1956)
Chennai-600 126, INDIA.

Submitted for Viva-Voce examination held on 31.05.23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education & Research, Chennai.


31/5/23
INTERNAL EXAMINER


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Bharath

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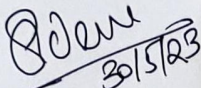
FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “ECOMMERCE WEBSITE WITH SELF SHIPMENT” is original record work done by I. MOHAMMED AASIF(U20SC050), A. MOHAMMED KHALEELULLAH(U20SC052), R.MOHAMMED WAJAKATHALI (U20SC053), S. MOHAMMED ALTHAF(U20SC051) under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

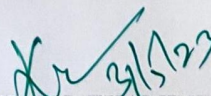

30/5/23

Mrs.L.Saraladeve
PROJECT GUIDE


15/5/23
Dr. D. Keranu Harinex
HEAD OF THE DEPARTMENT

Department of Computer Science
Faculty of Arts & Science
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University under UGC Act 1956)
Chennai-600 126 (INDIA)

Submitted for Viva-Voce examination held on 31/5/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.


31/5/23
INTERNAL EXAMINER
EXAMINER


31/5/23
EXTERNAL



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

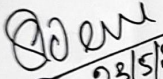
FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126


DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

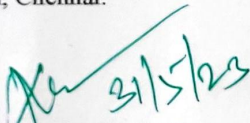
This is to certify that the project entitled “On Study of Analysis National Cadet Crops Web-page for Academy” is the original record work done by S.MOHAN RAJ, U20SC054., MOHANAKRISHNAN.S, U20SC055., N.MUBARAK, U20SC056., M. MUKESH, U20SC057., under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.


23/5/23

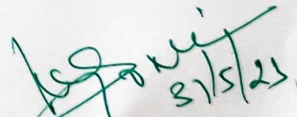
Mrs. L. Saraladeve
PROJECT GUIDE


23/5/23
Dr. D. Kerana Hanirent
Department of Computer Science
HEAD OF THE DEPARTMENT
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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University under Section 3 of UGC Act 1956)
Chennai-600 126. INDIA.

Submitted for Viva-Voce examination held on 31/05/2023 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education & Research, Chennai.


31/5/23

INTERNAL EXAMINER


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FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled **EFFICIENT PREDICTION OF PHISHING SITES IN CLOUD USING MACHINE LEARNING** is original record work done by **V.MURALI RAJ (U20SC058), K. MUTHUKRISHNAN (U20SC059), S. NANTHA KUMAR (U20SC060), R.NAVEENKUMAR (U20SC061)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Mrs.L.Saraladeve

PROJECT GUIDE

Dr. D. Korana Hanirex

Head of the Department

HEAD OF THE DEPARTMENT

Faculty of Arts & Science

BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH

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Chennai-600 126. INDIA.

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FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “WI-FI JAMMING” is original record work done by NITHISH S(U20SC062), PANDIAN V(U20SC063), PAVITHRA P(U20SC064), PIJAY PETER B(U20SC065) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Ms.M.MENAKA
PROJECT GUIDE

Dr. D. Kerana Hanirex
Head of the Department
DEAD OF THE DEPARTMENT
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BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
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Chennai-600 126

Submitted for Viva-Voce examination held on 31-5-23 at Department of Computer Science,
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INTERNAL EXAMINER

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31/5/23



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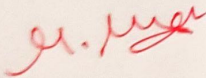
FACULTY OF ARTS & SCIENCE


83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai - 600 126

DEPARTMENT OF COMPUTER SCIENCE

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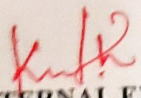
This is to certify that the project entitled "EMPLOYEE ACTIVITY TRACKER" is original record work done by PRADEEPKUMAR.S(U20SC066), PRASANTH.G(U20SC067), PRAVEEN.K(U20SC068), PREM KUMARA.A (U20SC069) under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

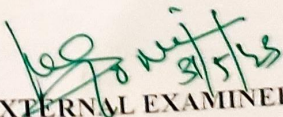

Ms. M. Menaka
PROJECT GUIDE


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Submitted for Viva-Voce examination held on 31/05/22 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.


INTERNAL EXAMINER


EXTERNAL EXAMINER



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

FACULTY OF ARTS & SCIENCE
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BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE VOTING SYSTEM-USING ADVANCED JAVA" is original record work done by RAAVIN RAHUL.R (U20SC070), RAGU BALAN.M (U20SC071), RAJ KUMAR.S (U20SC073), RANJITH KUMAR.E (U20SC074), under my guidance and supervision for the partial fulfillment of award of degree in B.S.C. as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “ONLINE SHARE TRADING SYSTEM” is original record work done by RITHIK KRISHNAN G (U20SC075), PATRICK RUBAN A (U20SC076), SABARINATHAN S (U20SC077), SAKTHIVEL K (U20SC078) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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INTERNAL EXAMINER

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “Blood Bank Management System” is original record work done by SAKTHIVEL.T (U20SC079), SANJANA.V (U20SC080), SANJAY.N (U20SC081), SANJAY.S (U20SC082), under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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Submitted for Viva-Voce examination held on 3/05/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

EXTERNAL EXAMINER

SOURCE OF SOCIETY

A project report submitted in the partial fulfillment of the requirements
for the award of Degree in

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

SANJAY KUMAR.M (U20SC083)

SANTHOSH.K (U20SC084)

SARAVANAN.K (U20SC085)

SATHISH.K (U20SC086)

Under the guidance of

Mr. A. BALAJI



**DEPARTMENT OF COMPUTER SCIENCE
FACULTY OF ARTS & SCIENCE**

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MAY – 2023



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FACULTY OF ARTS & SCIENCE

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai - 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "SOCIAL MEDIA USER NAME AUTO IDENTIFY" is original record work done by SANJAY.A (U20SC087), SHAHIN.A(U20SC088), SHANTHINI.R(U20SC089), SIDDHARTHAN.S (U20SC090) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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INTERNAL EXAMINER
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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “**Cervical Area Segmentation and Classification Using Machine Learning**” is original record work done by Siva Subramanian.B(U20SC091), Sivaraj. G(U20SC092), Sridhar. G(U20SC093), Sridhar. M(U20SC094), under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

Mr.A.Balaji Msc,(Phd)

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INTERNAL EXAMINER

31/5/23

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Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “**Efficient natural noise removal technique using filtering techniques**” is original record work done by **K.SUBHIKSHA(U20SC096) , U.SURESH(U20SC097 R.SURESH(U20SC098)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



Bharath

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FACULTY OF ARTS & SCIENCE

88/3, New Aguram Main Road, Tiruvanchery, Selaiyur, Chennai - 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EFFICIENT DETECTION OF KEYLOGGER" is original record work done by Surya.S (U20SC099), Tamil Selvan . M (U20SC100), Termi Rose.A (U20SC101), Thomas Raj . B (U20SC102) under my guidance and supervision for the partial fulfillment of award of degree in M.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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Submitted for Viva-Voce examination held on 31/05/23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

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83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “COMPLAINT MANAGEMENT” is original record work done by **NAME: R. VIDHYA, S.VASANTH, J.UVANESH KUMAR, REG.NO: U20SC106, U20SC103, U20SC105.**

under my guidance and supervision for the partial fulfillment of award of degree in B.sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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INTERNAL EXAMINER

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled “E-ONLINE SHOPPING” is original record work done by VIGNESH A(U20SC107), VIGNESH N(U20SC108), VIGNESH R(U20SC109), VIGNESH V(U20SC110) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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83/3, New Agraram Main Road, Tiruvanchery, Selayur, Chennai - 600 126

DEPARTMENT OF COMPUTER SCIENCE

BONA FIDE CERTIFICATE

This is to certify that the project entitled "PNEUMONIA" is original record work done by **M Vikram (U20SC111), N. YAZHINI (U20SC112), E. YOGESH (U20SC113) and R. MASCO RAJ (U20SC114)** under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selayur, Chennai.

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Submitted for Viva-Voce examination held on 31.5.23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "WEB VULNERABILITY FINDER" is original record work done by GAYATHRI.M (U20SC115), RISHI KUMAR N T (U20SC116), SARANCHIDAMBARAM L (U20SC117), EBINESER..B (U20SC118) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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Submitted for Viva-Voce examination held on 31.05.2023 at Department of Computer Science,
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INTERNAL EXAMINER

EXTERNAL EXAMINER



Bharath

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FACULTY OF ARTS & SCIENCE

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that the project entitled COMMENT POLARITY is original record work done by PAULRAJ.M (U20SC119), SANJAJY.M(U20SC120) & KANKANALA MANOHAR (U20SC121) under my guidance and supervision for the partial fulfillment of award of degree in B.Sc Computer Science as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

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Submitted for Viva-Voce examination held on 31.5.23 at Department of Computer Science, Faculty of Arts & Science, Bharath Institute of Higher Education Research, Chennai.

INTERNAL EXAMINER

EXTERNAL EXAMINER