



ACHARYA INSTITUTE OF GRADUATE STUDIES

(NAAC Re-accredited 'A+' and Affiliated to Bengaluru City University)

Soladevanahalli, Bengaluru-560107

1.3.2 Number of students undertaking project work/field work/ internships in the Department of MCA (2023-2024)

Sl.No	Student name	PROJECT TITLE	Guide Name
1	AMRUTH MONNAPPA MP	FORTIS SPIDER INTRANET DASHBOARD	FARZEEN BASITH
2	KOLUMURI VENKATA ANIL KUMAR REDDY	DEVELOPEMENT OF AN E-COMMERCE PLATFORM	Mr. Vivek. K
3	CHANDU B A	FINDING FREQUENT SUBGRAPHS IN GRAPH DATABASES USING GSPAN	RAJESH RAO K
4	FAMIDA LATHEEF	HVAC DASHBOARD CREATION	NARASIMHA MURTHY G K
5	HEMASHREE C R-	EMPLOYEE TASK MANAGEMENT SYSTEM	FARZEEN BASITH
6	MILLO TAGE,	ORGIT-TASK MANAGER	Mr. Vivek. K
7	MOHAMMED ZAHAL -	INVENTORY MANAGEMENT SYSTEM	NARASIMHA MURTHY G K
8	MUHAMED RAHEES AK -	HOSPITAL MANAGEMENT SYSTEM	RAJESH RAO K
9	PENUJURI NAGA PRANITHA	MOCK INTERVIEW SYSTEM USING AI/ML AND IMAGE PROCESSING	Dr. A R DEEPTI
10	PARAJAPATI KAUSHIK	JOB PORTAL	FARZEEN BASITH
11	RAKSHITHA DIVAKAR	A GROUND TRUTH FOR DATA AND IDENTIFY THE BEST IMPUTATION TECHNIQUE	Dr. BALAMURUGAN M
12	SOURABH	LANGAUGE LEARNING	Mr. Vivek. K
13	SIDHARTH KUMAR RANA	SMART TRANSLATION FOR PHYSICALLY CHALLENGED PEOPLE USING MACHINE LEARNING	NARASIMHA MURTHY G K
14	SREERAG K-	SIGN LANGUAGE RECOGNITION	Mr. Vivek. K
15	SUBHAM NATH	BLOG MANAGEMENT SYSTEM	Dr. BALAMURUGAN M
16	SUNITHA ADDALA	DISCOVERING FREQUENT PATTERNS IN UNCERTAIN BIG DATA USING TUBEP	Narasimha Murthy GK
17	UPPARA SAI VAMSI	TRIP EXPENSES TRACKER	Dr. BALAMURUGAN M



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18	SUNKARA VAMSI KRISHNA	REAL ESTATE LISTINGS WEBSITE	Mr. Vivek. K
19	AISWARYA KOTTIYAL	TEXT TO IMAGE GENERATION COMBINED WITH GENERATED CAPTION USING OPTIMIZATION TECHNIQUES	Mr. Vivek. K
20	AJAY KALLUR	DRIGHNA TECHNOLOGIES MOBILE APP: ENHANCING SERVICE EXPLORATION AND CUSTOMER ENGAGEMENT IN REAL TIME	RAJESH RAO K
21	AJAY RAJU RAJC P	LLM BASED TOOLFOR GENERATING HUMAN- LIKE RESPONSE TO NATURAL LANGUAGE INPUT	Mr. Vivek. K
22	ANANYA T P	REAL-TIME AIR POLLUTION WITH DEEP LEARNING	FARZEEN BASITH
23	ANUJITH S	IOS APPLICATION DEVELOPER	NARASIMHA MURTHY G K
24	UJWAL NAIK	TRACK HIVE-BUG TRACKING SYSTEM IN COMPANY	Mr. Vivek. K
25	ANUSHREE S	EXTRACCTING COVERAGE PATTERNS FROM TRANSACTIONAL DATA USING CMINE	Dr. A R DEEPTI
26	BHARATHKUMAR D	PROJECT MANAGEMENT SYSTEM	NARASIMHA MURTHY G K
27	I. BHARGAV SAI	PASSENGER FLOW PREDICTION IN METRO SYSTEM	Mr. Vivek. K
28	DIKSHITH	OLINE LEARNING PORTAL	Nagaraju M.L
29	GAGAN B C	BREW MASTER- PERFECTING EVERY BREW	Dr. A R DEEPTI
30	RACHAMALLA HAREESH KUMAR REDDY	CONTENT AND QUESTION GENERATION FROM BOOK USING LLM,) LANG CHAIN, FAISS	Prof. Nagaraju ML



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31	HARSHITHA VC	FINDING WEIGHTED FREQUENT PATTERNS IN TRANSACTIONAL DATABASES USING WFIM	Dr. A R DEEPTI
32	JAY ASIMHA R ARKACHARI	EXAM HALL VERIFICATION USING QR CODE	Dr. BALAMURUGAN M
33	MANJUSHA KUMARI	MULTIPLE FACE RECOGNITION SYSTEM ATTENDANCE	FARZEEN BASITH
34	MANOJ KUMAR R	MOBILE SHOP MANAGEMENT	Dr. BALAMURUGAN M
35	MEGHA K	GEOSPATIAL VISUALIZATION OF POLLUTION DATA USING GEOPANDAS, PLOTLY,	Prof. Nagaraju ML
36	MIDHUN THOMAS MAMEN	CD IMPUTE	RAJESH RAO K
37	MUHAMMED AMJAD M-	EVENT MANAGEMENT SYSTEM	NARASIMHA MURTHY G K
38	RAKHI KUMARI	MEDIHUB-MERN STACK HEALTHBRIDGE	RAJESH RAO K
39	SAMEER AHMED H F	CLOUD BASED RECRUITMENT APPLICATION	RAJESH RAO K
40	SHRIVATSA USI RDESHPANDE	DYNAMIC PRICING STRATEGY USING MACHINE LEARNING	NARASIMHA MURTHY G K
41	SINDHU H	MEETING SHCDULE AND REMINDER	FARZEEN BASITH
42	SNEHA	FREQUENT SEQUENTIAL PATTERN IN SEQUENCE DATABASE USING SPADE	Nagarju M.L
43	SREERAG K	SIGN LANGUAGE RECOGNITION	Mr. Vivek. K
44	SRIKANT PANDEY	NAMMA HAAT E-COMMERCE	Mr. Vivek. K
45	SUMIT KUMAR SHARMA	MULTIPLE FACE RECOGNITION ATTENDANCE SYSTEM USING DEEP LEARNING	Mr. Vivek. K
46	UPPARA SAI VAMSI	TRIP EXPENSES TRACKER	Dr. BALAMURUGAN M



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47	UTKARSH KAYASTH	PREDICTING ENERGY CONSUMPTION USING MACHINE LEARNING	Dr.A R DEEPTI
48	N AL FAISAL-	EMPLOYEE ATTENDANCE AND TIME OFF MANAGEMENT SYSTEM	NARASIMHA MURTHY G K
49	A WELFRED PRAJWAL	FINDING FREQUENT SEQUENTIAL PATTERNS IN SEQUENCE DATABASES USING PREFIXSPAN ALGORITHM	Mr. Vivek. K
50	ADIREDDY SATHWIK REDDY	DOMINANT COLOR EXTRACTION	FARZEEN BASITH
51	AKSHAY.A.P	ENHANCING HYBRID NUERAL NETWORK	Dr. A R DEEPTI
52	ANUSHA JAGOD	EXPLORING ASOCIATION RILES IN PATTERN MINING	Dr. A R DEEPTI
53	BAVTIS	STUDY ON PAMI ALGORITHMS	Nagarju M.L
54	DEVARASI RAMI REDDY	BUILDING A CRYPTOCURRENCY TRACKER WITH REACT	NARASIMHA MURTHY G K
55	DANUSH.C	A FOG CENTRIC CLOUD SECURE SCHEME	Dr. A R DEEPTI
56	GIRISH H	PHISHCATCHER CLIENT SIDE DEFENSE AGAINST WEB SPOOFING ATTACKS USING MACHINE LEARNING	Prof.Nagaraju ML
57	GOPIKA	VENDERO RECOMANDATION SYSTEM	FARZEEN BASITH
58	HEMANTH GIRIMATH	INDIAN ENERGY EXCHANGE FORECASTING USING PYCARET AND STREAMLIT	NARASIMHA MURTHY G K
59	JAYASIMHA R ARKACHARI	EXAM HALL USING QR CODE	Dr. BALAMURUGAN M
60	KARTHIK	A VERIFIABLE FAIR ATTITUDE	Prof.Nagaraju ML
61	KEERATHANA TV	REAL TIME CHAT APPLICATION WITH	Mr. Vivek. K



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		NEWS AND WEATHER FORCASTING	
62	KEERTHI G	DISCOVERING KNEE OSTEOARTHRITIS	RAJESH RAO K
63	LAILA R	HSE - INCIDENT MANAGEMENT SYSTEM	Dr. BALAMURUGAN M
64	MADAN B OMKAR	FAKE PRODUCT IDENTIFICATION BY QR CODE USIN BLOCK CHAIN	FARZEEN BASITH
65	MOHAMMED ADHIL M,	EMO TALE: SHAPING NARRATIVE TRAJECTORIES WITH READER'S AFFECTIVE STATES	Mr. Vivek. K
66	NAGAMANI	MULTIPLE OBJECT DETECTION	Prof. Nagaraju ML
67	NIKHIL S	EVALUATION OF APRIORI ALGORITHM PERFORMANCE IN PAMI, ML AND EFFEICIENT APRIORI LIBRARIES	Dr. A R DEEPTI
68	NUTHAN B C	SECURE CLOUD DATA DEDUPLICATION WITH EFFICIEN RE-EMCRYPTION	Dr. A R DEEPTI
69	POOJA M .V	FORENSIC: EARLY DET3ECTION OF ONGOING CYBERATACCKS USING DIGITAL FORENSCS	Dr. A R DEEPTI
70	POOLA MEGHANA	GOODNESS GIFT	Dr. BALAMURUGAN M
71	SWEKSHA	DATA DRIVEN DECISION MAKING	Prof. Nagaraju ML
72	ANANDI	FINDING TOP K FREQUENT	Prof. Nagaraju ML
73	BHARATRAJ D NAIK	FAST DATA: A FAIR, SECURE, AND TRUSTED DECENTRALIZED IIOT DATA MARKETPLACE ENABLED BY BLOCKCHAIN	RAJESH RAO K
74	BINDU RANI	NEWS SENTIMENT ANALYSIS	FARZEEN BASITH
75	DEEVANKUMAR J	MULTIPLE DISEASES PREDICTION USING MACHINE LEARNING	Dr. BALAMURUGAN M



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76	GOPI K.N	EFFICIENT MLALGORITHM	Prof.Nagaraju ML
77	JENCY LANCET	EFFICIENT PRIVATE ALGORITHM	Prof.Nagaraju ML
78	KAVYA	DEDIICATED SUPPLIER PORTAL	Prof.Nagaraju ML
79	PAVAN A.V	SOCIAL MEDIA APP FOR FARMERS AND AGRO-ENTHUSIASTS	NARASIMHA MURTHY G K
80	PRASHWISH U NAIK	CLIENT TURNOVER ANTICIPATION	RAJESH RAO K
81	PURUSHOTHAMA	MACHINE LEARNING FOR PREDICTIVE INDUSTRIAL MACHINARY MAINTENANCE	NARASIMHA MURTHY G K
82	REVANTH V	PRIVACY PRESERVING DATA ENCRYPTION STRATEGY FOR BIG DATA IN MOBILE CLOUD COMPUTING	Dr. BALAMURUGAN M
83	RUPA DAS	E-COMMERCE WEBSITE USING MERN STACK	FARZEEN BASITH
84	SAMUEL EMMANUEL KAUNDA	AI EHNANCED AGRICULTURAL SYSTEM	FARZEEN BASITH
85	SHAFIR P K	TRANSLOOM: SEAMLESS MULTILINGUAL TRANSLATION	Dr. BALAMURUGAN M
86	SIRISHA	OPTIMIZED PRODUCTIVE RECOVERY	Nagaraju M.L
87	VEERESH B N	MUSIC GENERATION USING LSTM NETWORKS	FARZEEN BASITH
88	VIPIN VISWANATH	TICKETSURE	Dr. BALAMURUGAN M
89	YAMINI K	DEEP LEARNING APPROACHES TO PM 1.5 DATA: FORECASTING TO INSIGHTS	Dr. BALAMURUGAN M
90	ANIK	CUSTOMER SEGMENTATION AND RECOMMENDATION SYSTEM FOR OPTIMAL SALES	Vivek
91	APOORVA SM	GEMINI AI POWERED CHATBOT WITH FLASK	FARZEEN BASITH



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92	DARSHAN M MALYA	DETECTING DEEPPAKES WITH LONG-DISTANCE ATTENTION ON COLLECTED DATASETS	Mr.Vivek.k
93	TARUN	PREDICTING TAXI AND UBER DEMANDS IN CITY	Mr.Vivek.k
94	DEEPU G	FINDING HIGH UTILITY SPATIAL PATTERNS IN UTILITY DATABASE USING HDSHUIM	RAJESH RAO K
95	LINGESH	FITNESS RACKING DASHBOARD	Mr.Vivek.k
96	MONISHA	TRIP XPERT-TOURISM PORTAL	NARASIMHA MURTHY G K
97	NEELAM PUJARI	FINDING RECURRING PATTERNS IN TEMPORAL DATABASE USING RP GRWTH	Dr.A R DEEPTI



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CERTIFICATE

This is to certify that AMRUTH MONNAPPA MP – P18AJ22S126109 has completed the final project work entitled FORTIS SPIDER INTRANET DASHBOARD as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Prof. Farzeen Basith
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide
Navin V Rao
Associate General Manager
Fortis Healthcare

Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Solade
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies



Examiner-1: _____

Examiner-2: _____

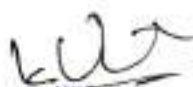
CERTIFICATE

This is to certify that **Kolumuri Venkata Anil Kumar Reddy (P18AJ22S126107)** has completed the 4th Sem project work entitled **Development Of An E-commerce Platform** is a result of the bonafide work carried out during the academic year 2023-2024 under our supervision.



Signature of Internal Guide

Mr. Vivek K
Assistant professor
Department of MCA



Signature of HOD
Department of Computer Application,
Acharya Institute of Graduate Studies
Bangalore - 560 096

Mr. Vivek K
Assistant Professor
Department of MCA
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Examiner 1: _____
Examiner 2: _____



Signature of External Guide

Mr. Pramanand Badiger
Software developer
Techno Fly Solutions.



Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hezaraghatta Road
Bangalore - 560107

Examiner 2: _____



Department of MCA

Acharya Institute of Graduate Studies

CERTIFICATE

This is to certify that Chandu B A - P181J22S126094 has completed the final project work entitled Finding Frequent Subgraphs in Graph Databases Using gSpan Algorithm as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Rajesh Rao K

Assistant Professor

Acharya Institute of Graduate Studies

Signature of External Guide
Prof. Vinod K

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of External Guide

Vinoth E

Chief Technical Officer

Edu Tantr Ventures Pvt Ltd



Signature of Principal
Prof. Vinod K

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gurunath Rao Vaidya

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Acharya Institute of Graduate

Gurunath

Acharya Institute of Graduate Studies
Soladeyanahalli, Hesarghatta Road,
Bekur - 560 107

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate

Signature of Examiner 2





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CERTIFICATE

This is to certify that **FAMIDA LATHEEF-P18AJ22SI26097** has completed the final project work entitled **SYNTHETIC DATA GENERATION FOR TRANSACTIONAL DATABASE** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Narasimha Murthy G K

Assistant Professor, Dept. of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Mr. Vinoth E

Chief Technical Officer

Edu Tantr Private Limited

HOD
Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Vivek R
Bengaluru - 560 094

HOD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soliadevanahalli, Hecharaghatta Road
Bengaluru - 560107

Sign of Examiner 2:

Department of Computer Applications

VALUED

Sign of Examiner 1:

Examiner 1: _____

Examiner 2:



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CERTIFICATE

This is to certify that **Hemashree C R – P18AJ22S126099** has completed the final project work entitled **EMPLOYEE TASK MANAGEMENT SYSTEM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2022-2024 under our supervision.

Farzeen Basith
18/11/24

Signature of Internal Guide
Prof. Farzeen Basith
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide
Abzal Nawaz
Manager
Technofly Solutions

Dr. Gurunath Rao Vaidya

Signature of HOD
Department of Computer Applications,
Acharya Institute of Graduate Studies,
Bangalore - 560 094
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies,
Soladavanehalli, Hosur,
Bangalore - 560 107
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Examined by:
VALUED
Examiner-1: *[Signature]*
Examiner-2: *[Signature]*

Examiner-2: _____



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CERTIFICATE

This is to certify that **MILLO TAGE - P18AJ22S126096** has completed the final project work entitled **ORGIT-TASK MANAGER** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Prabhanjan
Software Developer
Scontinet Technology Pvt. Ltd.

Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 017

Mr. Vivek K

Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
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PRINCIPAL

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Examiner 2: _____

Sign of Examiner - 2: _____



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CERTIFICATE

This is to certify that MOHAMMED ZAHAL – P18AJ22S126120 has completed the final project work entitled Inventory Management System as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Internal Guide

Narasimha Murthy G K
Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies

External Guide

Mr. Prabhanjan
Chief technical officer
Scontinent Technology Pvt Ltd


Signature of HOD

HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal

Principal
Acharya Institute of Graduate Studies
Dr. Ganinath Rai Vardya HOD
Principal
Acharya Institute of Graduate Studies

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Sign of Examiner – 2: _____

Department of Computer Applications

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Examiner 1: _____

Examiner 2: _____



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CERTIFICATE

This is to certify that MUHAMED RAHEES AK – P18AJ22S126110 has completed the final project work entitled Hospital Management System as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

PROF. RAJESH RAO K
Associate Professor, Dept. MCA
Acharya Institute of Graduate Studies

Signature of External Guide

PRABHANJAN
Chief technical officer
Scoutinent Technology Pvt Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 084

Prof. Vivek K
Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Solemnashilli, Hosaraghatta Road
Bangalore - 560 084

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
ACHARYA INSTITUTE OF GRADUATE STUDIES
Examiner 1:

Sign of Examiner 1:


Sign of Examiner 2:




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CERTIFICATE

This is to certify that PENUJURI NAGA PRANITHA - P18AJ22S126087 has completed the final project work entitled **MOCK INTERVIEW SYSTEM USING AI/ML AND IMAGE PROCESSING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies


Signature of External Guide
Ms. Aishwarya M S
Software Developer
Scontitent Technologies of Pvt.Ltd


Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 017
Signature of HoD
Prof. Vivek K
HoD, Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurusath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Sotadevanahalli, Hewaraghatta Road
Bengaluru - 560107

Sign of Examiner -1: _____
Examiner 1: _____
Examiner 2: _____


Sign of Examiner -2: _____



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CERTIFICATE

This is to certify that **Parajapati Kaushik - P18AJ22S126091** has completed the final project work entitled **JOB PORTAL** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Prof. Farzeen Basith

Signature of Internal Guide

Prof. Farzeen Basith

Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

R. Yashwanth Reddy

Signature of External Guide

JSPIDER'S DEVELOPMENT CENTER

(A Unit of Test Yantara Technologies (I) Pvt.Ltd.)
#78/1/1, 3rd Floor, Outer Ring Road, near to Acharya Techno
Software Developer
School, near G.M. Janki, Marathahalli,
Bengaluru, Karnataka - 560037

Dr. Ganesh Babu Vaidya

Signature of HOD

Department of Computer Applications

Acharya Institute of Graduate Studies

HOD, Department of MCA

Acharya Institute of Graduate Studies

Dr. Ganesh Babu Vaidya

Signature of Principal

Acharya Institute of Graduate Studies

Soladurga, Bengaluru - 560037

Bengaluru - 560037

Acharya Institute of Graduate Studies

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Sign of Examiner - 2: _____



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CERTIFICATE

This is to certify that RAKSHITHA DIVAKAR- P18AJ22S126055 has completed the final project work entitled AI Powered Air Quality Monitoring in Japan as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide



Signature of External Guide

Dr. BALAMURUGAN M
Associate Professor, Dept. MCA
Acharya Institute of Graduate Studies

Mr. Vinoth E
Chief Technical Offer
Edu Tantr Pvt. Ltd

Signature of HOD
Acharya Institute of Graduate Studies
Prof. Vivek K - 580 094

HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Toleraashahalli, Mysore, Karnataka
Dr. Gurunath Rao Vaidya

Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Examiner 1.....
Sign of Examiner 1.....
Examiner 2.....
Sign of Examiner 2.....

Sign of Examiner 2



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CERTIFICATE

This is to certify that Saurabh Kapasia – P18KAJ22S126083 has completed the final project work entitled Gamified Language Learning as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K

Assistant Professor

Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Prabhakaran

Software Developer

Scorniment Technologies Pvt. Ltd

Supervisor of Project

Mr. Aravind Kulkarni

HOOD Beneficiary SRMSEA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Ganarath Rao Varthya

Principal

Acharya Institute of Graduate Studies

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Bengaluru - 560103

Sign of Examiner - 2

Department of Computer Applications

Sign of Examiner - 1

Examiner 1

Examiner 2



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CERTIFICATE

This is to certify that **SIDHARTH KUMAR RANA – P18AJ22S126100** has completed the final project work entitled **ROLLO MAN E-COMMERCE** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Narasimha murthy G.K
Assistant Professor Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide

Sunil Kumar
Trainer
Res Technology

Signature of HOD:

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

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Soledevanahalli, Hesaraghatta Road
Bengaluru - 560107

Examiner 2: _____





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CERTIFICATE

This is to certify that **SREERAG K – P18AJ22S126078** has completed the final project work entitled **SIGN LANGUAGE RECOGNITION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Prof. Vivek K
Assistant Professor, Dept of MCA
Acharya Institute of Graduate Studies



Signature of External Guide
Mr. Vinoth E
Chief Technical Officer
Edu Tantra Pvt Lmt

Signature of HOD
Prof. Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

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This is to certify that **SUBHAM NATH - P18AJ22S126116** has completed the final project work entitled **BLOG MANAGEMENT SYSTEM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

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Narasimha Murthy G K

Assistant professor

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1. INTRODUCTION

1.1 PROJECT DESCRIPTION

Scarlet an Android application functions as an advanced driver-assistance system, enhancing road safety by utilizing the built-in sensors of smartphones. It utilizes the gyroscope sensor to precisely detect lane shifts and the geomagnetic sensor to track and log speed variations in real time. The application utilizes the gyroscope and geomagnetic sensors in modern Android devices to provide an accessible and effective solution for reducing accidents, keeping drivers attentive during crucial moments on the road.

The app uses the gyroscope sensor to continuously monitor lateral movements. When a lane shift is detected, the screen immediately turns red, accompanied by a "Lane Shift Detected" message to notify the driver of the drift. The direction of the shift (left or right) is recorded with a timestamp for future review. To enhance situational awareness, the app offers customizable sound alerts and push notifications, which can be enabled or disabled based on user preferences. This feature ensures drivers receive timely alerts without the need to constantly check the screen, promoting a hands-free, distraction-free experience.

The geomagnetic sensor monitors real-time speed changes, recording both the current and previous speeds along with the speed drop percentage. Whenever a speed change is detected, the app logs these values with a timestamp, providing the driver with detailed feedback on their driving behavior. All lane shifts and speed changes are recorded and stored locally, creating a comprehensive event history for drivers to review and analyses their past driving patterns. Each log entry includes key details such as the lane shift direction, current and previous speeds, speed drop percentage and corresponding timestamps, enabling users to identify unsafe behaviors and work towards improving their driving habits over time.

The app features an intuitive user interface that streamlines navigation, delivering a clear, real-time display of the current speed, lane shift direction, and recent events. It enhances driving safety by providing audio notifications and visual alerts, allowing drivers to remain informed without needing to engage in constant interaction.

In summary, this innovative Android application represents a substantial advancement in driver safety technology, offering sophisticated monitoring tools that are accessible to all drivers, irrespective of their vehicle type. By utilizing smartphone sensors, the app significantly enhances situational awareness through real-time alerts and promotes responsible driving behaviors through comprehensive performance tracking. Its intuitive interface and customizable features empower drivers to tailor the app to their specific needs, fostering a safer driving environment. As road safety continues to be a critical concern, this application exemplifies the potential of technology to empower drivers and reduce accidents, ultimately transforming everyday journeys into safer experiences.

Project Features

Lane Shift Detection helps the driver to stay within the lane, potentially reducing the risk of accidents due to unintentional lane drifting. By using gyroscope and geomagnetic sensor the app provides immediate feedback, helping drivers to correct their behavior in real-time.

Speed Change Detection provides insights into driving behavior, which can be useful for self-assessment or even for parental monitoring of young drivers.

Notification and Alerts ensures the users are aware of their behavior even if they are not actively monitoring the screen, providing a more user-friendly and safer experience.

Problems Being Addressed

Distracted driving many accidents occur because of distracted driving, when drivers unintentionally drift out of their lane or fail to notice a speed change.

Lane Departure Accidents is a major cause, especially on highways. The app's ability to detect lane shifts and alerts the drivers aims to reduce accidents by increasing drivers' awareness

Sudden Speed Changes sudden acceleration and deceleration can be dangerous, especially in congested traffic conditions. By monitoring speed changes, the app can alert drivers to avoid harsh braking or rapid acceleration.

Driver Behavior Analysis provide detailed information on lane shifts and speed changes allow drivers to evaluate their driving style over time.

8. CONCLUSION

The Scarlet application presents a robust solution to enhance driving safety by leveraging smartphone sensors to detect lane shifts and monitor speed changes. Through the use of the gyroscope sensor, the app accurately identifies lane deviations and provides immediate visual alerts by changing the screen colour to red, accompanied by a lane shift detection message. The geomagnetic sensor enables reliable speed monitoring, offering insights into speed variations with time-stamped records.

The app further promotes safer driving habits by giving users the option to enable notifications and audio alerts, ensuring essential information is conveyed without distracting the driver. Additionally, users can access detailed logs of lane shifts, speed changes, and historical driving data, allowing for performance tracking over time. Customization settings, such as enabling or disabling notifications, sound alerts, and database management, empower users to tailor the app to their preferences.

In conclusion, Scarlet bridges the gap between advanced driver assistance systems and smartphone technology, offering an accessible, cost-effective, and user-friendly safety tool for all drivers, regardless of their vehicle type. By facilitating situational awareness and responsible driving behaviour, the application has the potential to reduce accidents and make every day journeys safer.



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This is to certify that **Sunkara Vamsi Krishna (P18AJ22S126095)** has completed the 4th Sem project work entitled **Real Estate Listings Website** is a result of the bonafide work carried out during the academic year 2023-2024 under our supervision.

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This is to certify that Ajay B Kallur - P18A3218126108 has completed the final project work entitled DRIGHNA TECHNOLOGIES MOBILE APP: ENHANCING SERVICE EXPLORATION AND CUSTOMER ENGAGEMENT IN REAL TIME as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

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This is to certify that **AJAY RAJU RAJ C P-P18AJ22S126077** has completed the final project work entitled **LLM BASED TOOL FOR GENERATING HUMAN-LIKE RESPONSE TO NATURAL LANGUAGE INPUT** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

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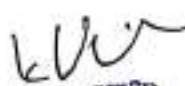
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


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Au Multidimensional Solutions Pvt. Ltd

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This is to certify that Manoj kumar R – P18AJ22S126O68 has completed the final project work entitled MOBILE SHOP MANAGEMENT as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under the supervision.

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Signature of External Guide
Romesh
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HOD, Department of MCA
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This is to certify that Megha K - P18AJ22S126023 has completed the final project work entitled **GEOSPATIAL VISUALIZATION OF POLLUTION DATA USING GEOPANDAS, PLOTLY, AND FOLIUM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


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ACHARYA INSTITUTE OF GRADUATE STUDIES**

CERTIFICATE

This is to certify that MUHAMMED AMJAD M – P18AJ22S126115 has completed the final project work entitled Event Management System as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Narasimha Murthy G K
Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies

External Guide

Mr. Prabhanjan
Chief technical officer
Scontinent Technology Pvt Ltd

Signature of HOD

Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 04
Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Acharya Institute of Graduate Studies
Heggaghatta Road,
Bangalore - 560 04
Dr. Gurunath Rao Vaidya HOD
Principal
Acharya Institute of Graduate Studies

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Department of Computer Applications	
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Examiner 2.....	




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CERTIFICATE

This is to certify that PENUJURI NAGA PRANITHA - P18AJ22S126087 has completed the final project work entitled **MOCK INTERVIEW SYSTEM USING AI/ML AND IMAGE PROCESSING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies


Signature of External Guide
Ms. Aishwarya M S
Software Developer
Scontitent Technologies of Pvt.Ltd


Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 017
Signature of HoD
Prof. Vivek K
HoD, Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurusath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Sotadevanahalli, Hewaraghatta Road
Bengaluru - 560107

Sign of Examiner -1: _____
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Examiner 2: _____


Sign of Examiner -2: _____



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CERTIFICATE

This is to certify that **Rakhi Kumari- P18AJ22S126086** has completed the final project work entitled **MEDIHUB MERN-STACK HEALTH BRIDGE** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide

Prof. RAJESH RAO K
Assistant professor
Acharya Institute of Graduate Studies


Signature of External Guide

SUNIL KUMAR
Trainer
RCS Technology


Signature of HOD
Department of Computer App
Acharya Institute of Graduate Studies
Prof. VIVEK K
HQD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Acharya Institute of Graduate Studies
Dr. GURUNATH VAIDYA
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

Examiner 1: 

Examiner 2: 

Examiner 2: 




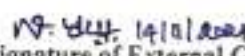
DEPARTMENT OF MCA

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CERTIFICATE

This is to certify that Sameer Ahmed H F – P18AJ22S126106 has completed the final project work entitled **CLOUD BASED RECRUITMENT APPLICATION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Prof. Rajesh Rao K
Assistant Professor
Acharya Institute of Graduate Studies


Signature of External Guide
Yogamanikanda Raja S N
Salesforce Tech Lead
Champion Infometrics | Lake B2B


Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek M
Bangalore - 560 076
HOD, Department of MCA
Acharya Institute of Graduate Studies


Principal
Signature of Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hebbal Road
Dr. Gurunata Rao Yaidya
Bangalore - 560 077
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

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Examiner-2: _____

Examiner-2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Saurabh Kapasia – P18KAJ22S126083 has completed the final project work entitled Gamified Language Learning as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K

Assistant Professor

Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Prabhakaran

Software Developer

Scorniment Technologies Pvt. Ltd

Signature of **Princip**

Mr. Ganarath Rao Varthya
M.A. Degree in the field of Graduate Studies

HOOD Beneficiary SRMSEA

Acharya Institute of Graduate Studies

Signature of **Principal**

Dr. Ganarath Rao Varthya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soleadershanahalli, Hoazhagharaha Road
Bengaluru - 560103

Sign of Examiner - 2

Department of Computer Applications

Sign of Examiner - 1

Examiner 1

Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SHRIVATSA U SIRDESHPANDE - P18AJ22S126038** has completed the final project work entitled **DYNAMIC PRICING STRATEGY USING MACHINE LEARNING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
NARASIMHA MURTHY G K
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide
HARISH KUMAR YERAGOLLA
AI Engineer
EDU TANTR PVT LTD

Signature of HOD
HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek Kulkarni - 560 014
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Principal
Acharya Institute of Graduate Studies
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Examiner 01: _____

Department of Computer Applications
VALUED
Examiner 1: _____
Examiner 2: _____

Examiner 02: _____



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CERTIFICATE

This is to certify that Sindhu H -P18AJ22S126117 has completed the final project work entitled Meeting Scheduler and reminder as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Prof. FARZEEN BASITH

Assistant Professor

Acharya Institute of Graduate Studies



External Guide

HAREESH

Technical Manager

Technofly Solution

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. VYER K
Bangalore - 560 046

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal
Principal
Acharya Institute of Graduate Studies
Dr. GURUNATH RAO VAIDYA
Solvay Institute, Hesarahalli Road,
Bangalore - 560 107

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of VALUED
Examiner 1.....
Examiner 2.....
17/10/24

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CERTIFICATE

This is to certify that SNEHA VV – P18AJ22S126067 has completed the final project work entitled FREQUENT SEQUENTIAL PATTERN IN SEQUENCE DATABASE USING SPADE as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.



[Signature]
Signature of Internal Guide

Prof. Nagaraju M L
Assistant Professor, Department of MCA
Acharya Institute of Graduate Studies

Signature of External Guide

MR. Vinoth E
Chief technical Officer
Edu Tantr Pvt Ltd

[Signature]
Signature of HOD

Department of Computer Applications
Prof. Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

[Signature]
Signature of Principal

Acharya Institute of Graduate Studies
Soladivillage, Soladiv Road,
Bengaluru - 560 107
Principal
Acharya Institute of Graduate Studies

Sign of Examiner – 1: VALUDD

Department of Computer Applications
Examiner 1.....
Examiner 2.....

Sign of Examiner – 2:

[Signature]



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CERTIFICATE

This is to certify that **SREERAG K - P18AJ22S126078** has completed the final project work entitled **SIGN LANGUAGE RECOGNITION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Vivek K

Assistant Professor, Dept of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Mr. Vinoth E

Chief Technical Officer

Edu Tantra Pvt Ltd

Signature of HOD

Department of Computer Applications
Acharya Institute of Graduate Studies
HOD, Department of MCA

Acharya Institute of Graduate Studies

Principal

Acharya Institute of Graduate Studies
Soladevsnahalli, Hesaraghatta Road,
Bangalore - 560 081

Principal

Acharya Institute of Graduate Studies



Examiner-1:

Examiner 1

Examiner 2

Examiner-2: _____



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CERTIFICATE

This is to certify that **Srikant Pandey - P18AJ22S126088** has completed the final project work entitled **NAMMA HAAT E-Commerce** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide

Prof Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of External Guide


Sunil Kumar
Trainer
Res Technology


Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Heasarehatta Road
Bengaluru - 560107

Department of Computer Applications

Examiner 1: VALUED

Examiner 1: _____

Examiner 2: _____

Examiner 2: 



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SUBHASH H S – P18AJ22S126082** has completed the final project work entitled **CLOUD BASED RECRUITMENT APPLICATION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide
Yogamanikanda Raja S N
Salesforce Tech Lead
Champion Infometrics / Lake B2B

Signature of HoD
Prof. Achyut K R
HoD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hecaraghatta Road
Bengaluru - 560107

Department of Computer Applications	
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Sign of Examiner-1:	
Examiner 1
Examiner 2

Sign of Examiner-2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SUMIT KUMAR SHARMA (USN-P18AJ22S126112)** has completed the final project work entitled **MULTIPLE FACE AI ATTENDANCE TRACKER** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K

Professor, Department of MCA

Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Sunil Kumar

Technical Manager

RCS Technology

Signature of HoD

Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 094

HoD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soledevanahalli, Hesaraghatta Road
Bengaluru - 560107



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CERTIFICATE

This is to certify that **UPPARA SAI VAMSI - P18AJ22S126080** has completed the final project work entitled **TRIP EXPENSES TRACKER** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide

Dr. Balamurugan M
Associate professor
Acharya Institute of Graduate Studies


Signature of External Guide

Keshava
Trainer
Jspiders


Department of Computer Applications
Signature of HOD
Bangalore - 560 09.

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Principal
Acharya Institute of Graduate Studies
Siddaganga Hall, Bangalore
Dr. Gurumath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Examiner 1: 
Examiner 2: _____

Examiner 2: _____



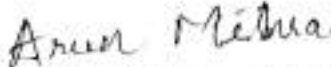
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that UTKARSH KAYASTH - P18AJ22S126085 has completed the final project work entitled PREDICTING ENERGY CONSUMPTION USING MACHINE LEARNING as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.



Signature of Internal Guide

Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies


Signature of External Guide

Mr. Arun Mishra
Chief IT Department
Tata Steel UISL


Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
HoD, Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Sign of Examiner-1: 
Department of Computer Applications
Examiner 1.....
Examiner 2.....

Sign of Examiner-2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that ZAIN AL FAISAL – P18AJ22S126098 has completed the final project work entitled Employee Attendance and Time off Management System as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Internal Guide

Narasimha Murthy G K
Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies

External Guide

Mr. Prabhanjan
Chief technical officer
Scontinent Technology Pvt Ltd




Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek K.

Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Acharya Institute of Graduate Studies
Siddaganga Hills, Bangalore - 560 107
Dr. Gurunath Rao Vaidya HOD
Principal

Acharya Institute of Graduate Studies

Sign of Examiner – 1: _____

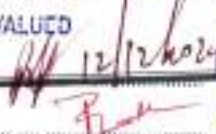
Sign of Examiner – 2: _____

Department of Computer Applications

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Examiner 1

Examiner 2





ACHARYA
 Department of MCA
 Acharya Institute of Graduate Studies

CERTIFICATE

This is to certify that **A Welfred Prajwal - P18AJ22S126007** has completed the final project work entitled **Finding Frequent Sequential Patterns in Sequence Databases Using PrefixSpan Algorithm** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
 Assistant Professor, Dept of MCA
 Acharya Institute of Graduate Studies



Signature of External Guide
 Vinoth E
 Chief Technical Officer
 Edu Tantr Pvt Lmt

Signature of HOD
 Acharya Institute of Graduate Studies
 Bangalore - 560 096

Mr. Vivek K
 Assistant Professor, Dept of MCA
 Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
 Principal
 Acharya Institute of Graduate Studies
PRINCIPAL
 Acharya Institute of Graduate Studies
 Soladevanahalli, Heeraghatta Road
 Bengaluru - 560107

Department of Computer Applications

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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that AKSHAY AP – P18AJ22S126076 has completed the final project work entitled **ENHANCING HYBRID NEURALNETWORK FOR DETECTING AI GENERATED TEXT USING LINGUISTIC PATTERN** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

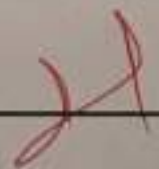

Signature of Internal Guide
Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide
Mr. Vinod E
Chief technical Officer
Edu Tantr Pvt Ltd




Signature of HoD
Prof. Vivek k
HoD, Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahatti, Hecaraghatta Road
Bengaluru - 560107

Sign of Examiner-1: 

Sign of Examiner-2: 



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Department Of MCA

Acharya Institute of Graduate Studies

CERTIFICATE

This is to certify that **Anusha Jagod – P181J22S126010** has completed the final project work entitled **EXPLORING ASSOCIATION RULES IN PATTERN MINING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide

Vinoth E
Chief Technical Officer
Edu Tantr Ventures Pvt. Ltd



Signature of HoD
Department of Computer Applications
Acharya Institute of Graduate Studies

Bangalore - 560 096
Prof. Vivek K
HoD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Heeraghatta Road
Bengaluru - 560107

Department of Computer Applications
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Examiner 1.....
Examiner 2.....

Sign of Examiner 2




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CERTIFICATE

This is to certify that **BAVTIS BASTYANV DIAS – P18AJ22S126004** has completed the final project work entitled **Performance Evaluation of PAMI Algorithms** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide


Prof. NAGARAJU M L
Asst. Professor, Dept. MCA
Acharya Institute of Graduate Studies

Signature of External Guide


Mr. VINOTH E
Chief Technical Officer
Edu Tantr Pvt. Ltd




Signature of HOD
Department of Computer Applications
Prof. Vivek K
Acharya Institute of Graduate Studies
Bangalore - 560 044
HOD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Acharya Institute of Graduate Studies
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

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Examiner 2..... 

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CERTIFICATE

This is to certify that **DEVARASI RAMI REDDY- P18AJ22S126001** has completed the final project work entitled **CROP RECOMMENDATION SYSTEM UASING MACHINE LEARING TECHNIQUES** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Murthy
Signature of Internal Guide

Narasimha Murthy GK
Assistant professor
Acharya Institute of Graduate Studies

TECHNOFLY SOLUTIONS
Date: _____
Sign.: *Romesh*
Signature of External Guide
BANGALORE

Romesh
Trainer
Techno Fly solutions

KVK
Signature of HOD
HOD

Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. V. Venk. K. S. G. O. U.
HOD Department of MCA
Acharya Institute of Graduate Studies

Govinda
Signature of Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hesareghatta Road
Bangalore - 560 163
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Examiner 1: _____

Examiner 2: _____

Department of Computer Applications
VALUED
Examiner 1: *Sop 10/12/24*
Examiner 2: *AK 10/12/24*



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **DHANUSH C (USN-P18AJ22S126014)** has completed the final project work entitled **A Fog Centric Cloud Secure Scheme** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Deepti A R

Professor, Department of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Ms. Josna. F

Cloud Engineer

Webblitz Softwares

Signature of HoD
Department of Computer Applications

Acharya Institute of Graduate Studies

Bangalore - 560 096

HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies

Soledevanahalli, Hesaraghatta Road

Bangaluru - 560107

Department of Computer Applications

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Examiner 2.....

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CERTIFICATE

This is to certify that **GIRISH H R (P18AJ22S126025)** has completed the final project work entitled **PHISHCATCHER: CLIENT-SIDE DEFENSE AGAINST WEB SPOOFING ATTACKS USING MACHINE LEARNING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of External Guide

Rakshitha,
Python Developer,
webblitz Software.

Prof. Nagaraju M L
Assistant Professor
Acharya Institute of Graduate Studies

Mr. V. Venkatesh,
HOD Department of MCA,
Acharya Institute of Graduate Studies.

Dr. Gurunath Rao Vaidya,
Principal
Acharya Institute of Graduate Studies,
Soledevanahalli, Hesarachhatta Road,
Bengaluru - 560 107

Department of Computer Applications
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Examiner 1.....
Examiner 2.....
Date: 10/12/2024

Sign of Examiner 2



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CERTIFICATE

This is to certify that Gopika T P18AJ22S126073 has completed the final project work entitled "VENDOR RECOMMENDATION SYSTEM" as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Farzeen Basith
Assistant Professor
Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Sivasankar
Data Analytics
L&T constructions

Signature of HOD

Prof. Vivek
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate

PRINCIPAL

Acharya Institute of Graduate Studies
Soledevanahalli, Hosanghatta Road
Bengaluru - 560107

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CERTIFICATE

This is to certify that Gopika T P18AJ22S126073 has completed the final project work entitled "VENDOR RECOMMENDATION SYSTEM" as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Farzeen Basith
Assistant Professor
Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Sivasankar
Data Analytics
L&T constructions

Signature of HOD

Prof. Vivek
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate

PRINCIPAL

Acharya Institute of Graduate Studies
Soledevenahalli, Heersighetta Road
Bengaluru - 560107

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CERTIFICATE

This is to certify that **Hemanth Girimath - P18AJ22S126059** has completed the final project work entitled **Text to Sql** as partial fulfillment of the award of a Master of Computer Applications degree, during the year 2023-2024 under our supervision.

Signature of Internal Guide
Narasimha Murthy
Assistant Professor
Acharya Institute of Graduate Studies

Signature of External Guide
Indranial De Sarkar
AI Engineer
Ardent

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Dr. Govanath Rao, Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Signature of Examiner -1:
VALUED
Examiner 1.....
Examiner 2.....

Signature of Examiner -2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that JAYASIMHA R ARKACHARI has completed the final project work entitled EXAM HALL VERIFICATION USING QR CODE as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

DR.BALAMURUGAN M
Associate Professor
Acharya Institute of Graduate Studies



Signature of External Guide

SOWJANYA LATHA.N
HR
Au Multidimensional Solutions Pvt. Ltd

Signature of **HOD**
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 076
HOD
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of **Principal**
DR.GURUNATH RAO VAIDYA
Principal
Acharya Institute of Graduate Studies
Soledevanahalli, Hesaraghatta Road,
Bangalore - 560 107
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner-1: 10/12/24
Examiner 2: 10/12/24

Sign of Examiner-2: _____



DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that KARTHIK J B (P18AJ22S126017) has completed the final project work entitled "A VERIFIABLE AND FAIR ATTRIBUTE-BASED PROXY RE-ENCRYPTION SCHEME FOR DATA SHARING IN CLOUDS" as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

[Handwritten Signature]
Signature of Internal Guide

Prof. Nagaraju M L
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide

Josna
Software Developer
WebBlitz Software Pvt Ltd

[Handwritten Signature]
Signature of HOD
Department of Computer Applications,
Acharya Institute of Graduate Studies
HOD Department of MCA

Acharya Institute of Graduate Studies

[Handwritten Signature]
Principal
Acharya Institute of Graduate Studies
Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Sign of Examiner - 1: VALUED
Examiner 1: *[Signature]*
Examiner 2: *[Signature]*

Sign of Examiner - 2: _____



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DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Keerthana TV-P18AJ22S126020 has completed the final project work entitled **REAL TIME CHAT APPLICATION WITH NEWS AND WEATHER FORECASTING** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide

Mrs. N Sowjanya latha
Organizational Manager
Au Multidimensional Solutions

Signature of HOD

HOD

Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek K - 560 040

HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesareghatta Road
Bengaluru - 560107

Examiner- 2: _____

Department of Computer Applications
VALUED
Examiner-1: _____
Examiner 2: _____
SOP 10/12/2024
R 10/12/2024



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Keerthi.G - P18AJ22S126015 has completed the final project work entitled "Discovering Knee Osteoarthritis Using CNN Enhanced With Alex Net" as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Prof. Rajesh Rao K
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide
Mrs. Sowjanya Latha
HR - ORM
Au Multidimensional Solutions

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Dr. Gurumath Rao Vaidya
Soladevanahalli, Heeralakshmi Road,
Bengaluru - 560 107
Acharya Institute of Graduate Studies

Department of Computer Applications
Examiner- 1: VALUED
Examiner 1.....
Examiner 2.....

Examiner- 2: _____



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CERTIFICATE

This is to certify that LAILA R – P18AJ22S126019 has completed the final project work entitled HSE-INCIDENT MANAGEMENT SYSTEM as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

DR.BALAMURUGAN.M
Acharya Institute of Graduate Studies



Signature of External Guide

SUNIL GANGADHAR
GPS GENEWABLES

Signature of HOD
Acharya Institute of Graduate Studies
Bengaluru - 560 076

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta
Bengaluru - 560 107

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies





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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that LAILA R – P18AJ22S126019 has completed the final project work entitled **HSE-INCIDENT MANAGEMENT SYSTEM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

DR.BALAMURUGAN.M
Acharya Institute of Graduate Studies



Signature of External Guide

SUNIL GANGADHAR
GPS GENEWABLES

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Soledevanahalli, Hesaraghatta Road
Bangalore - 560 107

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Examiner 1.....
Examiner 2.....
10/11/2024



DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **MADAN B ONKAR - P18AJ22S126021** has completed the final project work entitled **FAKE PRODUCT IDENTIFICATION BY QR CODE USING BLOCK CHAIN** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Ms. Farzeen Basith
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide

Keerthana
Trainer
TechCiti Software Consulting Pvt.Ltd

Signature of **Prof. Vivek K**
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of **Dr. Gurunath Rao Vaidya**
Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bangalore - 560 107

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Sign of Examiner - 1: S.S.P. 10/12/2024

Examiner 1: _____

Examiner 2: [Signature] 10/12/2024

Sign of Examiner - 2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **MOHAMMED ADHIL M (USN-P18AJ22S126058)** has completed the final project work entitled **EMO TALE: SHAPING NARRATIVE TRAJECTORIES WITH READER'S AFFECTIVE STATES** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Assistant Professor, Dept of MCA
Acharya Institute of Graduate Studies



Signature of External Guide

Mr. Vinoth E
Chief Technical Officer
Edu Tantra Pvt Lmt

Signature of HOD

Department of
Acharya Institute of Graduate Studies
Bangalore - 560 096

Mr. Vivek K
Assistant Professor, Dept of MCA
Acharya Institute of Graduate Studies

Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Heeraghatta
Bangalore - 560

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner 1
VALUED

Examiner 1:

Examiner 2:

Sign of Examiner 2



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CERTIFICATE

This is to certify that NAGAMANI H J (USN-P18AJ22S126029) has completed the final project work entitled **MULTIPLE OBJECT DETECTION USING YOLO V3 ALGORITHM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

[Handwritten Signature]
Internal Guide

Prof. Nagaraju M L
Asst. Professor, Department of MCA
Acharya Institute of Graduate Studies

[Handwritten Signature]
External Guide
Mrs. N Sowjanya Latha
Organizational Manager
Au Multidimensional Solutions

[Handwritten Signature]
Signature of HoD
Department of Computer App
Prof. Vijay K
Acharya Institute of Graduate Studies
Bangalore - 560 017
HoD, Department of MCA
Acharya Institute of Graduate Studies

[Handwritten Signature]
Signature of Principal
Acharya Institute of Graduate Studies
Dr. Gurunath Rao Vaidya
Soladevanahalli, He
Principal - 560 107
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner 1
Examiner 1.....
Examiner 2.....

Sign of Examiner 2



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Nikhil S – P181J22S126030 has completed the final project work entitled **EVALUATION OF APRIORI ALGORITHM PERFORMANCE IN PAMI, MLXTEND, AND EFFICIENT-APRIORI LIBRARIES** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Deepti A R

Professor, Dept. of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Mr. Vinoth E

Chief Technical Officer

Edu Tantr Ventures Pvt. Ltd

Department of Computer Applications,
Acharya Institute of Graduate Studies,
Prof. Vivek K
Bengaluru - 560 084

HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soledevanahalli, Hesaraghatta Road
Bengaluru - 560107

Sign of Examiner 2


Department of Computer Applications
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Examiner 1
Examiner 2




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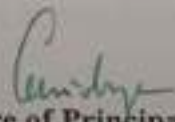
CERTIFICATE

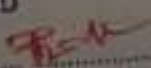
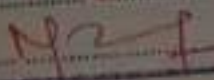
This is to certify that NUTHAN B C (USN-P18AJ22S126031) has completed the final project work entitled **SECURE CLOUD DATA DEDUPLICATION WITH EFFICIENT RE-ENCRYPTION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Dr. Deepti A R
Professor, Department of MCA
Acharya Institute of Graduate Studies


Signature of External Guide
Ms. Josna Fernandes
Cloud Engineer
Webblitz Softwares


Signature of HoD
Department of Computer Applications,
Acharya Institute of Graduate Studies
Bangalore - 560 044
Mr. Vivek K
HoD, Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soledevanahalli, Hexaraghatta Road
Bengaluru - 560107

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Examiner 2 
Examiner 2.....

Sign of Examiner 2



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CERTIFICATE

This is to certify that POOJA M V - P18AJ22S126042 has completed the final project work entitled FRONESIS: EARLY DETECTION OF ONGOING CYBER-ATTACKS USING DIGITAL FORENSICS as a partial fulfillment of the award of a Master Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Dr. A R Deepti
Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide
Rakshitha
Software developer
Web Blitz software

Signature of HoD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 076
Prof. Vivek K
HoD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

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Sign of Examiner 1
Examiner 1.....
Examiner 2
Examiner 2.....

Sign of Examiner 2



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that POOLA MEGHANA- P18AJ22S126092 has completed the final project work entitled GOODNESS GIFT as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Dr. BALAMURUGAN M
Associate Professor
Acharya Institute of Graduate Studies



Signature of External Guide
Mr. Keshava
Trainer
JSPIDERS

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 094
Prof. V. K. RAO

HOD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Solade, Bengaluru - 560 107
Dr. Gurupath Reddy
Principal

Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner -1: VALUED
Examiner 1.....
Examiner 2.....

Sign of Examiner -2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SWEKSHA TRIPATHI – P18AJ22S126104** has completed the final project work entitled **Data Driven Decision Making IT Platform** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

[Handwritten Signature]
Prof. Nagaraju M L

Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies

Signature of External Guide

[Handwritten Signature]
Gajendra Singh

Python Web Developer
For The Next Generation

[Handwritten Signature]
HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

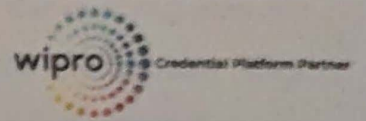
[Handwritten Signature]
Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road,
Bangalore - 560 107

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Examiner 1.....
Examiner 1.....
Examiner 2.....

Examiner 2.....

CERTIFICATE



INTERNSHIP CERTIFICATE

THIS IS TO CERTIFY THAT

Akshay AP

Successfully completed a 3 Months of Artificial Intelligence / Data Science
internship program at EDU TANTR from July 2024 to October 2024

VINOTH
Education Coordinator

Scan to verify

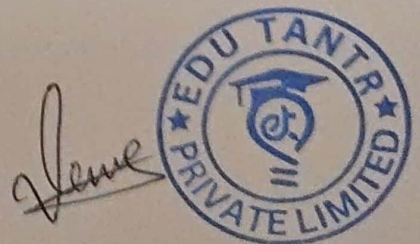


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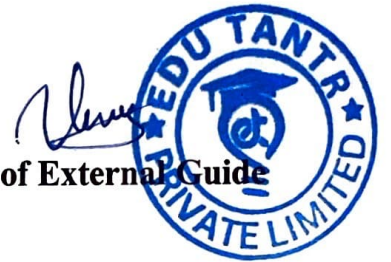
CERTIFICATE

This is to certify that **ANANDI K – P181J22S126002** has completed the final project work entitled **Finding Top K Frequent Subgraphs In Graph Database Using TKG** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Nagaraju M L
Assistant Professor
Acharya Institute of Graduate Studies

Signature of External Guide



Vinoth E
Chief Technical Officer
Edu Tantr Ventures Pvt Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Principal
Acharya Institute of Graduate Studies
Soladavashelli, Bengaluru Road
Bengaluru - 560 107

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner - 1:
Examiner 2:

Sign of Examiner - 2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **Bharatraj D Naik – P18AJ22S126009** has completed the final project work entitled **FAST DATA: A Fair, Secure and Trusted Decentralized IIoT Data Marketplace enabled by Blockchain** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Rajesh Rao K

Assistant Professor, Dept. MCA

Acharya Institute of Graduate Studies

Signature of External Guide

Joshna

Software Developer

Web Blitz Software



Signature of HOD

Department of Computer Applications,
Acharya Institute of Graduate Studies,
HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road,
Bengaluru - 560 107

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies



Examiner 1.....

Examiner 1.....

Examiner 2.....

Examiner 2.....



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that BINDURANI H R (P18AJ22S126006) has completed the final project work entitled "NEWS SENTIMENT ANALYSIS" as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. FARZEEN BASITH

Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide

SHILPA R

Associate Architect
Encora Innovation Labs

Signature of HOD
HOD Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Principal
Dr. Gururath Rao Vaidya
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road,
Bangalore - 560 107

Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Sign of Examiner 1

Examiner 1..... *SEP 10/24*

Examiner 2..... *[Signature]*

Sign of Examiner 2

COMPANY CERTIFICATE



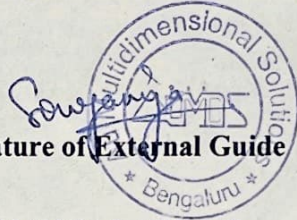
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that DEEVANKUMAR J has completed the final project work entitled MULTIPLE DISEASES PREDICTION USING MACHINE LEARNING as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

DR. BALAMURUGAN M
Associate Professor
Acharya Institute of Graduate Studies



Signature of External Guide

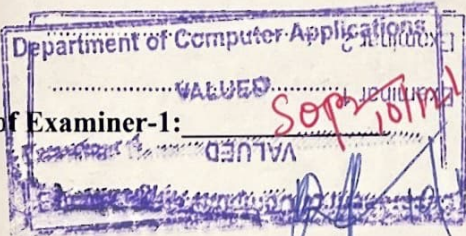
SOWJANYA LATHA.N
HR
Au Multidimensional Solutions Pvt. Ltd

Signature of HOD
Acharya Institute of Graduate Studies,
VIVEK K.
Bangalore - 560 096

HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
DR. GURUNATH RAO VAIDYA

Principal
Acharya Institute of Graduate Studies



Sign of Examiner-1: _____

Sign of Examiner-2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **GAGAN B C - P18AJ22S126027** has completed the final project work entitled **BREWMASTER – PERFECTING EVERY BREW** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Dr. Deepti A R

Professor, Dept of MCA

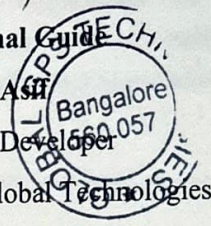
Acharya Institute of Graduate Studies

External Guide

Abdul Asif

Flutter Developer

GPS Global Technologies


HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 090
Prof. V. Venkatesh

HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications
VALUED
Sign of Examiner 1
Examiner 2
10/12/24


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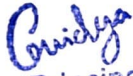
CERTIFICATE

This is to certify that **GOPI K N P18AJ22S126119** has completed the final project work entitled **“EFFICIENT ML ALGORITHM FOR FUTURE GOLD PRICE PREDICTION ”** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Prof. Nagaraju M L
Assistant Professor
Acharya Institute of Graduate Studies


Signature of External Guide
Ms. Kasthuri K
Software Developer
Techciti Software Consulting


Signature of HOD
HOD Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096
Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Principal
Acharya Institute of Graduate Studies
Solebavahalli, Rajahmundry Road
Bapatla - 522 001
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner - 1: 
Examiner 1.....
Examiner 2.....

Sign of Examiner - 2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that JENCY LANET (USN-P18AJ22S126013) has completed the final project work entitled **EFFICIENT PRIVACY PRESERVING CREDIT CARD SCORE** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

[Handwritten Signature]
Internal Guide

Prof. Nagaraju M L
Asst. Professor, Department of MCA
Acharya Institute of Graduate Studies



External Guide
Mrs. N Sowjanya latha
Organizational Manager
Au Multidimensional Solutions

[Handwritten Signature]
Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096
HOD, Department of MCA
Acharya Institute of Graduate Studies

[Handwritten Signature]
Principal
Acharya Institute of Graduate Studies
Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner 1
Examiner 1
Examiner 2

Sign of Examiner 2



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CERTIFICATE

This is to certify that KAVYA MATHAD (P18AJ22S126018) has completed the final project work entitled "DEDICATED SUPPLIER PORTAL PORTLET FOR SUPPLIER REQUEST FOR QUOTATION (RFQ)" as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

m. nagaraju
Signature of Internal Guide
Prof. Nagaraju M L
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Vinitha
Signature of External Guide
Vinitha
Project Manager
Pepperl+Fuchs India Pvt Limited

K. K. K.
Signature of HOD
Prof. K. K. K.
HOD Department of MCA
Acharya Institute of Graduate Studies

Gurunath
Signature of Principal
Dr. Gurunath Rao Valdya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner 1
Examiner 1.....
Examiner 2.....
SOP 10/12/2024
M. K. K. 10/12/2024

Sign of Examiner 2



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CERTIFICATE

This is to certify that PAVAN AV – P18AJ22S126034 has completed the final project work entitled **Improving Cardiovascular Disease Prediction: Machine Learning and Cross-Fold Validation** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

N Murthy

Signature of Internal Guide

Narasimha Murthy G K

Assistant Professor, Dept of MCA

Acharya Institute of Graduate Studies

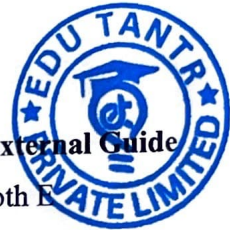
Vinoth E

Signature of External Guide

MR. Vinoth E

Chief Technical Officer

Edu Tantr Pvt Ltd



Vivek K

Signature of HOD Applicant
Department of MCA
Acharya Institute of Graduate Studies
Bangalore - 560 096

HOD Department of MCA

Acharya Institute of Graduate Studies

Gurunath Rao Vaidya

Signature of Principal

Principal
Acharya Institute of Graduate Studies
Dr. Gurunath Rao Vaidya
Soladevanahalli, Hesaraghatta Road,
Bangalore - 560 107

Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner - VALUED
Examiner 1: *RS*
Examiner 2: *YF*

Sign of Examiner -2: _____



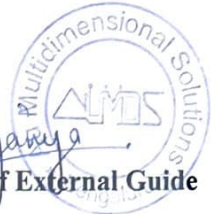
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **Prathwish U Naik- P18AJ22S126032** has completed the final project work entitled **CLIENT TURNOVER ANTICIPATION** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Rajesh Rao K
Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies



Signature of External Guide

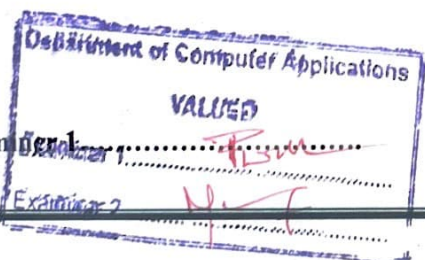
Sowjanya Latha N
HR
Au Multidimensional Solutions

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Principal
Acharya Institute of Graduate Studies
Soledevanahalli, Hesaraghatta Road

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies



Examiner 1.....

Examiner 2.....



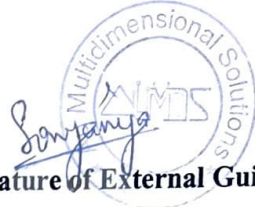
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **PURUSHOTHAMA - P18AJ22S126035** has completed the final project work entitled **FAKE CURRENCY DETECTION USING MACHINE LEARNING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Narasimha Murthy G K
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide

Sowjanya Latha N
HR
Au Multidimensional Solutions

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096
Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

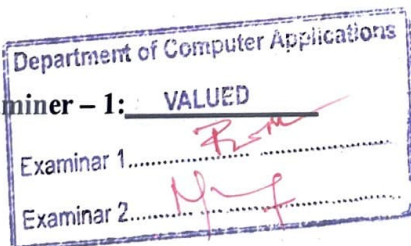
Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Sign of Examiner – 1: _____



Sign of Examiner – 2: _____



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **REVANTH V (USN-P18AJ22S126053)** has completed the final project work entitled **PRIVACY PRESERVING DATA ENCRYPTION STRATEGY FOR BIG DATA IN MOBILE CLOUD COMPUTING** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Balamurugan M

Associate Professor, Department of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Ms. Josna Fernandes

Cloud Engineer

Webblitz Softwares

Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru-560 096

Prof. Vivek K

HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurnath Rao Vaidya

Principal

Acharya Institute of Graduate Studies



Department of Computer Applications

VALUED

Sign of Examiner 1

Examiner 1.....*Dr. Josna*

Examiner 2.....*Mr. B*

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Rupa Das - P18AJ22S126057 has completed the final project work entitled E-COMMERCE WEBSITE-USING-MERN-STACK as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Farzeen Basith

Assistant Professor, Dept of MCA

Acharya Institute of Graduate Studies

Signature of External Guide

Sunil Kumar

Software Developer

RCS Technology PVT LTD

HOD
Department of Computer Applications,
Acharya Institute of Graduate Studies,
Bangalore - 560 096

Prof. Vivek K

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies,
Soladevenahalli, Hesaraghatta Road,
Bengaluru - 560 107

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Examiner 1.....

Examiner 2.....



DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Samuel Emmanuel Kaunda – P18AJ22S126072 has completed the final project work entitled AI-Enhanced Agricultural System as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Farzeen Basith
Associate Professor
Acharya Institute of Graduate Studies

Signature of External Guide

Romesh K
Python Developer
Technofly Solutions

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 046
HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal
Principal
Acharya Institute of Graduate Studies
Solid, Gachai, Hesaraghatta Road,
Bangalore - 560 046

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications	
VALUED	
Signature of Examiner 1:	
Examiner 1.....	
Signature of Examiner 2:	
Examiner 2.....	

Signature of Examiner 2:



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **Shafir P K – P18AJ22S126050** has completed the final project work entitled **TRANSLOOM: SEAMLESS MULTILINGUAL TRANSLATION FOR YOUR WEBSITE** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. BALAMURUGAN M
Associate Professor, Dept. MCA
Acharya Institute of Graduate Studies

Signature of External Guide



Mr. MANSOOR AHMED
Founder & CEO
Marvix Solutions Pvt. Ltd

HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 56

HOD Department of MCA
Acharya Institute of Graduate Studies

Principal
Acharya Institute of Graduate Studies
Sole Devanahalli, Hesarachatta Road,
Bengaluru - 560 107

Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner 1
Examiner 1.....
Examiner 2.....

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SIRISHA M - USN-P18AJ22S126052** has completed the final project work entitled **Optimized Proactive Recovery in Erasure-Coded Cloud Storage Systems** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Prof. Nagaraju M L

Assistant. Professor, Department of MCA
Acharya Institute of Graduate Studies



External Guide

Ms. Josna Fernandes

Cloud Engineer
Webblitz Softwares

HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 096

Signature of HOD

Prof. Vivek K

HOD, Department of MCA
Acharya Institute of Graduate Studies

Principal
Acharya Institute of Graduate Studies
Sri Jagadishwari, Basavanagara Road,
Bengaluru - 560 107

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

Sign of Examiner 1

Examiner 1:

Examiner 2:

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **VEERESH B N (USN-P18AJ22S126043)** has completed the final project work entitled **MUSIC GENERATION USING LSTM NETWORKS** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Prof. Farzeen Basith

Asst. Professor, Department of MCA

Acharya Institute of Graduate Studies



External Guide

Mrs. N Sowjanya Latha

Organizational Manager

Au Multidimensional Solutions Pvt. Ltd.

Signature of HoD

Department of Computer Applications,

Acharya Institute of Graduate Studies,

Bangalore - 560 041,
HoD, Department of MCA

Acharya Institute of Graduate Studies

Principal

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta,

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Sign of Examiner 1

Examiner 1.....

Examiner 2.....

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that VIPIN VISWANATH – P18AJ22S126070 has completed the final project work entitled TicketSure as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Prof. Balamurugan
Associate Professor, Dept. MCA
Acharya Institute of Graduate Studies

Signature of External Guide

Vishnu
Chief Technical Officer
Techmindz Pvt. Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 096

Prof. Vivek K

HOD Department of MCA
Acharya Institute of Graduate Studies

Principal
Signature of Principal
Acharya Institute of Graduate Studies
Soledevanahalli, Hosaraghatti
Bengaluru - 560 096

Dr. Gurnath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner 1
Examiner 1.....
Examiner 2.....

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that YAMINI K (USN-P18AJ22S126054) has completed the final project work entitled DEEP LEARNING APPROACHES TO PM2.5 DATA: FROM FORCASTING TO INSIGHTS as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Dr. BALAMURUGAN M
Associate Professor, Department of MCA
Acharya Institute of Graduate Studies



Signature of External Guide
Mr. HAREESH
AI Engineer
Edu tantr pvt limited

Department of MCA
Signature of HOD
Acharya Institute of Graduate Studies
Prof. Vivek K - 560 096
HOD Department of MCA
Acharya Institute of Graduate Studies

Principal
Acharya Institute of Graduate Studies
Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications

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Examiner 1.....
Examiner 2.....

Sign of Examiner 2



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that ANIK DASGUPTA – P18AJ22S126060 has completed the final project work entitled “Customer Segmentation and Recommendation System for Optimal Sales” as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Head Of the Department
Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Indranil De Sarkar
AI Engineer
Ardent Computech Pvt. Ltd.

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 099
HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications

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Examiner 2



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that ANIK DASGUPTA – P18AJ22S126060 has completed the final project work entitled “Customer Segmentation and Recommendation System for Optimal Sales” as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Head Of the Department
Acharya Institute of Graduate Studies

Signature of External Guide

Mr. Indranil De Sarkar
AI Engineer
Ardent Computech Pvt. Ltd.

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 099
HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications

VALUED

Examiner 1

Examiner 2

Examiner 2



DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that APOORVA SM -P18AJ22S126008 has completed the final project work entitled GEMINI AI-POWERED CHATBOT WITH FLASK as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Internal Guide

Prof. FARZEEN BASITH

Assistant Professor

Acharya Institute of Graduate Studies

External Guide

RAVI G

Technical Manager

Bytemate Private Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies

Prof. VIVEK K

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Acharya Institute of Graduate Studies
Dr. GURUNATH RAO VAIDYA

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Sign of Examiner 1

Examiner 1.....

Examiner 2.....

SEP 10 12 2024

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **DARSHAN M MALYA -P18AJ22S126024** has completed the final project work entitled as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K
Assistant Professor
Acharya Institute of Graduate Studies

Signature of External Guide

Rakshitha
Software developer
Web Blitz software

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bengaluru - 560 044

Mr. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications
Examiner 1: VALUED
Examiner 1.....
Examiner 2.....
SOP 10/12/2024

Examiner 2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **THARUN - P18AJ22S126044** has completed the final project work entitled **PREDICTING TAXI AND UBER DEMAND IN CITIES** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Mr. Vivek K
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studies

Signature of External Guide
Ms. Keerthana S
Software Developer
Techciti Software Consulting

Signature of HOD
Mr. Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner - 1: _____
Examiner 1: _____
Examiner 2: _____

Sign of Examiner - 2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **Deepu G- P181J22S126016** has completed the final project work entitled Finding High Utility Spatial Patterns In Utility Database using HDSHUIIM as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Rajesh Rao K
Assistant Professor
Acharya Institute of Graduate Studies



Signature of External Guide

Vinoth E
Chief Technical Officer
Edu Tantr Ventures Pvt Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. **Vivek K.** 560 096

HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Hebbal
Bangalore - 560 075

Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Signature of Examiner 1: *Som 10/12/24*
Examiner 2: *[Signature]*

Signature of Examiner 2:



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **Lingesh C- P18AJ22S126063** has completed the final project work **Fitness racking dashboard** as a partial fulfilment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Vivek k,
Assistant professor,
Acharya Institute of Graduate Studies

Signature of External Guide

Prabhanjan Shrinivas Puranik,
Software developer,
Scontinent Technologies Pvt Ltd

Signature of HOD

Prof. Vivek K
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Examiner-1:

Examiner-2:



DEPARTMENT OF MCA

ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **MONISHA S – P18AJ22S126065** has completed the final project work entitled **“MA CMP MANAGEMENT TOOL”** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Narasimha Murthy G K

Assistant Professor

Acharya Institute of Graduate Studies

Signature of External Guide

Shravan Shetty

Senior UI Designer

MResult Pvt Ltd

Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Prof. Vivek K
Bangalore - 560 096

HOD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bangalore - 560107

Department of Computer Applications

VALUED

Examiner 1.....

Examiner-1:.....

Examiner 2.....

Examiner-2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **NEELAM PUJARI – P18AJ22S126028** has completed the final project work entitled **FINDING RECURRING PATTERNS IN TEMPORAL DATABASES USING RPGROWTH** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Dr. Deepti A R
Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide
MR. Vinoth E
Chief Technical Officer
Edu Tantr Pvt Ltd

Signature of HoD
Prof. Vivek k
HoD, Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Sign of Examiner -1: Sopa 10/12/2024


Sign of Examiner -2: [Signature] 10/12/2024




DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES


CERTIFICATE

This is to certify that NILESH KUMAR SINGH (USN-P18AJ22S126105) has completed the final project work entitled **Village Connect E-Commerce** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide
Dr. Deepti A R
Professor, Department of MCA
Acharya Institute of Graduate Studies


Signature of External Guide
Mr. Sunil Kumar
Technical Manager
RCS Technology


Signature of HoD
Mr. Vivek K
HoD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies
PRINCIPAL
Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications
VALUED
Sign of Examiner 1
Examiner 1.....
Examiner 2.....

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **PRADEEP - P18AJ22S126046** has completed the final project work entitled **CAR RENTAL SYSTEM** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

N. Murthy

Signature of Internal Guide

Narasimha Murthy G K
Assistant Professor, Dept. of MCA
Acharya Institute of Graduate Studie



Signature of External Guide

Sowjanya Latha N
HR
Au Multidimensional Solutions Pvt.Ltd

Vivek K
HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
Bangalore - 560 096

Vivek K
HOD, Department of MCA
Acharya Institute of Graduate Studies

Dr. Gurunath Rao Vaidya

Signature of Principal

Dr. Gurunath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bangaluru - 560107

Department of Computer Applications
Sign of Examiner - 1: VALUED
Tsu
M

Sign of Examiner - 2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

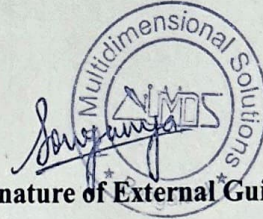
This is to certify that PRAMODH P has completed the final project work entitled **FOODZONE.EXPOAPP** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Deepti A R

Professor, Department of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Sowjanya

ORM AuMDS

Au Multidimensional Solutions

Signature of HoD
Department of Computer Applications,
Acharya Institute of Graduate Studies,
Bangalore - 560 076

HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107

Department of Computer Applications

VALUED

Sign of Examiner 1 *TSU*

Examiner 1.....

Examiner 2..... *M-F*

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that PRASAD U - P18AJ22S126045 has completed the final project work.
Entitled NAVIGATING SUMMARIZED DOCUMENT USING PASSIVE AGGRESSIVE
CLASSIFIER as a partial fulfillment of the award of a Master of Computer Applications degree,
during the academic year 2023-2024 under our supervision.

Signature of Internal Guide
Prof. Rajesh Rao K
Professor, Dept. of MCA
Acharya Institute of Graduate Studies



Signature of External Guide
Vinoth E
Chief Technical Officer
Edu Tantr Pvt.Ltd

Signature of HOD
Department of Computer Applications,
Acharya Institute of Graduate Studies,
Bangalore - 560 045
HOD Department of MCA
Acharya Institute of Graduate Studies

Signature of Principal
Acharya Institute of Graduate Studies
Soladevanahalli, Bangalore
Principal
Bangalore - 560 107

Acharya Institute of Graduate Studies

Department of Computer Applications
VALUED
Sign of Examiner -1:
Examiner 2:

Sign of Examiner -2: _____



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **PREETHI K.R (USN-P18AJ22S126037)** has completed the final project work entitled **Cryptcloud+: Secure And Expressive Data Access Control For Cloud Storage** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Mr. Vivek K

Assistant Professor, MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Ms. Josna Fernandes

Cloud Engineer

Webblitz Softwares

Signature of HOD

Mr. Vivek K
Department of Computer Applications
Acharya Institute of Graduate Studies
HoD Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

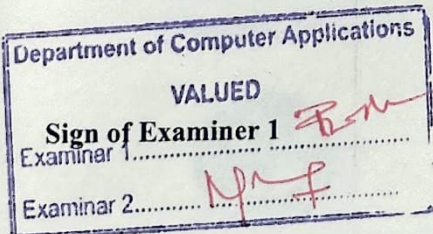
Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107



Sign of Examiner 2



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ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE


This is to certify that **PRIYA JAGANNATH PATTAR – P18AJ22S126033** has completed the final project work entitled **FREQUENT PATTERN DISCOVERY IN AIR QUALITY TIME SERIES** as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.


Signature of Internal Guide

Prof. Rajesh Rao K
Assistant Professor, Dept. MCA
Acharya Institute of Graduate Studies


Signature of External Guide

MR. VINOTH E
Chief Technical Offer
Edu Tantr Pvt. Ltd


Signature of HOD
Department of Computer Applications
Acharya Institute of Graduate Studies
HOD Department of MCA
Acharya Institute of Graduate Studies


Signature of Principal
Acharya Institute of Graduate Studies
Dr. Gurnath Rao Vaidya
Principal
Acharya Institute of Graduate Studies

Department of Computer Applications
Sign of Examiner 1
Examiner 1.....
Examiner 2.....

Sign of Examiner 2



DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that RAKESH G S (USN-P18AJ22S126056) has completed the final project work entitled Dual Access Control for Cloud-Based Data Storage and Sharing as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.

Signature of Internal Guide

Dr. Deepti A R

Professor, Department of MCA

Acharya Institute of Graduate Studies



Signature of External Guide

Ms. Josna. F

Cloud Engineer

Webblitz Softwares

Signature of HoD

Department of Computer Applications,
Acharya Institute of Graduate Studies,
Bengaluru - 560 096

Mr. Vivek K
HoD, Department of MCA

Acharya Institute of Graduate Studies

Signature of Principal

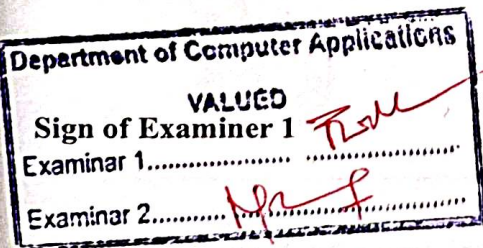
Dr. Gurunath Rao Vaidya

Principal

Acharya Institute of Graduate Studies

PRINCIPAL

Acharya Institute of Graduate Studies
Soladevanahalli, Hesaraghatta Road
Bengaluru - 560107



Sign of Examiner 2



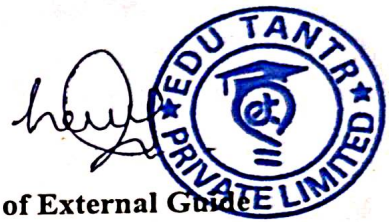
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that **SOMA VAIDEHI - P18AJ22S126047** has completed the final project work entitled **RFM Analysis using Python** as a partial fulfillment of the award of a **Master of Computer Applications** degree, during the academic year **2023-2024** under our supervision.

Signature of Internal Guide

Mr. Vivek K
Assistant Professor
Department of MCA
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Signature of External Guide

Hareesh Kumar
AI Engineer
EduTantr

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Signature of HOD
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Principal
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Department of Computer Applications

VALUED

Examiner 1: _____ *RSU*
Examiner 1.....
Examiner 2: _____ *M2*
Examiner 2.....

Examiner 2: _____



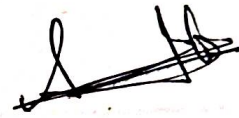
DEPARTMENT OF MCA
ACHARYA INSTITUTE OF GRADUATE STUDIES

CERTIFICATE

This is to certify that Sujith M S P18AJ22S126061 has completed the final project work entitled "Optimized Aqi Classification in Indian cities using Genetic Algorithms and Smote" as a partial fulfillment of the award of a Master of Computer Applications degree, during the academic year 2023-2024 under our supervision.



Signature of Internal Guide


Prof. Nagaraju M L
Assistant Professor
Acharya Institute of Graduate Studies





Signature of External Guide

Mr. Akhil Jacob
AI Engineer
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Bengaluru - 560 107

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Examiner 2: 

Sign of Examiner - 2: _____



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CERTIFICATE

This is to certify that **Tanuja S V- P18AJ22S126041** has completed the final project work entitled **Mitigating Software Integrity with Trusted Computing in a Time Distribution Network** as a partial fulfillment of the award of a **Master of Computer Applications** degree, during the academic year **2023-2024** under our supervision.

Signature of Internal Guide

FARZEEN BASITH

Assistant Professor

Acharya Institute of Graduate Studies



Signature of External Guide

CHAITANYA

Java Developer

Techciti Software Solutions

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Bangalore - 560 107

Principal

Acharya Institute of Graduate Studies

Department of Computer Applications

VALUED

Signature of Examiner 1

Examiner 1.....*TS*.....

Examiner 2.....*M-F*.....

Signature of Examiner 2