

ACADEMIC YEAR (2022-2023)



J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY
T.N.Palayam(po),Gobi(tk)-638506, Erode(dt).

Metric No 1.3.2

S.No	Name of the course	course code	programme offering	Experiential learning			Number of students
				project work	field work	inplant training	
(2022-2023) Regulation-2017							
1	Project Work	CS8811	COMPUTER SCIENCE AND ENGINEERING	✓			20
2	Software Engineering	CS8494	COMPUTER SCIENCE AND ENGINEERING	✓			4
3	Computer Networks	CS8591	COMPUTER SCIENCE AND ENGINEERING	✓			7
4	Object Oriented Analysis and Design	CS8592	COMPUTER SCIENCE AND ENGINEERING	✓			2
5	Artificial Intelligence	CS8691	COMPUTER SCIENCE AND ENGINEERING	✓			12
6	Mobile Computing	CS8601	COMPUTER SCIENCE AND ENGINEERING	✓			4
7	Cryptography and Network Security	CS8792	COMPUTER SCIENCE AND ENGINEERING	✓			4
8	Cloud Computing	CS8791	COMPUTER SCIENCE AND ENGINEERING	✓			6

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T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

COMPUTER SCIENCE AND ENGINEERING

S.No	Name of the Course that include experiential learning through Project Work/Internship/Field Visit
1	Software Engineering
2	Computer Networks
3	Object Oriented Analysis and Design
4	Artificial Intelligence
5	Mobile Computing
6	Cryptography and Network Security
7	Cloud Computing

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PROJECT



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OBJECTIVES:

- To understand the fundamentals of object modeling
- To understand and differentiate Unified Process from other approaches.
- To design with static UML diagrams.
- To design with the UML dynamic and implementation diagrams.
- To improve the software design with design patterns.
- To test the software against its requirements specification

UNIT I UNIFIED PROCESS AND USE CASE DIAGRAMS

9

Introduction to OOAD with OO Basics - Unified Process - UML diagrams - Use Case - Case study - the Next Gen POS system, Inception - Use case Modelling - Relating Use cases - include, extend and generalization - When to use Use-cases

UNIT II STATIC UML DIAGRAMS

9

Class Diagram - Elaboration - Domain Model - Finding conceptual classes and description classes - Associations - Attributes - Domain model refinement - Finding conceptual class Hierarchies - Aggregation and Composition - Relationship between sequenced diagrams and use cases - When to use Class Diagrams

UNIT III DYNAMIC AND IMPLEMENTATION UML DIAGRAMS

9

Dynamic Diagrams - UML interaction diagrams - System sequence diagram - Collaboration diagram - When to use Communication Diagrams - State machine diagram and Modelling - When to use State Diagrams - Activity diagram - When to use activity diagrams

Implementation Diagrams - UML package diagram - When to use package diagrams - Component and Deployment Diagrams - When to use Component and Deployment diagrams

UNIT IV DESIGN PATTERNS

9

GRASP: Designing objects with responsibilities - Creator - Information expert - Low Coupling - High Cohesion - Controller Design Patterns - creational - factory method - structural - Bridge - Adapter - behavioural - Strategy - observer - Applying GoF design patterns - Mapping design to code

UNIT V TESTING

Object Oriented Methodologies - Software Quality Assurance - Impact of object orientation

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on Testing—Develop Test Cases and Test Plans

TOTAL:45PERIODS

OUTCOMES:

At the end of the course, the students will be able to:


- Express software design with UML diagrams
- Design software applications using OO concepts.
- Identify various scenarios based on software requirements
- Transform UML based software design into pattern based design using design patterns
- Understand the various testing methodologies for OO software

TEXTBOOKS:

1. Craig Larman,—Applying UML and Patterns: An Introduction to Object-Oriented Analysis and Design and Iterative Development, Third Edition, Pearson Education, 2005.
2. Ali Bahrami-Object Oriented Systems Development -McGrawHill International Edition-1999

REFERENCES:

1. Erich Gamma, and Richard Helm, Ralph Johnson, John Vlissides,—Design patterns: Elements of Reusable Object-Oriented Software, Addison-Wesley, 1995.
2. Martin Fowler,—UML Distilled: A Brief Guide to the Standard Object Modeling Language, Third Edition, Addison Wesley, 2003.


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**EARTHQUAKE PREDICTION USING RANDOM
FOREST ALGORITHM**



A PROJECT REPORT

Submitted by

BHUVANESHWARI M

(731219104005)

RAMYA V

(731219104019)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in


COMPUTER SCIENCE AND ENGINEERING

J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N.PALAYAM,GOBI-638506

ANNA UNIVERSITY:: CHENNAI 600 025

MAY 2023


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BONAFIDE CERTIFICATE

Certified that this project report on "EARTHQUAKE PREDICTION USING RANDOM FOREST ALGORITHM" is the bonafide work of "M.BHUVANESHWARI (731219104005) , V.RAMYA (731219104019)" who carried out the project work under my supervision.



SIGNATURE

Dr.N.SATHYABALAJI,M.E,Ph.D.,M.I.S.T.E


ASSOCIATE PROFESSOR

HEAD OF THE DEPARTMENT

Dept.of Computer Science and Engineering

J.K.K.Munirajah College of Technology

T.N.Palayam



SIGNATURE

Mrs.M.C.SAVITHRI.,M.E.,

ASSISTANT PROFESSOR

SUPERVISOR

Dept.of Computer Science and Engineering

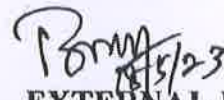
J.K.K.Munirajah College of Technology

T.N.Palayam

Submitted for the Viva-Voce examination held on 18-05-2023



INTERNAL EXAMINER



EXTERNAL EXAMINER



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CHENNAI, TAMIL NADU (Dt).

ABSTRACT

The Reliable prediction of earthquakes has numerous societal and engineering benefits. In recent years, the exponentially rising volume of seismic data has led to the development of several automatic earthquake detection algorithms through machine learning approaches. We propose a fully functional and efficient earthquake detector cum forecaster based on deep neural networks of random forest algorithm. The model captures inherent temporal characteristics of earthquake data. For illustration, we consider an earthquake catalog from the Himalaya and its neighbouring regions. The proposed random forest model shows satisfactory performance for small to medium-sized earthquakes. We also implement a baseline artificial neural network model to perform a suitable comparison. ML has revealed that the time remaining before an earthquake in the laboratory and particular types of tectonic earthquakes known as slow slip events can be anticipated from statistical characteristics extracted from seismic data.



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CHAPTER 1

INTRODUCTION

1.1 OVERVIEW

Natural disasters result in a large number of deaths, property loss, damages and injuries. Individuals cannot avoid them, but early prediction and appropriate protective precautions can minimize human life casualties and save a large number of valuable items. Earthquake is one amongst the main such disaster. Presently, we don't have any specific technique that can be used for predicting earthquake, unlike other disaster, that makes it much more devastating. Some researchers believe that earthquakes can't be anticipated, whereas others believe they are a predictable occurrence. According to them, many procedures for earthquake prediction are often used, including the study of quick visual phenomena such as changes in electric field, magnetic field, total electron content of the ionosphere, change in animal behaviour and historic earthquake records, all of which are well kept in the form of collection.

A model capable of predicting earthquakes must be able to predict the accurate location, magnitude spectrum and precise occurrence time and chances of occurrence. Until now, there has not been a comprehensive way to predict earthquake. Indeed, an earthquake prediction mechanism that provides precise prediction is urgently needed. A signal created by such a device could allow authorities to deploy resources, and shutdown devices which will cause major damage like atomic power plants & power grid so that deaths and damages can be avoid. The input parameter for this earthquake prediction study were derived from a laboratory micro earthquake simulation. These types of steaky distributions show the frequency of laboratory micro earthquake simulation events as function of magnitudes. These function and distinct parameters are used to figure out the fundamental relationship between geophysical activity of seismic tranquilly and

CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

In Conclusion, Earthquake Prediction Using Machine Learning Is A Promising Field That Has The Potential To Save Countless Lives And Minimize The Impact Of Earthquakes On Communities Around The World. While There Is Still Much Research To Be Done In This Area, Recent Advancements In Machine Learning Algorithms And Seismic Sensor Technology Have Shown Promising Results In Accurately Predicting Earthquakes. Eight Machine Learning Algorithms Have Been Tested For Our Work To Classify The Major Earthquake Events Between Negative And Positive. The Study Has Been Applied To A Dataset Collected From A Center In California, Which Was Recording Inputs For 36 Years. Every Machine Learning Technique Shows Different Results From Each Other. KNN, Random Forest And MLP Are The Best By Producing The Least False Output (FP) While SVM, KNN, MLP And Random Forest Classify The Higher Number Of Output Correctly. Future Work Involves Working On Case Studies Based On Real Intervention Data And Add Consideration To Features Selection Methods.

FUTURE SCOPE:

Further Improvement Seismic Data Collected From Seismographs Positioned All Around The World Can Be Analysed And Used To Improve The Different Models Implemented Here. Also, Given The Nature Of Polynomial Regression And The Size Of The Data Set Used, There Is A High Probability Of Over fitting In The Polynomial Regression Model Used In This Research. This Can Be Another Topic For Further Improvement.



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CS8494

SOFTWARE ENGINEERING

L T P C
3 0 0 3

OBJECTIVES:

- To understand the phases in a software project
- To understand fundamental concepts of requirements engineering and Analysis Modeling.
- To understand the various software design methodologies
- To learn various testing and maintenance measures

UNIT I SOFTWARE PROCESS AND AGILE DEVELOPMENT 9

Introduction to Software Engineering, Software Process, Perspective and Specialized Process Models-Introduction to Agility-Agile process-Extreme programming-XP Process.

UNIT II REQUIREMENTS ANALYSIS AND SPECIFICATION 9

Software Requirements: Functional and Non-Functional, User requirements, System requirements, Software Requirements Document Requirement Engineering Process: Feasibility Studies, Requirements elicitation and analysis, requirements validation, requirements management-Classical analysis: Structured system Analysis, Petri Nets-Data Dictionary.

UNIT III SOFTWARE DESIGN 9

Design process — Design Concepts-Design Model- Design Heuristic — Architectural Design -Architectural styles, Architectural Design, Architectural Mapping using Data Flow- User Interface Design: Interface analysis, Interface Design —Component level Design: Designing Class based components, traditional Components.

UNIT IV TESTING AND MAINTENANCE 9


Software testing fundamentals-Internal and external views of Testing-white box testing - basis path testing-control structure testing-black box testing- Regression Testing — Unit Testing — Integration Testing— Validation Testing— System Testing And Debugging—Software Implementation Techniques: Coding practices-Refactoring-Maintenance and Reengineering-BPR model-Reengineering process model-Reverse and Forward Engineering.

UNIT V PROJECT MANAGEMENT 9

Software Project Management: Estimation – LOC, FP Based Estimation, Make/Buy Decision COCOMO I & II Model – Project Scheduling – Scheduling, Earned Value Analysis Planning –Project Plan, Planning Process, RFP Risk Management – Identification, Projection - Risk Management-Risk Identification-RMMM Plan-CASE TOOLS

TOTAL: 45 PERIODS

OUTCOMES:


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On Completion of the course, the students should be able to:

- Identify the key activities in managing a software project.
- Compare different process models.
- Concepts of requirements engineering and Analysis Modeling.
- Apply systematic procedure for software design and deployment.
- Compare and contrast the various testing and maintenance.
- Manage project schedule, estimate project cost and effort required.

TEXTBOOKS:

1. Roger S. Pressman, —Software Engineering— A Practitioner's Approach, Seventh Edition, McGraw-Hill International Edition, 2010.
2. Ian Sommerville, —Software Engineering, 9th Edition, Pearson Education Asia, 2011.

REFERENCES:

1. Rajib Mall, —Fundamentals of Software Engineering, Third Edition, PHI Learning Private Limited, 2009.
2. Pankaj Jalote, —Software Engineering, A Precise Approach, Wiley India, 2010.
3. Kelkar S.A., —Software Engineering, Prentice Hall of India Pvt Ltd, 2007.
4. Stephen R. Schach, —Software Engineering, Tata McGraw-Hill Publishing Company Limited, 2007.
5. <http://nptel.ac.in/>.



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**BLOCKCHAIN-BASED MANAGEMENT
FOR ORGAN DONATION AND
TRANSPLANTATION**



A PROJECT REPORT

Submitted by

AP.DHATCHANA MOORTHY (731219104006)

P.SUBASHCHANDRAN (731219104023)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

Certified that this project report on "BLOCKCHAIN BASED MANAGEMENT FOR ORGAN DONATION AND TRANSPLANTATION" is the bonafide work of "AP.DHATCHANA MOORTHY (731219104006) and P.SUBASHCHANDRAN (731219104023)" who carried out the project work under my supervision.



SIGNATURE

Dr.N.SATHYABALAJI.M.E.M.I.S.T.E.Ph.D.

HEAD OF THE DEPARTMENT

Associate Professor

Dept. of Computer Science And Engineering

J.K.K.Munirajah College of Technology

T.N.Palayam



SIGNATURE

E.ANANTH.M.E.

SUPERVISOR

Assistant Professor

Dept. of Computer Science And Engineering

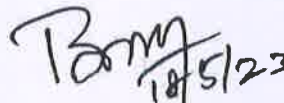
J.K.K.Munirajah College of Technology

T.N.Palayam

Submitted for the Viva-Voce examination held on 18/05/2023



INTERNAL EXAMINER



EXTERNAL EXAMINER



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**T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).**

ABSTRACT

Today's organ donation and transplantation systems pose different requirements and challenges in terms of registration, donor-recipient matching, organ removal, organ delivery, and transplantation with legal, clinical, ethical, and technical constraints. Therefore, an end-to-end organ donation and transplantation system is required to guarantee a fair and efficient process to enhance patient experience and trust. In this project, we propose a private Ethereum block chain-based solution to enable organ donation and transplantation management in a manner that is fully decentralized, secure, traceable, auditable, private, and trustworthy. We develop smart contracts and present six algorithms along with their implementation, testing, and validation details. We evaluate the performance of the proposed solution by performing privacy, security, and confidentiality analyses as well as comparing our solution with the existing solutions.

Modern systems responsible for the collection, preservation, or transplantation of organs lack transparency. They are slow and are provided with minimum security requirements, resulting in the illegal trade of organs or other serious medical scams. We propose a secure platform to monitor and facilitate the process of organ donation by deploying it on a decentralized platform with the help of blockchain, thus in this process, ensuring security, integrity, and transparency and also eliminating the need for third-party moderators.


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CHAPTER 1

INTRODUCTION

Organ failure or damage occurs due to an injury or a disease. It affects the quality of life and, in some cases, leads to death. Donating an organ is one of humanity's most honourable actions to save the lives of patients through organ transplantation. For a successful transplant, the organ must be in acceptable working conditions with donor-recipient matching, and its removal should not pose a life-threatening risk to the donor. The first successful organ donation occurred with a kidney transplant between twin brothers in 1954. Since then, the annual number of transplants has steadily increased. However, the demand for organ donations still exceeds the number of donors. In fact, while waiting for an organ transplant, twenty people die every day, and a new patient is added to the waiting list in every ten minutes. More importantly, accessing the organ donation waiting list is a basic requirement for organ allocation.

Organ donation is conducted in two different ways, including deceased donation and living donation. Meanwhile, if the donor is still alive, doctors examine the donor and ensure that the donor is fit for live donation. Then, all medical records are reported to the procurement organizer. The procurement organizer is responsible for evaluating the donor's condition to decide if he is a fit donor and ensuring that the donor is properly registered in the medical system. Next, if the evaluation shows that the donor is eligible for donation, the procurement organizer sends all the data to the organ transplantation organizer. This step can be performed only if the donor gives consent to donate to an anonymous person. After that, the matching process between the available donors and patients on the waiting list is performed by the organ transplantation organizer. As a result, a ranked list is generated as an output and provided to the transplantation surgeons.

CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

CONCLUSION

We have proposed a private Ethereum blockchain-based solution that manages organ donation and transplantation in a decentralized, accountable, auditable, traceable, secure, and trustworthy manner. We developed smart contracts that ensure the data provenance by recording events automatically. We present six algorithms with their implementation, testing, and validation details. We analyze the security of the proposed solution to guarantee that smart contracts are protected against common attacks and vulnerabilities. We compare our solution to other blockchain-based solutions that are currently available. We discuss how our solution can be customized with minimal effort to meet the needs of other systems experiencing similar problems. In the future, our solution can be improved by developing an end- to end DApp. Furthermore, the smart contracts can be deployed and tested on a real private Ethereum network. Finally, the Quorum platform can provide better confidentiality because transactions among entities can only be viewed by specific participants and nobody else, which is not the case in our solution, where transactions between two participants are viewed by other actors authorized in the private blockchain.

FUTURE ENHANCEMENT

In the future, our solution can be improved by developing an end to end DApps. Furthermore, the smart contracts can be deployed and tested on a real private Ethereum network. Finally, the Quorum platform can provide better confidentiality because transactions among entities can only be viewed by specific participants and nobody else, which is not the case in our solution, where transactions between two participants are viewed by other actors authorized in the private blockchain.



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Accredited by NAAC with "A" grade

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INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731219104006	DHATCHANA MOORTHY.A.P	VCITEX SOLUTIONS PVT LTD	CHENNAI	06.03.2023 to 11.03.2023
2	731219104023	SUBASH CHANDRAN.P			

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Internship1 message

MON 27 Feb 2023 at 2.00pm

From: HODCSE <hodcse@jkkmct.edu.in>

Date: MON 27 Feb 2023 at 2.00pm

Subject: Internship-reg

To: VCITEX SOLUTIONS PVT LTD <hr.vcitexinfotech@gmail.com>

Dear Sir,


I am requesting to be joining your **VCITEX SOLUTIONS PVT LTD**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **DHATCHANA MOORTHY.A.P, SUBASH CHANDRAN.P**

Sincerely,

Final Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


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GORINTK, ERODE (Dt).



Internship
1 message

THUR 2 Mar 2023 at 3.30pm

From: VCITEX SOLUTIONS PVT LTD <hr.vcitexinfotech@gmail.com>

Date: THUR 2 Mar 2023 at 3.30pm

Subject: Internship-reg

To: HODCSE <hodcse@jkkmct.edu.in>

Dear SIR,

I am writing to confirm my acceptance of your internship offer of 06.03.2023 to 11.03.2023 and to tell you how to be joining my VCITEX SOLUTIONS PVT LTD. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on March 4, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: DHATCHANA MOORTHY.A.P, SUBASH CHANDRAN.P

Sincerely,

HR Manager,
VCITEX SOLUTIONS PVT LTD,
Chennai.

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GOBI (TK), ERODE (Dt).



VCIDEX
Bring IT to Mass

This is to certify that **Mr/Ms.DHATCHANA MOORTHIA.P** Final year B.E., Computer Science and Engineering of **JKK MUNIRAJAH COLLEGE OF TECHNOLOGY**, Erode, has attended **Internship** training in our organization from **06.03.2023** to **11.03.2023**. During this **Internship** training, he/she has learned the overview concepts of

PREVENTIG CYBERBULLING IN SOCIAL NETWORKING SITES

USING DEEP LEARNING MODEL

DATE:11.03.2023



AUTHORIZED SIGNATURE

PRINCIPAL

JKK MUNIRAJAH CO

OF TECHNOLOGY

T.N. PALAYAM / PO

GOVT (O), ERODE



VCIDEX
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This is to certify that **Mr/Ms.SUBASH CHANDRAN.P** Final year B.Tech. Information Technology of **JKK MUNIRAJAH COLLEGE OF TECHNOLOGY**, Erode, has attended **Internship** training in our organization from **06.03.2023** to **11.03.2023**. During this **Internship** training, he/she has learned the overview concepts of

PREVENTIG CYBERBULLING IN SOCIAL NETWORKING SITES

USING DEEP LEARNING MODEL

DATE:11.03.2023



AUTHORIZED SIGNATURE

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CS8591

COMPUTER NETWORKS

L T P C

3 0 0 3

OBJECTIVES:

- To understand the protocol layering and physical level communication.
- To analyze the performance of a network.
- To understand the various components required to build different networks.
- To learn the functions of network layer and the various routing protocols.
- To familiarize the functions and protocols of the Transport layer.

UNIT I INTRODUCTION AND PHYSICAL LAYER 9

Networks — Network Types — Protocol Layering — TCP/IP Protocol suite — OSI Model — Physical Layer: Performance — Transmission media — Switching — Circuit-switched Networks—Packet Switching.

UNIT II DATA-LINK LAYER & MEDIA ACCESS 9

Introduction—Link-Layer Addressing —DLC Services—Data-Link Layer Protocols —HDLC —PPP-MediaAccessControl-WiredLANs:Ethernet-WirelessLANs—Introduction—IEEE802.11,Bluetooth—ConnectingDevices.

UNIT III NETWORK LAYER 9

NetworkLayerServices—Packetswitching—Performance—IPV4Addresses—Forwardingof IP Packets - Network Layer Protocols: IP, ICMP v4 — Unicast Routing Algorithms — Protocols—MulticastingBasics—IPV6Addressing—IPV6Protocol.

UNIT IV TRANSPORT LAYER 9

Introduction—TransportLayerProtocols—Services—PortNumbers—UserDatagramProtocol—TransmissionControlProtocol—SCTP.

UNIT V APPLICATION LAYER 9


WWW and HTTP—FTP—Email—Telnet—SSH—DNS—SNMP.

TOTAL: 45 PERIODS

OUTCOMES:

On Completion of the course, the students should be able to:

- Understand the basic layers and its functions in computer networks.
- Evaluate the performance of a network.
- Understand the basics of how data flows from one node to another.
- Analyze and design routing algorithms.
- Design protocols for various functions in the network.
- Understand the working of various application layer protocols


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TEXTBOOK:

1. Behrouz A. Forouzan, Data Communications and Networking, Fifth Edition
TMH,2013.

REFERENCES

1. Larry L. Peterson, Bruce S. Davie, Computer Networks: A Systems Approach,
Fifth Edition, Morgan Kaufmann Publishers Inc.,2012.
2. William Stallings, Data and Computer Communications, Tenth Edition,
PearsonEducation,2013.
3. NaderF.Mir,ComputerandCommunicationNetworks,SecondEdition,Prentice
Hall,2014.
4. Ying-Dar Lin, Ren-Hung Hwang and Fred Baker, Computer Networks: An
OpenSourceApproach,McGrawHillPublisher,2011.
5. James F. Kurose, Keith W. Ross, Computer Networking, A Top-Down
ApproachFeaturingthe Internet, SixthEdition,PearsonEducation,2013.



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**EFFICIENT THYROID DISEASE PREDICTION USING
FEATURESSELECTION AND META CLASSIFIERS**



A PROJECT REPORT

Submitted by

P.INDHUMATHI (731219104010)

C.VENNILA (731219104028)

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

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MAY 2023

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Certified that this project report on **"DETECTION OF CARDIOVASCULAR DISEASE IN ECG IMAGE USING MACHINE LEARNING AND DEEP LEARNING METHODS"** is the bonafide work of **"P.INDHUMATHI (731219104010) and C.VENNILA(731219104028),"** who carried out the project work under my supervision.



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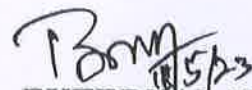
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T.N.Palayam

Submitted for the Viva-Voce examination held on 18.05.2023 FN



INTERNAL EXAMINER



EXTERNAL EXAMINER

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ABSTRACT

Thyroid disease refers to any condition that affects the thyroid gland, a small butterfly-shaped gland located at the base of the neck. The thyroid gland produces hormones that regulate many of the body's functions, including metabolism, heart rate, body temperature and more. Thyroid disease can cause either overproduction (hyperthyroidism) or underproduction (hypothyroidism) of thyroid hormones, or the development of nodules or growths on the thyroid gland. The current manual diagnostic methods for thyroid disease suffer from several limitations, including subjectivity, variability, and time-consuming. Moreover, machine learning-based approaches have been explored to predict thyroid disease but they still face several challenges, such as data quality, feature selection, and model optimization.

The aim of the project is to develop a ThyroScanner is an ensemble learning-based system that aims to classify thyroid disease into multiple classes: no thyroid disease, hypothyroidism, and hyperthyroidism. The system is designed to assist doctors in accurately diagnosing thyroid disease and to provide patients with a better understanding of their condition. The system consists of two main components: the administrative module and the diagnosis module. The administrative module is responsible for collecting, importing, exploring, and pre-processing the data, as well as feature selection and extraction using chi-square tests and co-occurrence matrices, respectively. The classification module is developed using the XGBoost algorithm, and the model is built and trained using a thyroid dataset.

CHAPTER 1

INTRODUCTION

1.1 OVER VIEW OF THE PROJECT

Thyroid is a small, butterfly-shaped gland located at the front of your neck under your skin. It's a part of your endocrine system and controls many of your body's important functions by producing and releasing (secreting) certain hormones. Your thyroid's main job is to control the speed of your metabolism (metabolic rate) which is the process of how your body transforms the food you consume into energy. All of the cells in your body need energy to function.

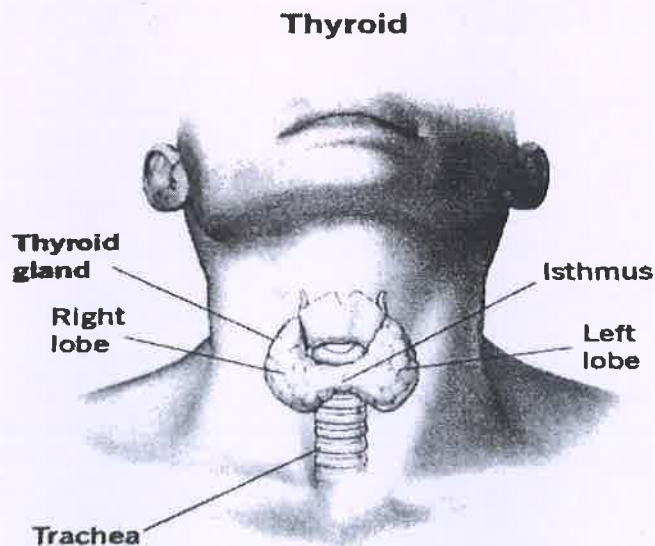


FIG 1.1 Thyroid

CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

8.1 CONCLUSION

In conclusion, the development of ThyroScanner, a thyroid disease multi-class classification and diagnosis system, was successfully implemented. The system includes an admin interface for data collection, pre-processing, feature selection, feature extraction, and model training using XGBoost for classification into no thyroid, hypothyroid, and hyperthyroid categories. The system also includes a diagnosis module for patients, doctors, or users to input values and receive predictions, suggestions, and recommendations based on the trained model. The system was tested using various test cases, and the results showed high accuracy, precision, recall, and F1-score for all three classes. The software testing also revealed no major issues or bugs in the system. ThyroScanner provides an efficient and accurate tool for the diagnosis of thyroid diseases, allowing for early detection and timely treatment. With further development, the system can be expanded to include more features and data sources to improve its accuracy and usability.

8.2 FUTURE ENHANCEMENT

The future scope of the ThyroScanner system includes:

- **Integration with Electronic Health Records (EHR) systems:**

The system can be integrated with EHR systems to obtain patient medical records automatically, which would allow for faster and more accurate diagnosis.

CS8601

MOBILE COMPUTING

L T P C

3 0 0 3

OBJECTIVES:

- To understand the basic concepts of mobile computing.
- To learn the basics of mobile telecommunications system.
- To be familiar with the network layer protocols and Ad-Hoc networks.
- To know the basis of transport and application layer protocols.
- To gain knowledge about different mobile platforms and application development.

UNIT I INTRODUCTION 9

Introduction to Mobile Computing – Applications of Mobile Computing- Generations of Mobile Communication Technologies- Multiplexing – Spread spectrum -MAC Protocols –SDMA-TDMA-FDMA-CDMA

UNIT II MOBILE TELECOMMUNICATIONS SYSTEM 9

Introduction to Cellular Systems-GSM-Services & Architecture-Protocols- Connection Establishment-Frequency Allocation-Routing-Mobility Management-Security-GPRS-UMTS-Architecture-Handover-Security

UNIT III MOBILE NETWORK LAYER 9

Mobile IP-DHCP-AdHoc-Proactive protocol-DSDV, Reactive Routing Protocols-DSR, AODV, Hybrid routing-ZRP, Multicast Routing-ODMRP, Vehicular AdHoc networks (VANET)-MANET vs VANET-Security.


UNIT IV MOBILE TRANSPORT AND APPLICATION LAYER 9

Mobile TCP-WAP-Architecture-WDP-WTLS-WTP-WSP-WAE-WTA Architecture -WML

UNIT V MOBILE PLATFORMS AND APPLICATIONS 9

Mobile Device Operating Systems – Special Constraints & Requirements – Commercial Mobile Operating Systems – Software Development Kit: iOS, Android, BlackBerry, Windows Phone-MCommerce-Structure-Pros & Cons-Mobile Payment System-Security Issues

TOTAL 45 PERIODS


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OUTCOMES:

At the end of the course, the students should be able to:

- Explain the basics of mobile telecommunication systems
- Illustrate the generation of telecommunication systems in wireless networks
- Determine the functionality of MAC, network layer and identify a routing protocol for a given Ad hoc network
- Explain the functionality of Transport and Application layers
- Develop a mobile application using android/blackberry/ios/Windows SDK

TEXTBOOKS:

1. Jochen Schiller, — Mobile Communications I, PHI, Second Edition, 2003.
2. Prasant Kumar Pattnaik, Rajib Mall, — Fundamentals of Mobile Computing I, PHI Learning Pvt. Ltd, New Delhi—2012

REFERENCES

1. Dharma Prakash Agarwal, Qing and An Zeng, "Introduction to Wireless and Mobile systems", Thomson Asia Pvt Ltd, 2005.
2. Uwe Hansmann, Lothar Merk, Martin S. Nicklons and Thomas Stober, — Principles of Mobile Computing I, Springer, 2003.
3. William. C. Y. Lee, — Mobile Cellular Telecommunications - Analog and Digital Systems I, Second Edition, Tata McGraw Hill Edition, 2006.
4. C.K. Toh, — Ad Hoc Mobile Wireless Networks I, First Edition, Pearson Education, 2002.
5. Android Developers: <http://developer.android.com/index.html>
6. Apple Developer: <https://developer.apple.com/>
7. Windows Phone DevCenter: <http://developer.windowsphone.com>
8. Black Berry Developer: <http://developer.blackberry.com>



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**AI BASED SPAM SPOILER FOR PUBLIC
AND PRIVATE E-MAIL SERVICES**



A PROJECT REPORT

Submitted by

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(731219104011)

V.SENTHILKUMAR

(731219104022)

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

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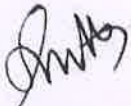
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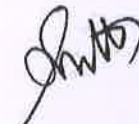
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Certified that this project report on **"AI BASED SPAM SPOILER FOR PUBLIC AND PRIVATE SERVICES"** is the bonafide work of **"M.MADHAN (731219104011), V.SENTHILKUMAR (731219104022)"** who carried out the project work under my supervision.



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Submitted for the Viva-Voce examination held on 18-05-2023 & FN



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18/5/23


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ABSTRACT

In recent years, cyber security incidents have occurred frequently. In most of these incidents, attackers have used different type of spam email as a knock-on to successfully invade government systems, well-known companies, and websites of politicians and social organizations in many countries. The detection of spam mail from big email data has been paid public attention. However, the camouflage technology of spam mail is becoming more and more complex, and the existing detection methods are unable to confront with the increasingly complex deception methods and the growing number of email. In this project, we proposed to design a novel efficient approach named Spam Spoiler for big e-mail data classification into four different classes: Normal, Fraudulent, Harassment, and Suspicious E-mails by using LSTM based GRU. The new method includes two important stages, sample expansion stage and testing stage under sufficient samples. This project The LSTM based GRU efficiently captures meaningful information from E-mails that can be used for forensic analysis as evidence. Experimental results revealed that Spam Spoiler performed better than existing ML algorithms and achieved a classification accuracy of 98% using the novel technique of LSTM with recurrent gradient units. As different types of topics are discussed in E-mail content analysis. Spam Spoiler effectively outperforms existing methods while keeping the classification process robust and reliable.


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CHAPTER 1

INTRODUCTION

1.1 OBJECTIVE

Email stands for Electronic Mail. It is a method to send messages from one computer to another computer through the internet. It is mostly used in business, education, technical communication, document interactions. It allows communicating with people all over the world without bothering them. In 1971, a test email sent Ray Tomlinson to himself containing text.

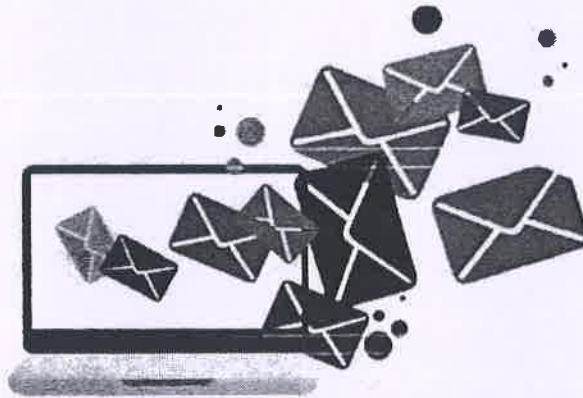


Figure 1.1 E- Mail

Email messages are conveyed through email servers; it uses multiple protocols within the TCP/IP suite. For example, SMTP is a protocol, stands for simple mail transfer protocol and used to send messages whereas other protocols IMAP or POP are used to retrieve messages from a mail server. If you want to login to your mail account, you just need to enter a valid email address, password, and the mail servers used to send and receive messages.

Although most of the webmail servers automatically configure your mail account, therefore, you only required to enter your email address and password.

Email messages include three components, which are as follows:

- **Message envelope** : It depicts the email's electronic format.
- **Message header** : It contains email subject line and sender/recipient information.
- **Message body** : It comprises images, text, and other file attachments.

CHAPTER 9

CONCLUSION & FUTURE ENHANCEMENT

9.1 CONCLUSION

With the growing trend of cybercrime and accidents resulting from vulnerabilities, proactive monitoring and post-incident analysis of email data is crucial for organizations. Cybercrimes like hacking, spoofing, phishing, E-mail bombing, whaling, and spamming are being performed through E-mails. The existing email classification approaches lead towards irrelevant E-mails and/or loss of valuable information. Keeping in sight these limitations, we designed a novel efficient approach named E-MailSinkAI for E-mail classification into four different classes: Normal, Fraudulent, Threatening, and Suspicious E-mails by using LSTM based GRU that not only deals with short sequences as well long dependencies of 1000C characters. We evaluated the proposed E-MailSinkAI model using evaluation metrics such as precision, recall, accuracy, and f-score. Experimental results revealed that E-MailSinkAI performed better than existing ML algorithms and achieved a classification accuracy of 95% using the novel technique of LSTM with recurrent gradient units.

9.2 FUTURE ENHANCEMENT

For now, we are considering e-mail classes such as normal, harassment, fraudulent, and suspicious; however, many other classes can be added to this work in the presence of the massive amount of e-mail data.



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CS8792

CRYPTOGRAPHY AND NETWORK SECURITY

L T P C

3 0 0 3

OBJECTIVES:

- To understand Cryptography Theories, Algorithms and Systems.
- To understand necessary Approaches and Techniques to build protection mechanisms in order to secure computer networks.

UNIT I INTRODUCTION 9

Security trends - Legal, Ethical and Professional Aspects of Security, Need for Security at Multiple levels, Security Policies - Model of network security - Security attacks, services and mechanisms - OSI security architecture - Classical encryption techniques: substitution techniques, transposition techniques, steganography - Foundations of modern cryptography: perfect security - information theory - product cryptosystem - cryptanalysis.

UNIT II SYMMETRIC KEY CRYPTOGRAPHY 9

MATHEMATICS OF SYMMETRIC KEY CRYPTOGRAPHY: Algebraic structures - Modular arithmetic - Euclid's algorithm - Congruence and matrices - Groups, Rings, Fields - Finite fields - SYMMETRIC KEY CIPHERS: DES - Block cipher Principle of DES - Strength of DES - Differential and linear cryptanalysis - Block cipher design principles - Block cipher mode of operation - Evaluation criteria for AES - Advanced Encryption Standard - RC4 - Key distribution.

UNIT III PUBLIC KEY CRYPTOGRAPHY 9

MATHEMATICS OF ASYMMETRIC KEY CRYPTOGRAPHY: Primes - Primality Testing - Factorization - Euler's totient function, Fermat's and Euler's Theorem - Chinese Remainder Theorem - Exponentiation and Algorithm - ASYMMETRIC KEY CIPHERS: RSA cryptosystem - Key distribution - Key management - Diffie Hellman key exchange - ElGamal cryptosystem - Elliptic curve arithmetic - Elliptic curve cryptography.

UNIT IV MESSAGE AUTHENTICATION AND INTEGRITY 9

Authentication requirement - Authentication function - MAC - Hash function - Security of hash function and MAC - SHA - Digital signature and authentication protocols - DSS - Entity Authentication: Biometrics, Passwords, Challenge Response protocols - Authentication applications - Kerberos, X.509

UNIT V SECURITY PRACTICE AND SYSTEM SECURITY 9

Electronic Mail security - PGP, S/MIME - IP security - Web Security -


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SYSTEM SECURITY: Intruders—Malicious software—viruses—Firewalls.

TOTAL 45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Understand the fundamentals of network security, security architecture, threats and vulnerabilities
- Apply the different cryptographic operations of symmetric cryptographic algorithms
- Apply the different cryptographic operations of public key cryptography
- Apply the various Authentication schemes to simulated different applications.
- Understand various Security practices and System security standards

TEXTBOOK:

1. William Stallings, Cryptography and Network Security: Principles and Practice, PHI 3rd Edition, 2006.

REFERENCES:

1. C K Shyamala, N Harini and Dr. T R Padmanabhan: Cryptography and Network Security, Wiley India Pvt. Ltd
2. Behrouz A. Foruzan, Cryptography and Network Security, Tata McGraw Hill 2007.
3. Charlie Kaufman, Radia Perlman, and Mike Speciner, Network Security: PRIVATE Communication in a PUBLIC World, Prentice Hall, ISBN 0-13-046019-2



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**WEATHER PREDICTION USING ARIMA
ALGORITHM**



A PROJECT REPORT

Submitted by

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R.PAVITHRA

(731219104015)

In partial fulfillment for the award of the degree

of

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in

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BONAFIDE CERTIFICATE

Certified that this project report on “**WEATHER PREDICTION USING ARIMA ALGORITHM**” is the bonafide work of “**M.MAHESHWARI(731219104012)** and **R.PAVITHRA (731219104015),**” who carried out the project work under my supervision.



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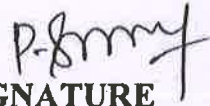
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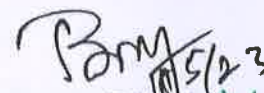
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Submitted for the Viva- Voce examination held on 18.5.2023 / FN



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ABSTRACT

It is a challenging task to forecast weather data accurately. The temperature change has important implications for business and economic activity. Effective management of global climate change impacts will depend upon accurate and cost-effective forecasts. This paper univariate statistic techniques to model the properties of a world mean temperature dataset to develop a parsimonious forecasting model for managerial decision-making over the short-term horizon and the ARIMA-based prognostication tool has been developed by implementing the ARIMA algorithm in python. Although the model is estimated on global temperature data, the methodology could even be applied to temperature data at more localized levels. The statistical techniques include seasonal and non-seasonal unit root testing with and without structural breaks as well as ARIMA and SARIMA modelling. This paper helps us to predict the air temperature, which is the main problem of global warming. Prediction of the likely impact of climate change on monthly mean maximum and minimum temperature in Tamilnadu. Time-series techniques to develop a parsimonious model of global mean temperature change that can be used to forecast over the short-term horizon (5- 10) years.



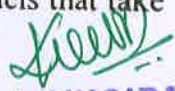
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CHAPTER 1

INTRODUCTION

Climate change is one of the major environmental challenges faced by the world today. It is linked with diverse and undesirable impacts on farming, water resources, forest and biodiversity, ocean level increase, and a temperature rise. Climate change is occurred due to some physical factors like N₂O, SF₆, CO₂, CH₄, etc., these factors are increasing, thus increasing the Earth's temperature. This is caused by the emission of greenhouse gases from modern industry, vehicles, burning of fossil fuels, etc. Global Warming is the rise in the average long-term temperature of the Earth's climate system. The average temperature of the earth is 1 degree Celsius higher than 100 years ago. Global warming occurs when the greenhouse gases absorb sunlight and solar radiation reflected from the earth's surface.

Weather forecasting is the utilization of science and technology to predict the atmospheric conditions of a given area and time. People try to predict the weather informally for thousands of years and since the 19th century. Weather forecasts are made by collecting information about this state of the atmosphere in an exceedingly area so using the weather to predict how the atmosphere will change. To worldwide warming, the glacier is melting day by day. For that, the common height of the ocean level is additionally increasing, and this can often cause flooding in many coastal areas. Not only that but also the underground water of the globe is decreasing. The ocean's temperature is additionally increasing due to this reason. For that several storms are happening which have fatal results. Individual input continues to be required to select out the sole predictive model to determine the prediction When it involves an act that's largely supported by changes in barometric stress, current climate, and whether or inclemency, forecasting is now hopping on computer-based models that take a glance at the type of celestial objects.


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CHAPTER 9

CONCLUSION

In the past decade, the field of extreme event attribution has made great strides in understanding and explaining extreme events in the context of climate change. This is still an emerging science, however; thus, continued research is required to increase the reliability of event attribution results, particularly for event types that are presently poorly understood. The need for improved understanding is coming at a time when there is increasing inquiry by the public, policy makers, and practitioners about the relationship between specific weather events and climate change (e.g., the question, “Is it caused or affected by climate change?”). Advances in the field will depend not only on addressing scientific problems specific to attribution but also on advances in the basic underlying science, including observations, weather and climate modeling, statistical methodology, and theoretical understanding of extreme events and their relation to climate.

9.1 FUTURE SCOPE

Predicting weather accurately doesn't just help our daily lives but has deeper impact for food security and disaster management. Good news for monsoon-dependent India is that we are getting better at predicting. New technologies, such as Internet of Things (IoT) and Artificial Intelligence (AI) are helping meteorological experts to give better information to predict agricultural output and natural disasters.

In early 2023, Google researchers released a paper that claimed that they have been able to predict weather just six hours in advance. The researchers trained their AI model to use radar data of cloud movement to predict rains with higher speed and accuracy.

OBJECTIVES:

- To understand the concept of cloud computing.
- To appreciate the evolution of cloud from the existing technologies.
- To have knowledge on the various issues in cloud computing.
- To be familiar with the lead players in cloud.
- To appreciate the emergence of cloud as the next generation computing paradigm.

UNIT I INTRODUCTION**9**

Introduction to Cloud Computing — Definition of Cloud — Evolution of Cloud Computing — Underlying Principles of Parallel and Distributed Computing — Cloud Characteristics — Elasticity in Cloud — On-demand Provisioning.

UNIT II CLOUD ENABLING TECHNOLOGIES**10**

Service Oriented Architecture – REST and Systems of Systems – Web Services – Publish-Subscribe Model – Basics of Virtualization – Types of Virtualization – Implementation Levels of Virtualization – Virtualization Structures – Tools and Mechanisms – Virtualization of CPU – Memory – I/O Devices – Virtualization Support and Disaster Recovery.

UNIT III CLOUD ARCHITECTURE, SERVICES AND STORAGE**8**

Layered Cloud Architecture Design – NIST Cloud Computing Reference Architecture – Public, Private and Hybrid Clouds - IaaS – PaaS – SaaS – Architectural Design Challenges – Cloud Storage – Storage-as-a-Service – Advantages of Cloud Storage – Cloud Storage Providers – S3.

UNIT IV RESOURCE MANAGEMENT AND SECURITY IN CLOUD**10**

Inter Cloud Resource Management – Resource Provisioning and Resource Provisioning Methods – Global Exchange of Cloud Resources – Security Overview – Cloud Security Challenges – Software-as-a-Service Security – Security Governance – Virtual Machine Security – IAM – Security Standards.

UNIT V CLOUD TECHNOLOGIES AND ADVANCEMENTS**8**

Hadoop – MapReduce – Virtual Box – Google App Engine – Programming Environment for Google App Engine — Open Stack – Federation in the Cloud – Four Levels of Federation – Federated Services and Applications – Future of Federation.

TOTAL: 45 PERIODS

OUTCOMES:

On Completion of the course, the students should be able to:


- Articulate the main concepts, key technologies, strengths and limitations of cloud computing.
- Learn the key and enabling technologies that help in the development of cloud.
- Develop the ability to understand and use the architecture of compute and storage cloud, service and delivery models.
- Explain the core issues of cloud computing such as resource management and security.
- Be able to install and use current cloud technologies.
- Evaluate and choose the appropriate technologies, algorithms and approaches for implementation and use of cloud.

TEXTBOOKS:

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2. Rittinghouse, John W., and James F. Ransome, —Cloud Computing: Implementation, Management and Security, CRC Press, 2017.

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1. Rajkumar Buyya, Christian Vecchiola, S. Thamarai Selvi, —Mastering Cloud Computing, Tata Mcgraw Hill, 2013.
2. Toby Velte, Anthony Velte, Robert Elsenpeter, "Cloud Computing- A Practical Approach, Tata Mcgraw Hill, 2009.
3. George Reese, "Cloud Application Architectures: Building Applications and Infrastructure in the Cloud : Transactional Systems for EC2 and Beyond (Theory in Practice)", O'Reilly, 2009.


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**LIVE DNA COMPUTING MODEL TO
SECUR STORAGE OF OUTSOURCED
DATA IN CLOUD**



A PROJECT REPORT

Submitted by

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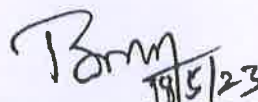
J.K.K.Munirajah College of Technology

T.N.Palayam


Submitted for the Viva-Voce examination held on 28.05.2023 / FN.



INTERNALEXAMINER



EXTERNALEXAMINER



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ABSTRACT

Cloud computing is basically the on-demand availability of the computer resources or services, mainly computing power and data storage without using any external hardware or software. Cloud computing has very attractive benefits, such as pay-per-use, on-demand service, unlimited storage capacity, flexibility and many more. However, it also has many disadvantages, namely security, access control, limited control, downtime, etc., Data security is another critical issue of any cloud computing environment because of the existence of many attackers. In a cloud environment, traditional approaches are used to encrypt any data by using cryptography algorithm that increase data security issues because of the presence of numerous malicious users and hackers over the internet. Nowadays, DNA based cryptography is one of the advanced fields to enhance information or data security. DNA based cryptography is mainly based on DNA computing in which DNA sequence, hardware and biochemistry are utilized to encode the genetic details in a personal computer. In this project we proposed DNAS for the cloud environment to access the cloud data secure and fast using DNA computing and table. The table can support to reduce the data accessing time and the searching time of data owner. A data encryption scheme is proposed by using DNA cryptography in which a random 1024-bit DNA computing based Data Decryption Key (DNADK) is generated. The proposed scheme is secured against some security attacks, namely password guessing attack, DDoS attack, masquerade attack, stolen verifier attack and phishing attack by supporting randomness in the data encryption and secret key generation phase.



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CHAPTER 1

INTRODUCTION

1.1. Overview

Cloud computing is the on-demand, pay-as-you-go service distribution model over the Internet. Instead of purchasing, operating, and maintaining physical data centres and servers, you may rent computing power, storage, and databases from a cloud provider like Amazon Web Services on an as-needed basis (AWS). The term "cloud" simply refers to the internet. Computing is the architecture and techniques that allow a computer to execute, create, distribute, and interact with data. This means that, rather than hosting infrastructure, systems, or programs on your hard drive or on an on-site server, you host them on

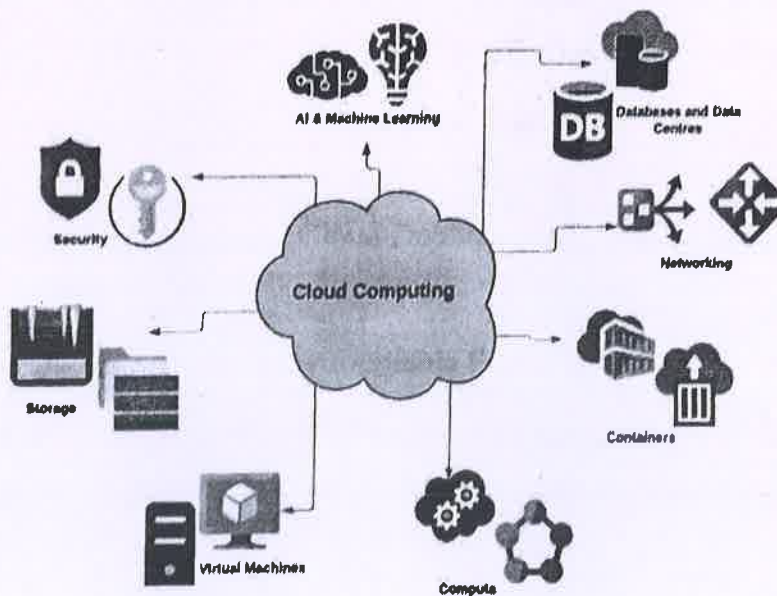


Figure : 1.1. Overview

Virtual/online servers that connect to your computer via secure networks.

Cloud computing allows users to access online services as long as there is an available internet connection. The user does not need to be physically present in a specific location or own a costly infrastructure to keep files.

CHAPTER 10

CONCLUSION

10.1.CONCLUSION

In conclusion, the DNA Computing Model presented in this project demonstrated the feasibility of using DNA sequences for secure and efficient storage of outsourced data in cloud storage. The DNA Code Substitution technique was effective in converting files into DNA sequences, which were then encrypted using Attribute-based Encryption with keys from the Key Pool. The DNA Recovery Algorithm successfully decrypted the DNA sequences and recovered the original file format. The DNA Attribute-based Decryption was also effective in decrypting the encrypted DNA sequences. The DNA-based approach offers a new paradigm for data storage, security, and privacy, and we are optimistic about its future prospects.

10.2.Future Scope

The future scope for the DNA computing model to convert files to DNA sequences using DNA code substitution and produce encrypted DNA sequences using attribute-based encryption with a key from the key pool in the cloud, along with the DNA recovery algorithm and DNA attribute-based decryption can be summarized as follows:

1. Optimization of algorithms: There is always room for optimization of algorithms used in the DNA computing model, such as the DNA code substitution algorithm and the attribute-based encryption algorithm. The optimization can help to reduce the computation time and enhance the performance of the model.
2. Integration with existing cloud storage systems: The DNA computing model can be integrated with existing cloud storage systems to provide an additional layer of security for sensitive data.

CS8691

ARTIFICIAL INTELLIGENCE

L T P C

3 0 0 3

OBJECTIVES:

- To understand the various characteristics of Intelligent agents
- To learn the different search strategies in AI
- To learn to represent knowledge in solving AI problems
- To understand the different ways of designing software agents
- To know about the various applications of AI.

UNIT I INTRODUCTION

9

Introduction–Definition-FutureofArtificialIntelligence–CharacteristicsofIntelligentAgents–
TypicalIntelligentAgents–ProblemSolvingApproachtoTypicalAIproblems.

UNIT II PROBLEMSOLVINGMETHODS

9

Problem solving Methods - Search Strategies- Uninformed - Informed - Heuristics - Local
SearchAlgorithmsandOptimizationProblems-SearchingwithPartialObservations-
ConstraintSatisfactionProblems—ConstraintPropagation-BacktrackingSearch-GamePlaying-
Optimal Decisions in Games–Alpha-Beta Pruning-Stochastic Games

UNIT III KNOWLEDGEREPRESENTATION

9

First Order Predicate Logic – Prolog Programming – Unification – Forward Chaining-
Backward Chaining – Resolution – Knowledge Representation - Ontological Engineering-
Categories and Objects – Events - Mental Events and Mental Objects - Reasoning Systems for
Categories -Reasoning with Default Information

UNIT IV SOFTWAREAGENTS

9

ArchitectureforIntelligentAgents–Agentcommunication–NegotiationandBargaining–
ArgumentationamongAgents–TrustandReputationinMulti-agentsystems.

UNIT V APPLICATIONS


9

AI applications – Language Models – Information Retrieval- Information Extraction – Natural
Language Processing - Machine Translation – Speech Recognition – Robot – Hardware –
Perception–Planning–Moving

TOTAL:45PERIODS

OUTCOMES:

Up on completion of the course, the students will be able to:


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- Use appropriate search algorithms for any AI problem
- Represent a problem using first order and predicate logic
- Provide the apt agent strategy to solve a given problem
- Design software agents to solve a problem
- Design applications for NLP that use Artificial Intelligence.

TEXTBOOKS:

1. S.Russell and P.Norvig, "Artificial Intelligence: A Modern Approach", Prentice Hall, Third Edition, 2009.
2. I.Bratko, —Prolog: Programming for Artificial Intelligence, Fourth edition, Addison-Wesley Educational Publishers Inc., 2011.

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1. M.Tim Jones, —Artificial Intelligence: A Systems Approach (Computer Science), Jones and Bartlett Publishers, Inc.; First Edition, 2008
2. Nils J.Nilsson, —The Quest for Artificial Intelligence, Cambridge University Press, 2009.
3. William F.Clocks in and Christopher S.Mellish, "Programming in Prolog: Using the ISO Standard", Fifth Edition, Springer, 2003.
4. Gerhard Weiss, —Multi Agent Systems, Second Edition, MIT Press, 2013.
5. David L.Poole and Alan K.Mackworth, —Artificial Intelligence: Foundations of Computational Agents, Cambridge University Press, 2010.



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**BIOKEY FOR USER AUTHENTICATION AND
DATA PROTECTION SYSTEM IN CLOUD**



A PROJECT REPORT

Submitted by

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(731219104017)

A.TAMILSELVAN

(731219104027)

*in partial fulfillment for the award of the degree
of*

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

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BONAFIDE CERTIFICATE

Certified that this project report on "BIOKEY FOR USER AUTHENTICATION AND DATA PROTECTION SYSTEM IN CLOUD" is the Bonafide work of "S.PRAVIN (731219104017), A.TAMILSELVAN (731219104027)" who carried out the project work under my supervision.


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18/05/2023 / FN


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


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Abstract

Cloud computing is emerging as the most suitable paradigm for individuals and organizations to access inexpensive, scalable, ubiquitous, and on-demand computing resources, applications, and data storage services. With the growing popularity of cloud computing, the number of enterprises and individuals shifting toward the use of cloud has increased rapidly. As a result, a vast amount of important personal information and critical organization data, such as personal health records, government documents, and company finance data, etc., are transmitted across the Internet and stored in cloud servers. However, outsourcing sensitive data suffers from critical security threats, privacy, and access control problems. The severe common concerns of organizations and individuals using cloud services. When data owners migrate their sensitive data to the cloud, they lose an element of control over their data. With this in mind, this project presents a user-side fingerprint based encrypted file system named Client Centric FS. Moreover, we propose a Biometric based cryptographic protocol **Bio CRYPT** that uses symmetric encryption algorithms in order to improve the security and performance of the personal and shared files that are out sourced. The key management is conveniently designed. In order to ensure robust data sharing security, the Fingerprint-based encryption scheme (FBE) is integrated with Client Centric FS. Client Centric FS is designed to preserve the integrity of outsourced file data and file system data structure. Analysis of performance and experimental results show that Client Centric FS is efficient. It can achieve an average throughput of 8.8 MB/sec, and 10.5 MB/sec for writing and reading outsourced files. Security analysis indicates that Client Centric FS is extremely secure and robust against attacks such as brute-force, eavesdropping, man-in-the-middle, and offline-dictionary attack.

CHAPTER 1 INTRODUCTION

1.1 Overview

Data is one of the most valuable assets that any company can hold. One of the best ways to store these assets is within the cloud. Cloud computing is the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing. Instead of buying, owning, and maintaining physical data centres and servers, you can access technology services, such as computing power, storage, and databases, on an as-needed basis from a cloud provider like Amazon Web Services (AWS).

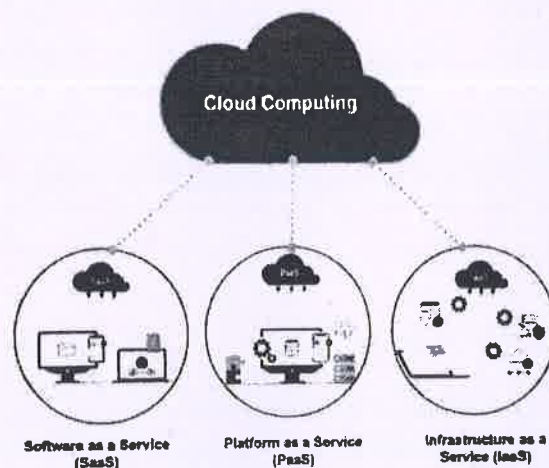


Figure 1.1 Types of Cloud Services

1.1.1 Types of Cloud Services

Cloud computing is not a single piece of technology like a microchip or a cell phone. Rather, it's a system primarily comprised of three services: software-as-a-service (SaaS), infrastructure-as-a-service (IaaS), and platform-as-a-service (PaaS).

Software-as-a-service (SaaS)

It involves the licensure of a software application to customers. Licenses are typically provided through a pay-as-you-go model or on-demand. This type of system can be found in Microsoft Office's.

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CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

8.1 Conclusion

In this project, Client Centric FS is introduced. CCFS is a user-side fingerprint based encrypted file system that is implemented to secure outsourced files to cloud storage systems. It can enforce a secure file system mount over the cloud synchronized directory to perform a transparent encryption on per-file basis using BioKey. CCFS does not introduce dependencies to the asymmetric encryption ciphers, but rather proposes a Biometric Symmetric encryption scheme that combines Fingerprint and BioKey is used to encrypt files for the outsourced personal and shared files. In addition, CCFS uses the IBE scheme to facilitate the outsourced file sharing accessible only by authorized users with appropriate secret keys. CCFS can guarantee the integrity of the outsourced data files and the file system data structure against tampering and deletion attacks. The performance of the proposed CCFS on different file sizes has been quantitatively evaluated on representative hardware and file sizes. The results show that CCFS is reasonably efficient. With a block size of 4 KB, CCFS could achieve an average throughput of 8.8 MB/sec, and 10.5 MB/sec, respectively, for writing and reading outsourced files. Security analysis show that the proposed CCFS is highly secure, and it can effectively resist attacks, such as brute-force, eavesdropping, man-in-the-middle, offline dictionary, and collusion attacks on outsourced files.

8.2 Future Enhancement

Future research includes exploring other biometric traits and also multi-modal biometrics for other sensitive applications (e.g., in national security matters). Intend to enhance the performance of CCFS using several improvement suggestions, such as parallel encryption, selective encryption, and intelligent .





**CYBERSECURITY FIRMWARE FOR MALWARE
DETECTION AND PREVENTION USING
TRANSFORMER LEARNING**



A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report on **"CYBERSECURITY FIRMWARE FOR MALWARE DETECTION AND PREVENTION USING TRANSFORMER LEARNING"** is the Bonafide work of **"N.PRATHAP (731219104016), R.SANTHAMOORTHY (731219104021)"** who carried out the project work under my supervision.



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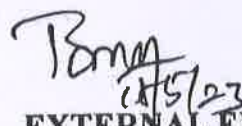
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Submitted for the Viva-Voce examination held on 18.05.2023 / FN



INTERNAL EXAMINER



EXTERNAL EXAMINER



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ABSTRACT

Malware detection plays a crucial role in cyber-security with the increase in malware growth and advancements in cyber-attacks. Malicious software applications, or malware, are the primary source of many security problems. These intentionally manipulative malicious applications intend to perform unauthorized activities on behalf of their originators on the host machines for various reasons such as stealing advanced technologies and intellectual properties, governmental acts of revenge, and tampering sensitive information, to name a few. More efficient mitigation methods are needed due to the fast expansion of malicious software on the internet and their self-modifying abilities, as in polymorphic and metamorphic malware. This project proposes to develop the MalFree Sandbox with stacked bidirectional long short-term memory (Stacked BiLSTM) and generative pre-trained transformer based (GPT-2) deep learning language models for detecting malicious code offline. The proposed algorithms, namely the bidirectional long short-term memory (BiLSTM) model and the generative pre-trained transformer 2 (GPT-2) detect malicious code pieces by examining assembly instructions obtained from static analysis results of Portable Executable (PE) Files. To understand malwares through MalFree Sandbox, care must be taken to sandbox the malwares in an environment that allows for a detailed and comprehensive analysis while also preventing it from being able to further spread.



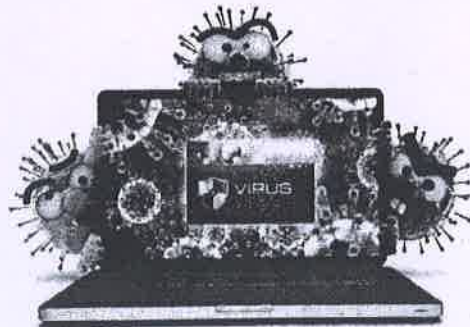
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CHAPTER 1

INTRODUCTION

1.1. OVERVIEW

Malware (short for “malicious software”) is a file or code, typically delivered over a network, that infects, explores, steals or conducts virtually any behavior an attacker wants. And because malware comes in so many variants, there are numerous methods to infect computer systems. It has been designed to achieve the goals of attackers. These goals include disturbing system operations, gaining access to computing system and network resources, and gathering personal sensitive information without user’s permission. As a result, malware often creates a menace to the integrity of the hosts, availability of the Internet, and the privacy of the users. Malware can reach the systems in different ways and through multiple channels.



1.1.1. Types of Malware

Here’s a list of the common types of malware and their malicious intent:



Figure 1.1 Types of Malware

CHAPTER 10

10.1. CONCLUSION

Malicious software applications, or malware, are the primary source of many security problems. These intentionally manipulative malicious applications intend to perform unauthorized activities on behalf of their originators on the host machines for various reasons such as stealing advanced technologies and intellectual properties, governmental acts of revenge, and tampering sensitive information, to name a few. This project introduces MalFree, an interactive visualization platform for hybrid analysis and diagnosis of malware. This approach first represents the behavioral properties of the major malware classes (such as Trojan or backdoor), aiming to capture the common visual signatures of these malicious applications. MalFree implements a web-based prototype for demonstrating our approach to analyzing 60 malware samples from seven different classes. We focused on opcodes and operands, instead of opcodes only, to develop stacked bidirectional long short-term memory (BiLSTM) models and the decoder-based transformers generative pretrained transformers 2 (GPT-2) models. The resulting accuracy rate 95.4% shows that it is possible to classify malicious and benign assembly codes by GPT-2 with a custom pretrained model. By experimental results, we showed that using byte streams of different formats may contribute to performance improvements. This also allowed for faster detection of malware classes, permitting a quicker response in anti-malware cybersecurity applications. Overall, the application of this project can help identify malware types faster, prevent from malware attack and more accurately than contemporary approaches which can help save time when defending against malwares.



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Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



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INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731219104016	PRATHAP.N	PANTECH SOLUTIONS	COIMBATORE	20.03.2023 to 25.03.2023
2	731219104021	SANTHA MOORTHI.R			

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Internship

1 message

MON 13 Mar 2023 at 2.00pm

From: HODCSE<hodcse@jkkmct.edu.in>

Date: MON 13 Mar 2023 at 2.00pm

Subject: Internship-reg

To: PANTECH SOLUTIONS<hr.hr.pantechsolutions@gmail.com>

Dear Sir,


I am requesting to be joining your **PANTECH SOLUTIONS**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **PRATHAP.N, SANTHA MOORTHILR**

Sincerely,

Final Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


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GOBI (Tk), ERODE (Dt).



Internship
1 message

THUR 16 Mar 2023 at 3.30pm

From: PANTECH SOLUTIONS <hr.pantechsolutions@gmail.com>

Date: THUR 16 Mar 2023 at 3.30pm

Subject: Internship-reg

To: HODCSE <hodcse@jkkmct.edu.in>

Dear SIR,


I am writing to confirm my acceptance of your internship offer of 20.03.2023 to 25.03.2023 and to tell you how to be joining my PANTECH SOLUTIONS. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on March 18, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: PRATHAP.N, SANTHA MOORTHILR

Sincerely,

HR Manager,
PANTECH SOLUTIONS,
Coimbatore.


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PANTECH SOLUTIONS[®]

Technology Beyond the Dreams

This is to certify that **Mr/Ms. PRATHAP.N** Final year B.E., Computer Science and Engineering of **JKK MUNIRAJAH COLLEGE OF TECHNOLOGY**, Erode, has attended Internship training in our organization from **20.03.2023 to 25.03.2023**. During this Internship training, he/she has learned the overview concepts of **BIGDATA AND MACHINE LEARNING WITH HYPERSPECTRAL INFORMATION IN AGRICULTURE**

DATE:25.03.2023



Authorized signature

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PANTECH SOLUTIONS[®]

Technology Beyond the Dreams

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DATE: 25.03.2023



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**DETECTION OF CARDIOVASCULAR DISEASE IN ECG
IMAGE USING DEEP LEARNING METHODS**



A PROJECT REPORT

Submitted by

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M.SURIYA SARASWATHI

(731219104026)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

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BONAFIDE CERTIFICATE

Certified that this project report on **“DETECTION OF CARDIOVASCULAR DISEASE IN ECG IMAGE USING MACHINE LEARNING AND DEEP LEARNING METHODS”** is the bonafide work of **“R.SUDHA DHARANI (731219104024) and M.SURIYA SARASWATHI(731219104026),”** who carried out the project work under my supervision.


SIGNATURE


SIGNATURE

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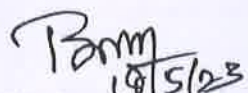
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T.N.Palayam

T.N.Palayam

Submitted for the Viva-Voce examination held on 18.05.2023 @ P.M


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ABSTRACT

Cardiovascular diseases (heart diseases) are the leading cause of death worldwide. The earlier they can be predicted and classified; the more lives can be saved. Electro-cardiogram (ECG) is a common, inexpensive, and noninvasive tool for measuring the electrical activity of the heart and is used to detect cardiovascular disease. In this work, the power of deep learning techniques was used to predict the four major cardiac abnormalities: abnormal heartbeat, myocardial infarction, history of myocardial infarction, and normal person classes using the public ECG images dataset of cardiac patients. First, the transfer learning approach was investigated using the low-scale pre-trained deep neural networks Squeeze Net and Alex Net. Second, a new Convolutional Neural Network (CNN) architecture was proposed for cardiac abnormality prediction. Third, the afore-mentioned pretrained models and our proposed CNN model were used as feature extraction tools for traditional machine learning algorithms, namely Support Vector Machine (SVM), K-Nearest Neighbors (K-NN), Decision Tree (DT), Random Forest (RF), and Naïve Bayes (NB). According to the experimental results, the performance metrics of the proposed CNN model outperform the exiting works; it achieves 98.23% accuracy, 98.22% recall, 98.31% precision, and 98.21% F1 score. Moreover, when the proposed CNN model is used for feature extraction, it achieves the best score of 99.79% using the NB algorithm.

CHAPTER 1

INTRODUCTION

1.1 OVERVIEW OF THE PROJECT

According to the World Health Organization (WHO), cardiovascular diseases (heart diseases) are the leading cause of death worldwide. They claim an estimated 17.9 million lives each year, accounting for 32% of all deaths worldwide. About 85% of all deaths from heart disease are due to heart attacks, also known as myocardial infarctions. Many lives can be saved if efficient diagnosis of cardiovascular disease is detected at earlier stage. Different techniques are used in healthcare system to detect heart diseases such as electro-cardiogram (ECG), echocardiography (echo), cardiac magnetic resonance imaging (MRI), computed tomography (CT), blood tests, etc., The ECG is a common, inexpensive, and noninvasive tool for measuring the electrical activity of the heart. It is used to identify heart related cardiovascular diseases. A highly skilled clinician can detect heart disease from the ECG waves. However, this manual process can lead to inaccurate results and is very time-consuming.

There is great potential to benefit from advances in artificial intelligence in healthcare to reduce medical errors. In particular, the use of machine learning and deep learning techniques for automatic prediction of heart diseases . The machine learning methods require an expert entity for features extraction and selection to identify the appropriate features before applying the classification phase.



CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

8.1 CONCLUSION

We proposed a lightweight CNN-based model to classify the four major cardiac abnormalities: abnormal heartbeat, myocardial infarction, history of myocardial infarction, and normal person classes using public ECG images dataset of cardiac patients. According to the results of the experiments, the proposed Mobile Net Architecture achieves remarkable results in cardiovascular disease classification and can also be used as a feature extraction tool for the traditional machine learning classifiers. Thus, the proposed CNN model can be used as an assistance tool for clinicians in the medical field to detect cardiac diseases from ECG images and bypass the manual process that leads to inaccurate and time-consuming results.

8.2 FUTURE ENHANCEMENT

In future work, optimization techniques can be used to obtain optimized values for the hyper parameters of the proposed CNN model. The proposed model can also be used for predicting other types of problems. Since, the proposed model belongs to the family of low-scale deep learning methods in terms of the number of layers, parameters, and depth. Therefore, a study on using the proposed model in the Industrial Internet of Things (IoT) domain for classification purposes can be explored.



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731219104018	SUDHA DHARAN.I.R	PANTECH SOLUTIONS	COIMBATORE	20.03.2023 to 25.03.2023
2	731219104026	SURIYA SARASWATHI.M			

PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



Internship

1 message

MON 13 Mar 2023 at 2.00pm

From: HODCSE<hodcse@jkkmct.edu.in>

Date: MON 13 Mar 2023 at 2.00pm

Subject: Internship-reg

To: PANTECH SOLUTIONS<hr. hr.pantechsol@gmail.com>

Dear Sir,


I am requesting to be joining your **PANTECH SOLUTIONS**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **SUDHA DHARANI.R, SURIYA SARASWATHI.M**

Sincerely,

Final Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

THUR 16 Mar 2023 at 3.30pm

From: PANTECH SOLUTIONS <hr.pantechsol@gmail.com>

Date: THUR 16 Mar 2023 at 3.30pm

Subject: **Internship-reg**

To: HODCSE <hodcse@jkkmct.edu.in>

Dear SIR,


I am writing to confirm my acceptance of your **internship offer of 20.03.2023 to 25.03.2023** and to tell you how to be joining my **PANTECH SOLUTIONS**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on March 18, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **SUDHA DHARANI.R, SURIYA SARASWATHI.M**

Sincerely,

HR Manager,
PANTECH SOLUTIONS,
Coimbatore.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

PANTECH SOLUTIONS[®]

Technology Beyond the Dreams

THIS IS TO CERTIFY THAT **MR/MS. SUBHA DHARANI.R** FINAL YEAR
B.E., COMPUTER SCIENCE AND ENGINEERING OF **JKK MUNIRAJAH**
COLLEGE OF TECHNOLOGY, ERODE, HAS ATTENDED **INTERNSHIP**
TRAINING IN OUR ORGANIZATION FROM 20.03.2023 TO 25.03.2023.
DURING THIS **INTERNSHIP** TRAINING, HE/SHE HAS LEARNED THE
OVERVIEW CONCENTPTS OF
DEFECTION OF CARDIOVASCULAR DISEASE IN ECG IMAGE USING
MACHINE LEARNING & DEEP LEARNING

DATE: 25.03.2023



Authorized signature

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OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

PANTECH SOLUTIONS[®]

Technology Beyond the Dreams

THIS IS TO CERTIFY THAT **MR/MS. SURIYA SARASWATHI** FINAL YEAR B.E., COMPUTER SCIENCE AND ENGINEERING OF **JKK MUNIRAJAH COLLEGE OF TECHNOLOGY, ERODE**, HAS ATTENDED **INTERNSHIP TRAINING** IN OUR ORGANIZATION FROM **20.03.2023 TO 25.03.2023**. DURING THIS INTERNSHIP TRAINING, HE/SHE HAS LEARNED THE OVERVIEW CONCEPTS OF **DEFECTION OF CARDIOVASCULAR DISEASE IN ECG IMAGE USING MACHINE LEARNING & DEEP LEARNING**

DATE: 25.03.2023



Authorized signature

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
ERODE (Dt)



**INTERACTING WITH COMPUTER
USING HAND GESTURE WITH
IMAGE PROCESSING & MACHINE
LEARNING**



A PROJECT REPORT

Submitted by

S.PRIYA (731219104018)

R.SURYA (731219104025)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N.PALAYAM, GOBI-638 506

ANNA UNIVERSITY:: CHENNAI 600 025

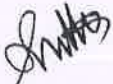
MAY 2023

**PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).**

ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report on **"INTERACTING WITH COMPUTER USING HAND GESTURE WITH IMAGE PROCESSING & MACHINE LEARNING"** is the Bonafide work of **"S.PRIYA (731219104018) and R.SURYA(731219104025),"** who carried out the project work under my supervision.



SIGNATURE

Dr.N.SATHYABALAJI M.E.Ph.D.,M.I.S.T.E

ASSOCIATE PROFESSOR

HEAD OF THE DEPARTMENT

Dept.of Computer Science and Engineering

J.K.K.Munirajah College of Technology

T.N.Palayam



SIGNATURE

Mrs.M.C SAVITHRI,M.E

ASSISTANT PROFESSOR

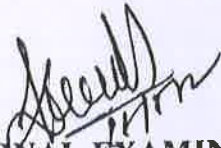
SUPERVISOR

Dept.of Computer Science and Engineering

J.K.K.Munirajah College of Technology

T.N.palayam

Submitted for the Viva-Voce examination held on 18.05.2023 & FN



INTERNAL EXAMINER



EXTERNAL EXAMINER



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (DI).

ABSTRACT

The apparition on market of the low-cost webcams with, at least, satisfactory qualities open up new directions regarding the implementation of human computer interaction (HCI) interfaces. The paper presents a HCI interface for mouse cursor control. The purpose of the implemented solution is to control the mouse cursor by user hand gestures captured through a webcam. For improving the gesture recognition based on the fluctuation of luminance levels the finger strips color detection was used. The results reveal the good behavior of the system in low light condition. We are using Machine Learning, Neural Networks, Deep Learning concept to detect the Fingers and control the mouse and using the features of mouse.

The presence of computers and making use of the facilities of human computer interaction in our societies will obviously bring and mark a positive impact on our societies. when the technologies has been advanced so much that we spent most of our times to communicate, play, do our jobs with the machines and many more, even then human beings had used and are still using a broad range of gestures to communicate Our main goal is to make the interaction between human and computer as natural as the interaction between humans.

CHAPTER I

INTRODUCTION

1.1 OVERVIEW OF THE PROJECT

Human Computer Interaction today greatly emphasizes on developing more spontaneous and natural interfaces. The Graphical User Interface (GUI) on Personal Computers (PCs) is quiet developed, well defined an efficient interface for a user to interact with the computer and access the various applications effortlessly with the help of mice, track pad, etc. In the present day scenario most of the mobile phones are using touch screen technology to interact with the user. But this technology is still not cheap to be used in desktops and laptops. Our objective was to create a virtue mouse system using Web camera to interact with the computer in a more user friendly manner that can be alternative approach for the touch screen. Touch screen are also a good control interface and nowadays it is used globally in many applications.

However, touch screen cannot be applied to desktop systems because of cost and other hardware limitations. By applying vision technology and controlling the mouse by natural hand gestures, reduce the work space required. On developing this approach that uses a video device to control the mouse system. This mouse system can control all mouse tasks, such as clicking (right and left), double clicking and scrolling. Many researchers in the human computer interaction and robotics fields have tried to control mouse movement using video devices. However, all of them used different methods to make Clicking event. One approach, by Redeem et al, used fingertip tracking to control the motion of the mouse. A click of the mouse button was implemented by defining a screen such that a click occurred when a user's hand passed over the region. Another

CHAPTER 8

CONCLUSION AND FUTURE SCOPE

8.1 CONCLUSION

The main objective of the AI virtual mouse system is to control the mouse cursor functions by using the hand gestures instead of using a physical mouse. The proposed system can be achieved by using a webcam or a built-in camera which detects the hand gestures and hand tip and processes these frames to perform the particular mouse functions. From the results of the model, we can come to a conclusion that the proposed AI virtual mouse system has performed very well and has a greater accuracy compared to the existing models and also the model overcomes most of the limitations of the existing systems.

Since the proposed model has greater accuracy, the AI virtual mouse can be used for real-world applications, and also, it can be used to reduce the spread of COVID-19, since the proposed mouse system can be used virtually using hand gestures without using the traditional physical mouse.

The model has some limitations such as small decrease in accuracy in right click mouse function and some difficulties in clicking and dragging to select the text. Hence, we will work next to overcome these limitations by improving the finger tip detection algorithm to produce more accurate results.

INTERNSHIP



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Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.


Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731219104004	BALAKRISHNAN.V	KAASHIV INFO TECH	CHENNAI	30.01.2023 to 04.02.2023
2	731219104006	DHATCHANA MOORTHI.A.P			
3	731219104011	MADHAN.M			
4	731219104014	MOHANRAJ.S			
5	731219104016	PRATHAP.N			
6	731219104017	PRAVIN.S			
7	731219104021	SANTHA MOORTHI.R			
8	731219104022	SENTHIL KUMAR.V			
9	731219104023	SUBASH CHANDRAN.P			
10	731219104027	TAMILSELVAN.A			


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JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship

1 message

MON 22 Jan 2023 at 2.00pm

From: HODCSE <hodcse@jkkmct.edu.in>

Date: MON 22 Jan 2023 at 2.00pm

Subject: Internship-reg

To: KAASHIV INFO TECH <hr.kaashivinfotech@gmail.com>

Dear Sir,


I am requesting to be joining your **KAASHIV INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **BALAKRISHNAN.V, DHATCHANA MOORTHIL.A.P, MADHAN.M, MOHANRAJ.S, PRATHAP.N, PRAVIN.S, SANTHA MOORTHIL.R, SENTHIL KUMAR.V, SUBASH CHANDRAN.P, TAMILSELVAN.A**

Sincerely,

Final Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



Internship
1 message

THUR 25 Jan 2023 at 3.30pm

From: KAASHIV INFO TECH <hr.kaashivinfotech@gmail.com>

Date: THUR 25 Jan 2023 at 3.30pm

Subject: **Internship-reg**

To: HODCSE <hodcse@jkkmct.edu.in>

Dear SIR,


I am writing to confirm my acceptance of your **internship offer of 30.01.2023 to 04.02.2023** and to tell you how to be joining my **KAASHIV INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JAN 28, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **BALAKRISHNAN.V, DHATCHANA MOORTHIL.A.P, MADHAN.M, MOHANRAJ.S, PRATHAP.N, PRAVIN.S, SANTHA MOORTHL.R, SENTHIL KUMAR.V, SUBASH CHANDRAN.P, TAMILSELVAN.A**

Sincerely,

HR Manager,
KAASHIV INFO TECH,
Chennai.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Pc)-638 506.
GOBI (Tk), ERODE (Dt).




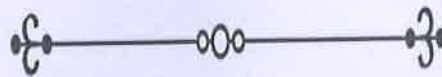
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.SUBASH**
CHANDRAN.P, studying **BE.Computer Science and Engineering** in
J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY has successfully
completed **Internship Program** from **30.01.2023** to **04.02.2023** at
Kaashiv info tech, Chennai

During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



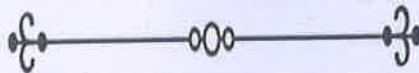
KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.SENTHIL KUMAR.V**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed **Internship Program** from **30.01.2023 to 04.02.2023** at **Kaashiv info tech, Chennai**
During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



KaaShiv InfoTech




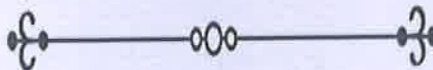
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.SANTHA MOORTHY.R**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed **Internship Program** from **30.01.2023** to **04.02.2023** at **Kaashiv info tech, Chennai**

During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.PRAVIN.S**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed **Internship Program** from **30.01.2023** to **04.02.2023** at **Kaashiv info tech**, Chennai

During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.PRATHAP.N**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY**


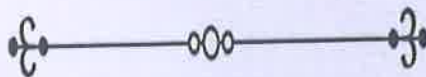
has successfully completed Internship Program from **30.01.2023** to

04.02.2023 at **Kaashiv info tech**, Chennai

During the Internship, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



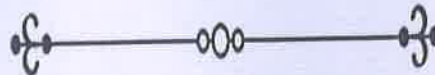
KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.MOHANRAJ.S**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed Internship Program from **30.01.2023** to **04.02.2023** at **Kaashiv info tech**, Chennai
During the Internship, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN


This is to certify that **Mr.MADHAN.M**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed Internship Program from **30.01.2023** to

04.02.2023 at **Kaashiv info tech, Chennai**

During the Internship, her Performance was good.



Manager



PRINCIPAL
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T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



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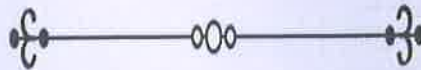
TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.DHATCHANA**
MOORTHY.A.P, studying **BE.Computer Science and Engineering** in
J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY has successfully
completed **Internship Program** from **30.01.2023** to **04.02.2023** at
Kaashiv info tech, Chennai

During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GODI (Tk., JRODE (Dt).



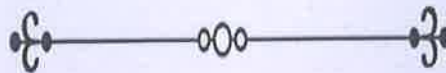
KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. BALAKRISHNAN.V**, studying **BE. Computer Science and Engineering** in **J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed **Internship Program** from **30.01.2023 to 04.02.2023** at **Kaashiv info tech, Chennai**
During the **Internship**, her Performance was good.



Manager



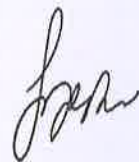
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (DI).



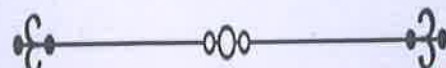
KaaShiv InfoTech

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.TAMILSELVAN.A**, studying **BE.Computer Science and Engineering** in **J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY** has successfully completed **Internship** Program from **30.01.2023 to 04.02.2023** at **Kaashiv info tech**, Chennai
During the **Internship**, her Performance was good.



Manager



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SI. NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731219104005	BHUVANESHWARI.M	SQUARE SOFT TECHNOLOGIES	COIMBATORE	23.01.2023 to 28.01.2023
2	731219104010	INDHUMATHI.P			
3	731219104012	MAHESHWARI.M			
4	731219104015	PAVITHRA.R			
5	731219104018	PRIYA.S			
6	731219104019	RAMYA.V			
7	731219104018	SUDHA DHARANI.R			
8	731219104019	SURIYA.R			
9	731219104026	SURIYA SARASWATHI.M			
10	731219104028	VENNILA.C			

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



Internship

1 message

MON 16 Jan 2023 at 2.00pm

From: HODCSE <hodcse@jkkmct.edu.in>

Date: MON 16 Jan 2023 at 2.00pm

Subject: Internship-reg

To: SQUARE SOFT TECHNOLOGIES <hr.squaresofttechnologies@gmail.com>

Dear Sir,


I am requesting to be joining your **SQUARE SOFT TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **BHUVANESHWARI.M, INDHUMATHI.P, MAHESHWARI.M, PAVITHRA.R, PRIYA.S, RAMYA.V, SUDHA DHARANI.R, SURIYA.R, SURIYA SARASWATHI.M, VENNILA.C.**

Sincerely,

Final Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship
1 message

THUR 19 Jan 2023 at 3.30pm

From: SQUARE SOFT TECHNOLOGIES <hr.squaresofttechnologies@gmail.com >

Date: THUR 19 Jan 2023 at 3.30pm

Subject: Internship-reg

To: HODCSE <hodcse@jkkmct.edu.in >

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 23.01.2023 to 28.01.2023 and to tell you how to be joining my SQUARE SOFT TECHNOLOGIES. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JAN 21, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: BHUVANESHWARI.M, INDHUMATHI.P, MAHESHWARI.M, PAVITHRA.R, PRIYA.S, RAMYA.V, SUDHA DHARANI.R, SURIYA.R, SURIYA SARASWATHI.M, VENNILA.C

Sincerely,

HR Manager,
SQUARE SOFT TECHNOLOGIES,
Coimbatore.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TR), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.SURIYA SARASWATHI.M** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHNOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "J. K. K.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "J. K. K.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.SURIYA.R** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHNOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "R. Suresh", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "S. Suresh", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.SUDHA DHARANI.R** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "Sudha", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "Sudha", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.RAMYA.V** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "R. V.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "S. V.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.PRIYA.S** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "J. S.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "K. S.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.PAVITHRA.R** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "J. R.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "T. N. Palayam", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)- 638 506.
GOBI (TK), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.MAHESHWARI.M** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.
His/Her performance was good throughout the **internship.**

A handwritten signature in black ink, appearing to be "J.K.K.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "J.K.K.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.INDHUMATHI.P** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "J. P. S.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "K. S. S.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. BHUVANESHWARI.M** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.

His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "G. R. H.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "J. K. M.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



SQUARE SOFT TECHNOLOGIES

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.VENNILA.C** studying **BE.Computer Science and Engineering** in **JKK Munirajah College of Technology** has/have successfully completed the **internship** program from **23.01.2023** to **28.01.2023** at **SQUARESOFT TECHONOLOGIES**, Coimbatore.
His/Her performance was good throughout the **internship**.

A handwritten signature in black ink, appearing to be "G. R. S.", written over a horizontal line.

Manager

28.01.2023

Date

A handwritten signature in green ink, appearing to be "S. M. S.", written over a horizontal line.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104014	LOGANATHAN.T	ANJANA INFO TECH	RAJAPALAYAM	3-7-2023
2	731220104028	VIGNESH.M			to 13-7-2023

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship

1 message

WED 28 Jun 2023 at 2.00pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: WED 28 Jun 2023 at 2.00pm

Subject: **Internship-reg**

To: ANJANA INFO TECH <hr.anjanainfotech@gmail.com>

Dear Sir,


I am requesting to be joining your **ANJANA INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **LOGANATHAN.T, VIGNESH.M**

Sincerely,

3 rd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

FRI 30 Jun 2023 at 3.30pm

From: ANJANA INFO TECH <hr.anjanainfotech@gmail.com >

Date: FRI 30 Jun 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA sasirekapese@jkkmct.edu.in

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 03.07.2023 to 13.07.2023 and to tell you how to be joining my ANJANA INFO TECH. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 1, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: LOGANATHAN.T, VIGNESH.M

Sincerely,

HR Manager,
ANJANA INFO TECH,
Rajapalayam..


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Anjana Infotech
Your Dream We Display

Date: 13.07.2023

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that the **internship** training entitled **Mobile App Development** submitted by **Mr. T. Loganathan (731220104014)** Studying **B.E (Computer Science)** at, **J.K.K Munirajah College of Technology** has undergone **internship** training at our **Anjana Infotech Private Limited Rajapalayam**, as a collaborative activity from **03.07.2023** to **13.07.2023**. He has successfully Completed his **Internship** under my Guidance and is worthy of consideration for the same.

Thanking you.

M SAKTHI SARAVANAN
Proprietor



info@anjanainfotech.in

anjanainfotech.in

359 B6/5, Ilathupillamar Complex, Near Gandhi Statue,
Rajapalayam - 626 117

+91 97829 70633 | +91 9787 248063



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Anjana Infotech
Your Dream We Display

Date: 13.07.2023

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that the **internship** training entitled Mobile App Development submitted by **Mr. M. Vignesh (731220104028)** Studying B.E (Computer Science) at, J.K.K Munirajah College of Technology has undergone internship training at our **Anjana Infotech Private Limited Rajapalayam**, as a collaborative activity from **03.07.2023** to **13.07.2023**. He has successfully Completed his **Internship** under my Guidance and is worthy of consideration for the same.

Thanking you.



M. Sakthi Saravanan

M SAKTHI SARAVANAN
Proprietor

Info@anjanainfotech.in

359 B8/5, Illathupillamar Complex, Near Gandhi Statue,
Rajapalayam - 626 117.

anjanainfotech.in

+91 97879 70633 | +91 9787 248063



[Signature]
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104003	BALU.R	APPIN TECH	COIMBATORE	30.6.2023 to 4.7.2023
2	731220104004	CHARLES WILLIAM.L			
3	731220104005	DEEPAK.S			
4	731220104006	DEEPIKA.S			
5	731220104009	JAGATHESWARAN.P			
6	731220104012	KAVIN.M			
7	731220104019	NIRMALRAJ.S			
8	731220104022	ROHITH.R			
9	731220104029	VINISHA.T			
10	731220104030	VINITHA.A			

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship

1 message

FRI 23 Jun 2023 at 2.00pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: FRI 23 Jun 2023 at 2.00pm

Subject: Internship-reg

To: APPIN <appintechhr@gmail.com>

Dear Sir,


I am requesting to be joining your **APPIN TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **BALU.R, CHARLES WILLIAM.L, DEEPAK.S, DEEPIKA.S, JAGATHESWARAN.P, KAVIN.M, NIRMALRAJ.S, ROHITH.R, VINISHA.T, VINITHA.A**

Sincerely,

3 rd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship
1 message

MON 26 Jun 2023 at 3.30pm

From: APPIN <appintechhr@gmail.com>

Date: MON 26 Jun 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA sasirekapcse@jkkmct.edu.in

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 30-6-2023 TO 4.7.2023


and to tell you how to be joining my APPIN TECH. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 9:00 a.m. on JUNE 28, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: BALU.R, CHARLES WILLIAM.L, DEEPAK.S, DEEPIKA.S, JAGATHESWARAN.P, KAVIN.M, NIRMALRAJ.S, ROHITH.R, VINISHA.T, VINITHA.A

Sincerely,

HR Manager,
APPIN TECH ,
COIMBATORE


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. ROHITH R (731220104022)**, Third year, **BACHELOR OF ENGINEERING In COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship** training in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship** training, **He** has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.

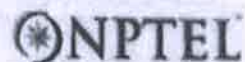
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

144, Sengupta Street, Ram Nagar,
Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia




Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that Ms. VINITHA A (731220104030), Third year, BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING, student of J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM, has attended Internship training in our organization from June 30th 2023 to July 04th 2023.

During this Internship training, She has learned the overview concepts of DATA SCIENCE WITH PYTHON.

Thanking You.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

144, Sengupta Street, Ram Nagar,
Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupidia






Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. BALU R (731220104003)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K. MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship training** in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.

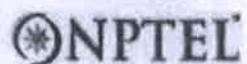

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

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Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia



Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. NIRMALRAJ S (731220104019)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship** training in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship** training, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

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Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia




Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. DEEPAK S (731220104005)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship** training in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.


PRINCIPAL
J. K. K MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

144, Sengupta Street, Ram Nagar,
Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia

 NPTEL


Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Ms. VINISHA T (731220104029)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended Internship training in our organization from **June 30th 2023 to July 04th 2023**.

During this Internship training, She has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Ms. DEEPIKA S (731220104006)**, Third year, **BACHELOR OF ENGINEERING In COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship** training in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, She has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).




Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. JAGATHESWARAN P (731220104009)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship training** in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt)

144, Sengupta Street, Ram Nagar,
Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia



Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. KAVIN M (731220104012)**, Third year, **BACHELOR OF ENGINEERING in COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship training** in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

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Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia

NPTEL

Date : 04.07.2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. CHARLES WILLIAM L (731220104004)**, Third year, **BACHELOR OF ENGINEERING In COMPUTER SCIENCE ENGINEERING**, student of **J. K. K MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N.PALAYAM**, has attended **Internship training** in our organization from **June 30th 2023 to July 04th 2023**.

During this **Internship training**, He has learned the overview concepts of **DATA SCIENCE WITH PYTHON**.

Thanking You.



PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

144, Sengupta Street, Ram Nagar,
Coimbatore-641009

Cell :+91-95972 71533 W:www.appinCoimbatore.com
+91-77080 40308 E :mohan@coimbatore.com



#startupindia



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506.

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104001	ABINAYA .G	BRAINERY SPOT TECH	COIMBATORE	11.07.2023 to 15.07.2023

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship

1 message

WED 5 July 2023 at 1.30pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: WED 5 July 2023 at 1.30pm

Subject: Internship-reg

To: BRAINERY SPOT TECH <hrbraineryspottech@gmail.com>

Dear Sir,

I am requesting to be joining your **BRAINERY SPOT TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **ABINAYA.G**

Sincerely,

3 rd Year CSE Student,

J K K Munirajah College of Technology,

T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
J K K MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship

1 message

FRI 07 July 2023 at 3.30pm

From: BRAINERY SPOT TECH <hrbraineryspottech@gmail.com>

Date: FRI 07 July 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA sasirekapcse@jkkmct.edu.in

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 11.07.2023 to 15.07.2023

and to tell you how to be joining my **BRAINERY SPOT TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 8, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following student: **ABINAYA.G**

Sincerely,

HR Manager,
BRAINERY SPOT TECH,
COIMBATORE.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Date: 15/07/2023

INTERNSHIP CERTIFICATE

This is to inform that **Mrs. ABINAYA G**, 3rd year B.E., Computer Science and Engineering Student of **J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY (ANNA UNIVERSITY)**, T.N. PALAYAM, has attended Internship in our organization from July 11th 2023 to July 15th 2023.

During this Internship, she has learned the overview concept of **WEB DEVELOPMENT WITH PYTHON PROGRAMMING.**

Thanking You.

BRAINERY SPOT TECHNOLOGY

Authorized Signatory

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).





J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

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T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104031	VINOTHKUMAR.R	BRAINERY SPOT TECH	COIMBATORE	13.07.2023 to 18.07.2023


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

FRI 7 July 2023 at 2.32pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: FRI 7 July 2023 at 2.32pm

Subject: **Internship-reg**

To: BRAINERY SPOT TECH <hrbraineryspottech@gmail.com>

Dear Sir,

I am requesting to be joining your **BRAINERY SPOT TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following student: VINOTHKUMAR.R

Sincerely,

3 rd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

MON 10 July 2023 at 3.30pm

From: BRAINERY SPOT TECH <hrbraineryspottech@gmail.com>

Date: MON 10 July 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA sasirekapcse@jkkmct.edu.in

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 13.07.2023 to 18.07.2023 and to tell you how to be joining my BRAINERY SPOT TECH. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 9:00 a.m. on JULY 11, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following student: VINOTHKUMAR.R

Sincerely,

HR Manager,
BRAINERY SPOT TECH,
COIMBATORE.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



**BRAINERY SPOT
TECHNOLOGY**
LEARNING | DEVELOPMENT | PLACEMENT

Date: 18/07/2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. VINOTHKUMAR R**, 3rd year B.E., Computer Science and Engineering Student of **J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY (ANNA UNIVERSITY), T.N. PALAYAM**, has attended **Internship** in our organization from **July 13th 2023 to July 18th 2023**.

During this **Internship**, he has learned the overview concept of **WEB DEVELOPMENT WITH PYTHON PROGRAMMING**.

Thanking You.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

BRAINERY SPOT TECHNOLOGY

Authorized Signatory



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

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Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SL. NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104010	KARUNYAA.M	DURGA TECH	ERODE	20.7.2023 to 25.7.2023
2	731220104021	RAMYA.S			
3	731220104023	ROSHMA.I			

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



Internship

1 message

FRI 14 JuL 2023 at 11.00am

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: FRI 14 JuL 2023 at 11.00am

Subject: **Internship-reg**

To: DURGA TECH <hrdurgatech@gmail.com>

Dear Sir,

I am requesting to be joining your **DURGA TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **KARUNYAA.M, RAMYA.S, ROSHMA.I**

Sincerely,

3 rd Year CSE Students,

J K K Munirajah College of Technology,

T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



Internship
1 message

MON 17 Jul 2023 at 2.30pm

From: DURGA TECH <hrdurgatech@gmail.com>

Date: MON 17 Jul 2023 at 2.30pm

Subject: Internship-reg

To: SASIREKA sasirekapcse@jkkmct.edu.in

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 20-7-2023 TO 25.7.2023 and to tell you how to be joining my DURGA TECH. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 18, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: KARUNYAA.M, RAMYA.S, ROSHMA.I

Sincerely,

HR Manager,
DURGA TECH,
ERODE


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

Since 2009



Date: 25-7-2023

This is to certify that M. KARUNYAA Reg.No: 731210104010 in BE-[CSE] 1st
year student of J.K.K. MUNTRATAH COLLEGE OF TECHNOLOGY, T.N. PALAYAM has completed the
Internship In-plant Training under the WEB DEVELOPMENT in Durga Tech from 20-7-23 to 25-7-23

During this Internship/In-plant Training M. KARUNYAA found to be highly sincere, committed, hard
working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar
capacity and her/his conduct was found to be good during her/his period of Internship/In-plant Training.

We wish M. KARUNYAA success in her/his future endeavors in her/his career.

www.durgatech.org
info.durgatech@gmail.com

Thanking You

Regards

For Durga Tech

78D, Sri Murugan Complex,
Nachiappa 1st Street,
Near Bus Stand, Erode - 638001
Ph : 73737 16107

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PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

Since 2009



Date: 25-07-2023

This is to certify that T. ROSHMA Reg.No: 731220104023 in BE - [CSE] IIIrd
year student of JKK MUNIRAJAH COLLEGE OF TECHNOLOGY, TN-PALAYAM has completed the
Internship In-plant Training under the WEB DEVELOPMENT in Durga Tech from 20-7-23 to 15-7-23

During this Internship In-plant Training T. ROSHMA found to be highly sincere, committed, hard working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar capacity and her/his conduct was found to be good during her/his period of Internship In-plant Training.

We wish T. ROSHMA success in her/his future endeavors in her/his career.

Regards



78D, Sri Murgan Complex,
Nachappa 1st Street,
Near Bus Stand, Erode - 638001
Ph: 73737 16107

www.durgatech.org
info.durgatech@gmail.com

Thanking You

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PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

Since 2009



Date: 25-07-2023

This is to certify that S. RAMYA Reg.No: 731220104021 in BE - [CSE] ^{IIIrd} year student of J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N. PALAYAM has completed the Internship/In-plant Training under the WEB DEVELOPMENT in Durga Tech from 20-7-23 to 25-7-23

During this Internship/In-plant Training S. RAMYA found to be highly sincere, committed, hard working, progressive and professional towards her/his work and is capable of discharging her/his duties in a similar capacity and her/his conduct was found to be good during her/his period of Internship/In-plant Training.

We wish S. RAMYA success in her/his future endeavors in her/his career.

www.durgatech.org
info.durgatech@gmail.com

Thanking You

Regards

78D, Sri Murugan Complex,
Nachlappa 1st Street,
Near Bus Stand, Erode - 638001
Ph : 73737 16107

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SI. NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104025	SUNDARAGANESAN.K	ETHER INFO TECH	COIMBATORE	6-7-2023
2	731220104301	BOOPALAN.M			to 12-7-2023

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

FRI 30 JUN 2023 at 11.00am

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: FRI 30 JUN 2023 at 11.00am

Subject: **Internship-reg**

To: ETHERINFOTECH <hretherinfotech@gmail.com>

Dear Sir,

I am requesting to be joining your **ETHER INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **SUNDARAGANAESAN.K, BOOPALAN.M**

Sincerely,

3 rd Year CSE Students,
J K KMunirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

MON 3Jul 2023 at 2.30pm

From: ETHERINFOTECH<hretherinfotech@gmail.com>

Date :MON 3Jul 2023 at 2.30pm

Subject: Internship-reg

To: SASIREKA sasirekapcse@jkkmct.edu.in

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 6-7-2023 TO 12.7.2023 and to tell you how to be joining my **ETHER INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 5, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: SUNDARAGANAESAN.K, BOOPALAN.M

Sincerely,

HR Manager,
ETHER INFO TECH,
COIMBATORE.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Date: 12/07/2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. SUNDARA GANESAN .K, BE, COMPUTER SCIENCE**, student of **JKKM COLLEGE OF TECHNOLOGY, ERODE**, has attended **Internship** training in our organization from **July 06th 2023 to July 12th 2023**.

During this **Internship** training, he has learned the overview concepts of **DIGITAL MARKETING**.

Thanking You.

For Ether Infotech

Authorised Signatory

35/4, 2nd Floor, Arputham Towers, Desabandhu Street, Ram Nagar, Colmbatore - 641009

W: www.etherinfotech.com | E: prasanth@etherinfotech.com

T: 0422 - 3511420 | M: 95002 95905 • 82205 71905



A handwritten signature in green ink, appearing to be 'Sundara Ganesan'.

PRINCIPAL
JKK MUMIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Date: 12/07/2023

INTERNSHIP CERTIFICATE

This is to inform that **Mr. BOOPALAN .M, BE, COMPUTER SCIENCE,** student of **JKKM COLLEGE OF TECHNOLOGY, ERODE,** has attended **Internship training** in our organization from **July 06th 2023 to July 12th 2023.**

During this **Internship training,** he has learned the overview concepts of **MACHINE LEARNING.**

Thanking You.

For Ether Infotech

Authorised Signatory

35/4, 2nd Floor, Arputham Towers, Desabandhu Street, Ram Nagar, Coimbatore - 641009

W: www.etherinfotech.com | E: prasanth@etherinfotech.com

T: 0422 - 3511420 | M: 95002 95905 • 82205 71905



A handwritten signature in green ink, appearing to read 'Principa'.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt),



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI. NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104007	DHARANISELVI.M	LITZ TECH	COIMBATORE	3.7.2023 to 7.7.2023

PRINCIPAL
J.K.K. MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

TUE 27 Jun 2023 at 3.00pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: TUE 27 Jun 2023 at 3.00pm

Subject: **Internship-reg**

To: LITZ TECH <coimbatore@litztech.in >

Dear Sir,


I am requesting to be joining your **LITZ TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **DHARANISELVIM**

Sincerely,

3 rd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
J K K MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

FRI 30 Jun 2023 at 3.30pm

From: LITZ TECH<coimbatore@litztech.in >

Date: FRI 30 Jun 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA<sasirekapcse@jkkmct.edu.in>

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 03.07.2023 to 07.07.2023 and to tell you how to be joining my **LITZ TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 1, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **DHARANISELVI.M**

Sincerely,

HR Manager,
Litz Tech,
Coimbatore.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Certificate of Training and Instruction

This is to certify that **DHARANI SELVI M (731220104007)** a
Student Of "**J.K.K.MUNIRAJAH COLLEGE OF TECHNOLOGY**"
has successfully completed her
INTERNSHIP PROGRAM in ANDROID APP DEVELOPMENT
at our Concern from **03.07.2023 to 07.07.2023**




Authorized Signatory

STUDENT ID: LITZH22896

CERTIFICATE ID: LITZH22897

No 4, Arangasamy Nagar, Sitra, Civil Aerodrome(po), Coimbatore - 641014

www.litztech.in coimbatore@litztech.in Tel : 0422 4382930


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731220104024	SIVALINGAM.K	SAMCORE	TRICHY	10-7-2023
2	731220104302	DHAMODARAN.G	SOLUTION		to 14-7-2023

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship

1 message

TUE 04Jul 2023 at 1.30pm

From: SASIREKA <sasirekapcse@jkkmct.edu.in>

Date: TUE 04Jul 2023 at 1.30pm

Subject: **Internship-reg**

To: SAMCORESOLUTION <samcore20@gmail.com>

Dear Sir,

I am requesting to be joining your **SAMCORE SOLUTION**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **SIVALINGAM.K, DHAMODARAN.G**

Sincerely,

3 rd Year CSE Students,

J K KMunirajah College of Technology,

T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship

1message

FRI 7 JUL 2023 at 3.30pm

From: SAMCORESOLUTION<samcore20@gmail.com>

Date: FRI 7 JUL 2023 at 3.30pm

Subject: Internship-reg

To: SASIREKA<sasirekapcse@jkkmct.edu.in>

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 10.07.2023 to 14.07.2023 and to tell you how to be joining my SAMCORE SOLUTION. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 8, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students:

Sincerely,

HR Manager,

SAMCORE SOLUTIONS,

Trichy..


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Pc)-638 506,
GOBI (TK), ERODE (Dt).



**SAMCORE
SOLUTION**

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. / Ms. /

SIVALINIAM K (731220104024)

Student of BE-CSE, JKK MUNIRAJAH COLLEGE OF TECHNOLOGY

has completed the Internship Program on IMAGE PROCESSING

for the period from 10.07.2023 to 14.07.2023

CERT. NO.: 2023/07674

#16, 2nd Floor, Rangaa Complex
Chatram Bus Stand, Trichy - 620002
9843207599. www.samcoresolution.in



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JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

C. Anand
HEAD



**SAMCORE
SOLUTION**

**CERTIFICATE
OF INTERNSHIP**

This is to certify that Mr. / Ms. /

DHAMODARAN G (731220104302)

Student of BE-CSE, JKK MUNIRAJAH COLLEGE OF TECHNOLOGY

has completed the Internship Program on IMAGE PROCESSING

for the period from 10.07.2023 to 14.07.2023.

CERT. NO: 2023/07673

#16, 2nd Floor, Rangaa Complex
Chatram Bus Stand, Trichy - 620002
9843207599. www.samcoresolution.in



C.A. Jeyi
HEAD

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Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104022	MADHAN G	ANJANA INFO TECH	RAJAPALAYAM	03.07.2023 to 07.07.2023
2	731221104027	PANDIYARAJ P			
3	731221104029	RAVI KUMAR P			

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GOBI (Tk), ERODE (Dt).



Internship
1 message

MON 26 Jun 2023 at 2.00pm

From: POORNIMADEVI <poornimadevil@jkkmct.edu.in>

Date: MON 26 Jun 2023 at 2.00pm

Subject: **Internship-reg**

To: ANJANA INFO TECH <hr.anjanainfotech@gmail.com>

Dear Sir,

I am requesting to be joining your **ANJANA INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **MADHAN G, PANDIYARAJ P, RAVI KUMAR P**

Sincerely,

2 nd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt),



Internship
1 message

THUR 29 Jun 2023 at 3.30pm

From: ANJANA INFO TECH <hr.anjanainfotech@gmail.com >

Date: THUR 29 Jun 2023 at 3.30pm

Subject: **Internship-reg**

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear MADAM,


I am writing to confirm my acceptance of your **internship offer of 03.07.2023 to 07.07.2023** and to tell you how to be joining my **ANJANA INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 1, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **MADHAN G, PANDIYARAJ P, RAVI KUMAR P**

Sincerely,

HR Manager,
ANJANA INFO TECH,
Erode.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



Anjana Infotech
Your Dream We Display

Date: 07.07.2023

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that the **internship training** entitled **Angular** submitted by **Mr. P. Pandiyaraj (731221104027)** Studying **II year B.E (Computer Science)** at, **J.K.K Munirajah College of Technology** has undergone **internship training** at our **Anjana Infotech Private Limited Rajapalayam**, as a collaborative activity from **03.07.2023 to 07.07.2023**. He has successfully Completed his **Internship** under my Guidance and is worthy of consideration for the same.

Thanking you.

M.S. Saravanan

M SAKTHI SARAVANAN
Proprietor



✉ info@anjanainfotech.in

📍 359 B8/5, Ilathupillamar Complex, Near Gandhi Statue, Rajapalayam - 626 117.

🌐 anjanainfotech.in

☎ +91 97879 70633 | +91 9787 248063



[Signature]
PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).**



Anjana Infotech
Your Dream We Display

Date: 07.07.2023

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that the **internship training** entitled **Angular** submitted by **Mr. P. Ravikumar (731221104029)** Studying **II year B.E (Computer Science)** at **J.K.K Munirajah College of Technology** has undergone **internship training** at our **Anjana Infotech Private Limited Rajapalayam**, as a collaborative activity from **03.07.2023** to **07.07.2023**. He has **successfully Completed his Internship** under my **Guidance** and is worthy of **consideration for the same**.

Thanking you.

M SAKTHI SARAVANAN
Proprietor




Info@anjanainfotech.in

anjanainfotech.in

359 B8/5, Ilathupillamar Complex, Near Gandhi Statue,
Rajapalayam - 626 117.

+91 97879 70633 | +91 9787 248003




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T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Anjana Infotech
Your Dream We Display

Date: 07.07.2023

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that the internship training entitled Angular submitted by Mr. G. Madhan (731221104022) Studying II year B.E (Computer Science) at, J.K.K Munirajah College of Technology has undergone internship training at our Anjana Infotech Private Limited Rajapalayam, as a collaborative activity from 03.07.2023 to 07.07.2023. He has successfully Completed his Internship under my Guidance and is worthy of consideration for the same.

Thanking you.

M SAKTHI SARAVANAN
Proprietor



Info@anjanainfotech.in

anjanainfotech.in

359 B8/5, Ilathupillamar Complex, Near Gandhi Statue,
Rajapalayam - 626 117.

+91 97879 70633 | +91 9787 248062



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GOBI (TK) TIRUPUR



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Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SL.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104004	ARULMURUGAN S	CODE BIND TECHNOLOGY	CHENNAI	27.06.2023 to 03.07.2023
2	731221104033	SHYAMKUMAR S			
3	731221104038	VASANTHKUMAR S			
4	731221104302	BHARANI DHARAN.M			

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GOBI (Tk), ERODE (Dt).



Internship

1 message

MON 19 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 19 Jun 2023 at 2.00pm

Subject: Internship -reg

To: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Dear Sir,


I am requesting to be joining your **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **(ARULMURUGAN S, SHYAMKUMAR S, VASANTHKUMAR S, BHARANI DHARAN.M)**

Sincerely,

2 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

THU 22 July 2023 at 3.30pm

From: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Date: THU 22 July 2023 at 3.30pm

Subject: **Internship-reg**

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear Sir,


I am writing to confirm my acceptance of your **internship offer of 27.06.2023 to 03.07.2023** and to tell you how to be joining my **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JUN 24, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **(ARULMURUGAN S, SHYAMKUMAR S, VASANTHKUMAR S, BHARANI DHARAN.M)**

Sincerely,

HR Manager,
CODE BIND TECHNOLOGIES,
CHENNAI.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

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Opposite to The Chennai Silks
+91 9789 617 617, 9789 617 717
www.codebindtechnologies.com
info@codebindtechnologies.com

INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE272005230613

This certificate is awarded to SHYAM KUMAR.S,

who has undergone Inplant Training in INTERNET OF THINGS (IoT),

from 27.06.2023 to 03.07.2023 at CodeBind Technologies,

Chennai. During the course of training period, the conduct of the

trainee was found to be GOOD.



Training Facilitator



Issuing Authority

Head Office : T.Nagar, Chennai. Branch Office : Coimbatore. Trichy. +91 9789 617 617

OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

✉ info@codebindtechnologies.com

☎ +91 9789 617 617

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE272005230613


This certificate is awarded to Mr/Ms. **SHYAM KUMAR.S**, for the successful completion of **Internship in Internet of Things (IoT)** at **CodeBind Technologies, Chennai** from **27th June 2023** to **03rd July 2023**.

During the course of the internship **Mr/Ms. SHYAM KUMAR.S**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority

PRINCIPAL

JKK MUNIRAJAH COLLEGE

OF TECHNOLOGY

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Chennai-17.

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CERTIFICATE NUMBER

CBTAE272005230613



CERTIFICATE OF PARTICIPATION

This certificate is awarded to SHYAM KUMAR S, has
successfully Completed a "Corporate Training Test" based on Placement
Aptitude Questions held on 01-07-2023 at Code Bind Technologies, Chennai.
On receiving this Certificate, the candidate will be allowed to access the Online
Placement training portal to enhance their aptitude skills. The portal can be
accessed by login in to the website www.onlineplacementtraining.com.

🏠 107, Usman Road, T.Nagar, Chennai-17.
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🌐 www.codebindtechnologies.com



[Signature]
Issuing Authority
info@codebindtechnologies.com



Head Office: Chennai. Branch: Coimbatore. Trichy.

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CERTIFICATE NUMBER



CBTAE272005230612

CERTIFICATE OF PARTICIPATION

This certificate is awarded to ARULMURUGAN S, has
successfully Completed a "Corporate Training Test" based on Placement
Aptitude Questions held on 01-07-2023 at Code Bind Technologies, Chennai.
On receiving this Certificate, the candidate will be allowed to access the Online
Placement training portal to enhance their aptitude skills. The portal can be
accessed by login in to the website www.onlineplacementtraining.com.

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🌐 www.codebindtechnologies.com



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Head Office: Chennai. Branch: Coimbatore. Trichy.

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER CBTINE272005230612

This certificate is awarded to Mr/Ms. **ARULMURUGAN.S**, for the successful completion of **Internship in Internet of Things (IoT)** at **CodeBind Technologies, Chennai** from **27th June 2023 to 03rd July 2023**.

During the course of the **internship** Mr/Ms. **ARULMURUGAN.S**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




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CERTIFICATE NUMBER:

CBTAE272005230614



CERTIFICATE OF PARTICIPATION

This certificate is awarded to BHARANI DHARAN M, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 01-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE272005230614

This certificate is awarded to BHARANI DHARAN.M,

who has undergone Inplant Training in INTERNET OF THINGS (IOT),

from 27.06.2023 to 03.07.2023 at CodeBind Technologies,

Chennai. During the course of training period, the conduct of the

trainee was found to be GOOD.




Training Facilitator




Issuing Authority

Head Office : T.Nagar, Chennai. Branch Office : Coimbatore. Trichy. +91 9789 617 617

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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE272005230615

This certificate is awarded to VASANTH KUMAR S,

who has undergone Inplant Training in INTERNET OF THINGS (IoT),

from 27.06.2023 to 03.07.2023 at CodeBind Technologies,


Chennai. During the course of training period, the conduct of the

trainee was found to be GOOD.




Training Facilitator




Issuing Authority

Head Office : T.Nagar, Chennai. Branch Office : Coimbatore. Trichy.

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ERODE (DI)

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CERTIFICATE NUMBER



CBTAE272005230615

CERTIFICATE OF PARTICIPATION

This certificate is awarded to VASANTH KUMAR S, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 01-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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info@codebindtechnologies.com

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T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



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CERTIFICATE NUMBER :

WORKSHOP PARTICIPATION CERTIFICATE

CBTNE272005230615

This certificate is awarded to VASANTH KUMAR-S, for his/her active and invaluable contribution to the One Day Workshop on ANDROID held on 01-07-2023 at Code Bind Technologies, Chennai. During the Workshop period the performance of the trainee was found to be GOOD.

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[Signature]
Training Facilitator



[Signature]
Issuing Authority

Head Office: T.Nagar, Chennai.

Branch Office : Coimbatore. Trichy.

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mms



CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE272005230615


This certificate is awarded to Mr/Ms. **VASANTH KUMAR.S**, for the successful completion of **Internship in Internet of Things (IoT)** at **CodeBind Technologies, Chennai** from **27th June 2023** to **03rd July 2023**.

During the course of the **internship** **Mr/Ms. VASANTH KUMAR.S**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority

PRINCIPAL
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T.N.

🏠 107, Usman Road, T.Nagar,
Chennai-17.

🌐 www.codebindtechnologies.com

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CERTIFICATE OF PROJECT COMPLETION


CERTIFICATE NUMBER CBTINE272005230615

This certificate is awarded to **Mr/Ms. VASANTH KUMAR.S**, on the successful completion of the project titled **"IoT based water level Indicator using Ultrasonic sensor"** at **CodeBind Technologies, Chennai**, from **27th June 2023 to 03rd July 2023**.

We found the candidate to be highly self-motivated, duty bound and hard working. The performance was above satisfactory and we wish them all the best in their future career.


Training Co-Ordinator




Issuing Authority



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GOBI (Tk), ERODE (Dt).



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info@codebindtechnologies.com

INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER **CBT1PE272005230612**

This certificate is awarded to ARULMURUGAN S,
who has undergone Inplant Training in INTERNET OF THINGS (IOT),
from 27.06.2023 to 03.07.2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be GOOD.




Training Facilitator




Issuing Authority

Head Office: T.Nagar, Chennai. Branch Office: Coimbatore. Trichy.

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Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SI.N O	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104009	DHAKSHINA MOORTHIE	CODE BIND TECHNOLOGY	CHENNAI	05.07.2023 to 11.07.2023
2	731221104013	GUNASEKARAN P			
3	731221104014	GUNASEKARAN S			
4	731221104034	SENTHILVEL S			

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T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).



Internship

1 message

WED 31 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: WED 31 Jun 2023 at 2.00pm

Subject: **Internship** -reg

To: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Dear Sir,


I am requesting to be joining your **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **(E.DHAKSHINA MOORTHY, P.GUNASEKARAN, S.GUNASEKARAN, S.SENTHILVEL)**

Sincerely,

2 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship

1 message

FRI 2 July 2023 at 3.30pm

From: CODEBINDTECHNOLOGIES<info@codebindtechnologies.in>

Date: FRI 2 July 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI<poomimadevil@jkkmcet.edu.in>

Dear Sir,


I am writing to confirm my acceptance of your internship offer of 05.07.2023 to 11.07.2023 and to tell you how to be joining my **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 03, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **(E.DHAKSHINA MOORTHY, P.GUNASEKARAN, S.GUNASEKARAN, and S.SENTHILVEL)**

Sincerely,

HR Manager,
CODE BIND TECHNOLOGIES,
CHENNAI.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).

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🌐 www.codebindtechnologies.com
✉ info@codebindtechnologies.com

INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE052005230701

This certificate is awarded to DHAKSHINA MOORTHY - E,
who has undergone Inplant Training in EMBEDDED SYSTEMS,
from 05-07-2023 to 09-07-2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be Good.





Training Facilitator




Issuing Authority

🏠 Head Office : T.Nagar, Chennai. 📞 Branch Office : 📍 Coimbatore. 📍 Trichy.

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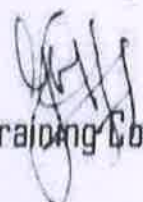
CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE052005230701

This certificate is awarded to Mr./Ms. **DHAKSHINA MOORTHIE**, for the successful completion of **Internship in Embedded Systems** at **CodeBind Technologies, Chennai** from **05th July 2023** to **11th July 2023**.

During the course of the internship Mr./Ms. **DHAKSHINA MOORTHIE**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority

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(4)).

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CERTIFICATE NUMBER :



CBTAE052005230701

CERTIFICATE OF PARTICIPATION

This certificate is awarded to SHAKSHINA MOORTHY E, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 06-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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CERTIFICATE NUMBER



CBTRE052005230104

CERTIFICATE OF PARTICIPATION

This certificate is awarded to SENTHIL VEL . S, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 06.07.2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINED52005230704

This certificate is awarded to Mr/Ms. **SENTHILL VEL S**, for the successful completion of **Internship in Embedded Systems at CodeBind Technologies, Chennai** from **05th July 2023 to 11th July 2023**.

During the course of the internship Mr/Ms. **SENTHILL VEL S**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority



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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE052005230704

This certificate is awarded to SENTHIL VEL S,

who has undergone Inplant Training in EMBEDDED SYSTEMS,

from 05-07-2023 to 09-07-2023 at CodeBind Technologies,

Chennai. During the course of training period, the conduct of the

trainee was found to be Good.



Training Facilitator



Issuing Authority

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Branch Office : Coimbatore. Trichy.

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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

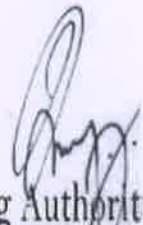
CBTIP052005230703

This certificate is awarded to GUNASEKARAN S,
who has undergone Inplant Training in EMBEDDED SYSTEMS,
from 05-07-2023 to 09-07-2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be GOOD.




Training Facilitator





Issuing Authority

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINED52005230701


This certificate is awarded to Mr/Ms. **GUNASEKARAN S**, for the successful completion of **Internship in Embedded Systems at CodeBind Technologies, Chennai** from **05th July 2023 to 11th July 2023**.

During the course of the internship Mr/Ms. **GUNASEKARAN S**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




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CERTIFICATE NUMBER :

CBTRED050005230702



CERTIFICATE OF PARTICIPATION

This certificate is awarded to GUNASEKARAN P, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 06-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

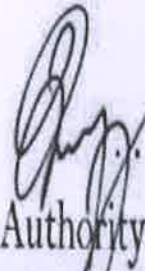
CBTIPE052005230702

This certificate is awarded to GUNASEKARAN P,
who has undergone Inplant Training in EMBEDDED SYSTEMS,
from 05-07-2023 to 09-07-2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be GOOD.




Training Facilitator




Issuing Authority

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mms



CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE052005230702

This certificate is awarded to Mr/Ms. **GUNASEKARAN P**, for the successful completion of **Internship in Embedded Systems at CodeBind Technologies, Chennai** from **05th July 2023 to 11th July 2023**.

During the course of the **internship** Mr/Ms. **GUNASEKARAN P**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




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CERTIFICATE NUMBER :

CBTAE05Q005Q30703

CERTIFICATE OF PARTICIPATION

This certificate is awarded to GUNASEKARAN S, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 06-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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Accredited by NAAC with "A" grade



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INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104005	BABUSHANKAR S	CODE BIND TECHNOLOGY	CHENNAI	19.07.2023
2	731221104008	CHANDRA PRAKASH K			to 25.07.2023

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Internship1 message

MON 10 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 10 Jun 2023 at 2.00pm

Subject: Internship -reg

To: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Dear Sir,

I am requesting to be joining your **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **(BABUSHANKAR S, CHANDRA PRAKASH K)**

Sincerely,

2 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship

1 message

THU 13 July 2023 at 3.30pm

From: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Date: THU 13 July 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear Madam,


I am writing to confirm my acceptance of your internship offer of 19.07.2023 to 25.07.2023 and to tell you how to be joining my **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 15, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **(BABUSHANKAR S, CHANDRA PRAKASH K)**

Sincerely,

HR Manager,
CODE BIND TECHNOLOGIES,
CHENNAI.


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info@codebindtechnologies.com

INPLANT TRAINING CERTIFICATE


CERTIFICATE NUMBER **CBTIPE192005230701**

This certificate is awarded to K. CHANDRA PRAKASH,
who has undergone Inplant Training in INTERNET OF THINGS (IOT),
from 19.07.2023 to 25.07.2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be GOOD.





Training Facilitator




Issuing Authority

Head Office : TNagar, Chennai. Branch Office : Coimbatore. Trichy.

+91 9789 617 617


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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE192005230701


This certificate is awarded to Mr/Ms. **K.CHANDRA PRAKASH**, for the successful completion of **Internship in Internet of Things (IoT)** at **CodeBind Technologies, Chennai** from **19th July 2023 to 25th July 2023**.

During the course of the **internship** Mr/Ms. **K.CHANDRA PRAKASH**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority



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CERTIFICATE NUMBER:

WORKSHOP PARTICIPATION CERTIFICATE

CBTWE192005230702

This certificate is awarded to S. BABUSHANKAR, for his/her active and invaluable contribution to the One Day Workshop on ANDROID held on 20.07.2023 at CodeBind Technologies, Chennai. During the Workshop period the performance of the trainee was found to be GOOD.

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Branch Office : Coimbatore. Trichy.

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CERTIFICATE OF PROJECT COMPLETION


CERTIFICATE NUMBER | CBTINE192005230702

This certificate is awarded to Mr/Ms. **S.BABUSHANKAR**, on the successful completion of the project titled **"Home automation system using Arduino IDE"** at CodeBind Technologies, Chennai, from **19th July 2023 to 25th July 2023.**


We found the candidate to be highly self-motivated, duty bound and hard working. The performance was above satisfactory and we wish them all the best in their future career.


Training Co-Ordinator




Issuing Authority




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INPLANT TRAINING CERTIFICATE

CERTIFICATE NUMBER

CBTIPE192005230702

This certificate is awarded to S. BABUSHANKAR,

who has undergone Inplant Training in INTERNET OF THINGS (IOT),

from 19.07.2023 to 25.07.2023 at CodeBind Technologies,

Chennai. During the course of training period, the conduct of the

trainee was found to be GOOD.




Training Facilitator




Issuing Authority

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Branch Office : Coimbatore. Trichy.

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINE192005230702

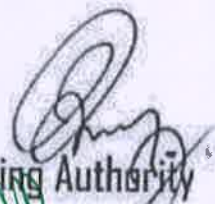
This certificate is awarded to Mr/Ms. **S.BABUSHANKAR**, for the successful completion of **Internship in Internet of Things (IoT)** at **CodeBind Technologies, Chennai** from **19th July 2023 to 25th July 2023**.

During the course of the **internship** Mr/Ms. **S.BABUSHANKAR**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority

PRINCIPAL
SRK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. ROAD, CHENNAI-506.

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CERTIFICATE NUMBER :

CBTAE192005230701



CERTIFICATE OF PARTICIPATION

This certificate is awarded to K. CHANDRA PRAKASH, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 20-07-2023 at Code Bind Technologies, Chennai. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

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INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104301	AMUTHAMALAR R	CODE BIND TECHNOLOGY	CHENNAI	09.07.2023 to 15.07.2023


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T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).



Internship
message

MON 3 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 3 Jun 2023 at 2.00pm

Subject: Internship -reg

To: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Dear Sir,


I am requesting to be joining your **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the student name is **AMUTHAMALAR.R**

Sincerely,

2 nd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


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OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship

1 message

THUR 6 Jun 2023 at 3.30pm

From: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Date: THUR 6 Jun 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 09.07.2023 to 15.07.2023 and to tell you how to be joining my **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 07, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the student name is **AMUTHAMALAR.R**

Sincerely,

HR Manager,
CODE BIND TECHNOLOGIES,
CHENNAI.

PRINCIPAL
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OF TECHNOLOGY
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CERTIFICATE OF PROJECT COMPLETION

CERTIFICATE NUMBER CBTINC122005230701

This certificate is awarded to Mr/Ms. **R.AMUTHA MALAR**, on the successful completion of the project titled **"Improve leads using Digital Marketing techniques for Grocery products website"** at CodeBind Technologies, Chennai, from **12th July 2023 to 18th July 2023.**

We found the candidate to be highly self-motivated, duty bound and hard working. The performance was above satisfactory and we wish them all the best in their future career.

Training Co-Ordinator



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+91 9789 617 617, 9789 617 717

www.codebindtechnologies.com

info@codebindtechnologies.com

INPLANT TRAINING CERTIFICATE


CERTIFICATE NUMBER **CBTIPC122005230701**

This certificate is awarded to R. AMUTHA MALAR,
who has undergone Inplant Training in DIGITAL MARKETING,
from 12.07.2023 to 16.07.2023 at CodeBind Technologies,
Chennai. During the course of training period, the conduct of the
trainee was found to be Good.




Training Facilitator




Issuing Authority

Head Office : T.Nagar, Chennai.

Branch Office : Coimbatore. Trichy.

+91 9789 617 617

PRINCIPAL
JKK MIAW RIAWHI COLLEGE
OF TECHNOLOGY
TTCN, PALAYAM (Po) - 638 506.
GOBI (TK) ERODE (DA)

✉ info@codebindtechnologies.com

☎ +91 9789 617 617

<codebind/>TM
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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINC122005230701

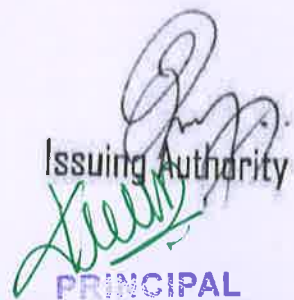
This certificate is awarded to **Mr/Ms. RAMUTHA MALAR**, for the successful completion of **Internship in Digital Marketing at CodeBind Technologies, Chennai** from **12th July 2023 to 18th July 2023**.

During the course of the internship **Mr/Ms. RAMUTHA MALAR**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.


Training Co-Ordinator




Issuing Authority

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. RAJAGOPALAN ROAD, CHENNAI-600 056.

🏠 107, Usman Road, T.Nagar,
Chennai-17.

📍 Landmark : Opposite to The Chennai Silks ☎ 9789 617 617

🌐 www.codebindtechnologies.com



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY



Approved by AICTE, New Delhi And Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104037	SUSHMINA M	CODE BIND TECHNOLOGY	COIMBATORE	04.07.2023 to 13.07.2023
2	731221104306	SNEHA L			
3	731221104308	SUBASHINI P			


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



Internship

1 message

MON 26 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 26 Jun 2023 at 2.00pm

Subject: **Internship -reg**

To: CODEBINDTECHNOLOGIES <info@codebindtechnologies.in>

Dear Sir,

I am requesting to be joining your **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **(SUSHMINA M, SNEHA L, SUBASHINI)**

Sincerely,

2 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

THU 29 Jun 2023 at 3.30pm

From: CODEBINDTECHNOLOGIES<info@codebindtechnologies.in>

Date: THU 29 Jun 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI<poomimadevil@jkkmct.edu.in>

Dear Sir,

I am writing to confirm my acceptance of your internship offer of 04.07.2023 to 13.07.2023 and to tell you how to be joining my **CODE BIND TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JUN 30, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **(SUSHMINA M, SNEHA L, SUBASHINI)**

Sincerely,

HR Manager,
CODE BIND TECHNOLOGIES,
COIMBATORE.


PRINCIPAL
JKK MUMIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

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106, 100 feet Road, Gandhipuram, Coimbatore.
Near Kalyan Jewellers.
+91 975 11 11 343, 975 11 11 346
www.codebindtechnologies.com
info@codebindtechnologies.com

CERTIFICATE OF COMPLETION

CERTIFICATE NUMBER **CBTIPDM031103230130**

This certificate is awarded to P. SUBASHINI,
who has undergone **Inplant Training** in DIGITAL MARKETING,
from 04.07.2023 to 13.07.2023 at CodeBind Technologies,
Coimbatore. During the course of training period, the conduct of
the trainee was found to be Good.



A. Ananth
Training Facilitator

[Signature]
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

[Signature]
Issuing Authority

Head Office: T.Nagar, Chennai.

Branch Office: Coimbatore. Trichy.

044 - 4330 4239

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CERTIFICATE NUMBER:

CBTADMO31103230720



CERTIFICATE OF PARTICIPATION

This certificate is awarded to P. SUBASHINI, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 08.07.2023 at CodeBind Technologies, Coimbatore. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

406, 6th Street Ext, 100 feet Road, Gandhipuram, Coimbatore.

Near Kalyan Jewellers.

0422-4357 564

+91 975 11 11 343

www.codebindtechnologies.com



G. N. Palayam
Issuing Authority *[Signature]*

Head Office: Chennai Branch: Coimbatore Trichy

info@codebindtechnologies.com

PRINCIPAL
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

✉ info@codebindtechnologies.com

☎ +91 975 11 11 343

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CERTIFICATE OF PROJECT COMPLETION

CERTIFICATE NUMBER CBTINDM031103230730

This certificate is awarded to Mr/Ms. **P.SUBASHINI**, on the successful completion of the project titled "**SEO study for Software Training Institutes**" at CodeBind Technologies, Coimbatore, from **04th July 2023 to 13th July 2023**.

We found the candidate to be highly self-motivated, duty bound and hard working. The performance was above satisfactory and we wish them all the best in their future career.

CODEBIND TECHNOLOGIES

40C, 1st Street,
Cross Cut Road, Gandhipuram,
Coimbatore - 12

A. Smith
Training Co-Ordinator

Gr. Kishor

Issuing Authority



[Signature]

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506
GOBI (Tk), ERODE (Dt).

601C, 1st Street,

Cross Cut Road, Gandhipuram, Coimbatore-12

Landmark : Near Gandhipuram Bus Stand. ☎ 9751111343

www.codebindtechnologies.com





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CERTIFICATE NUMBER:

CERTIFICATE OF PARTICIPATION

CBTWDM031103230730

This certificate is awarded to P. SUBASHINI, for his/her active

and invaluable contribution to the One Day Workshop on ANDROID

held on 08.07.2023 at CodeBind Technologies, Coimbatore. During the Workshop

period the performance of the trainee was found to be Good.

108, 6th Street Ext. 100 feet Road, Gandhipuram, Coimbatore.

Near Kalyan Jewellers

A. Smith
Training Facilitator

G. R. S.
Issuing Authority

Head Office: T.Nagar, Chennai.

Branch Office: Coimbatore, Trichy.

info@codebindtechnologies.com

www.codebindtechnologies.com

0422-4357 564 +91 975 11 11 343



PRINCIPAL
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OF TECHNOLOGY
T.N. PALAYAM (PO)-638 506,
GOBI (TK), ERODE (DI).

<codeb!nd/>TM {Technologies}

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CERTIFICATE NUMBER:



CBTAC061103230718

CERTIFICATE OF PARTICIPATION

This certificate is awarded to M. SUSHMINA, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 10.07.2023 at CodeBind Technologies, Coimbatore. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

406, 6th Street Ext, 100 feet Road, Gandhipuram, Coimbatore.

Near Kalyan Jewellers.

0422-4357 564 +91-975 11 11 343

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Shy
Issuing Authority

Head Office: Chennai. Branch: Coimbatore. Trichy.

info@codebindtechnologies.com

Shy
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GODUTHI, FRODE (Dt).

✉ info@codebindtechnologies.com

☎ +91 975 11 11 343

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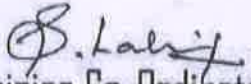


CERTIFICATE OF PROJECT COMPLETION

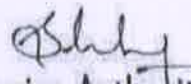
CERTIFICATE NUMBER | CBTINDM061103230718

This certificate is awarded to Mr/Ms. **M.SUSHMINA**, on the successful completion of the project titled "**Digital marketing strategy for Distance Education colleges**" at CodeBind Technologies, Coimbatore, from **06th July 2023** to **10th July 2023**.


We found the candidate to be highly self-motivated, duty bound and hard working. The performance was above satisfactory and we wish them all the best in their future career.


Training Co-Ordinator

CODSEIND TECHNOLOGIES
405, Gobi Street, Coimbatore, TN,
JKK Post, Taluk: Jakkur, Coimbatore,
Coimbatore - 641 311
Cell: +91 97511 11343


Issuing Authority




PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

🏠 601C, 1st Street,

Cross Cut Road, Gandhipuram, Coimbatore-12

📍 Landmark : Near Gandhipuram Bus Stand. ☎ 9751111343

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Near Kalyan Jewellers
+91 975 11 71 341, 975 11 71 346
www.codebindtechnologies.com
info@codebindtechnologies.com

CERTIFICATE OF COMPLETION

CERTIFICATE NUMBER

CBTIPC061103230718

This certificate is awarded to M. SUSHMINA,
who has undergone Inplant Training in DIGITAL MARKETING,
from 06.07.2023 to 10.07.2023 at CodeBind Technologies,
Coimbatore. During the course of training period, the conduct of
the trainee was found to be Good.



S. Lalitha
Training Facilitator

[Signature]
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T. N. P. ROAD, COIMBATORE - 641 006.

[Signature]
Issuing Authority

Head Office: T.Nagar, Chennai.

Branch Office: Coimbatore. Trichy.

044 - 4330 4239



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CERTIFICATE OF PARTICIPATION

CERTIFICATE NUMBER

CBTWC061103230718

This certificate is awarded to M. SUSHMINA, for his/her active

and invaluable contribution to the One Day Workshop on ANDROID

held on 10.07.2023 at CodeBind Technologies, Coimbatore. During the Workshop

period the performance of the trainee was found to be Good.

109, 6th Street Ext, 100 feet Road, Gandhipuram, Coimbatore.

Near Kalyan Jewellers

S. Lalitha
Training Facilitator

Shy
Issuing Authority

Head Office: T.Nagar, Chennai.

Branch Office : Coimbatore. Trichy.

info@codebindtechnologies.com

www.codebindtechnologies.com

0422-4357 564 +91 975 11 11 343



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T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

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CERTIFICATE NUMBER

CBTAD170311031260731

CERTIFICATE OF PARTICIPATION

This certificate is awarded to L. SNEHA, has successfully Completed a "Corporate Training Test" based on Placement Aptitude Questions held on 08.07.2023 at CodeBind Technologies, Coimbatore. On receiving this Certificate, the candidate will be allowed to access the Online Placement training portal to enhance their aptitude skills. The portal can be accessed by login in to the website www.onlineplacementtraining.com.

406, 6th Street Ext, 100 feet Road, Gandhipuram, Coimbatore.

Near Kalyan Jewellers.

0422-4357 564

+91 975 11 11 343

www.codebindtechnologies.com



M. K. S.

Issuing Authority

Head Office: Chennai. Branch: Coimbatore. Trichy.

info@codebindtechnologies.com

[Signature]

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OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



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CERTIFICATE NUMBER :

CERTIFICATE OF PARTICIPATION

CBTWDM031103230731

This certificate is awarded to L.SNEHA, for his/her active

and invaluable contribution to the One Day Workshop on ANDROID

held on 08.07.2023 at CodeBind Technologies, Coimbatore. During the Workshop

period the performance of the trainee was found to be GOOD.

🏠 406, 6th Street Ext, 100 feet Road, Gandhipuram, Coimbatore

📍 Near Kalyan Jewellers

A. Smith
Training Facilitator

G. R. Senthil
Issuing Authority

🏠 Head Office: T.Nagar, Chennai.

📍 Branch Office : 📍 Coimbatore. 📍 Trichy.

✉ info@codebindtechnologies.com

🌐 www.codebindtechnologies.com

☎ 0422-4357 564 📞 +91 975 11 11 343



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OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).**

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400, 100 feet Road, Gandhipuram, Coimbatore
Near Kalyan Jewellers
+91 975 11 11 343, 975 11 11 346
www.codebindtechnologies.com
info@codebindtechnologies.com

CERTIFICATE OF COMPLETION

CERTIFICATE NUMBER

CBTIPDM031103230731

This certificate is awarded to L. SNEHA,
who has undergone Inplant Training in DIGITAL MARKETING,
from 04.07.2023 to 13.07.2023 at CodeBind Technologies,
Coimbatore. During the course of training period, the conduct of
the trainee was found to be Good.



A. Smith
Training Facilitator

G. V. K. S.
Issuing Authority

Head Office: T.Nagar, Chennai. Branch Office: Coimbatore. Trichy. 044-43304239

[Signature]
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638506.
GOBI (Tk), ERODE (Dt).

✉ info@codebindtechnologies.com

📞 +91 975 11 11 343

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CERTIFICATE OF INTERNSHIP

CERTIFICATE NUMBER | CBTINDMD31103230731

This certificate is awarded to **Mr/Ms. L.SNEHA**, for the successful completion of **Internship in Digital Marketing at CodeBind Technologies, Coimbatore** from **04th July 2023 to 13th July 2023**.

During the course of the internship **Mr/Ms. L.SNEHA**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

A. Smith

Training Co-Ordinator

Pr. Yutha

Issuing Authority



Pr. Yutha

PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506
GOVT. ENGINEERING COLLEGE (Dt).



601C, 1st Street,

Cross Cut Road, Gandhipuram, Coimbatore-12



Landmark : Near Gandhipuram Bus Stand. 📞 9751111343



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Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104012	DURGA K	ETS ACADEMY	ERODE	04.07.2023 to 10.07.2023
2	731221104015	HARIPRABHA V			
3	731221104021	LALITHA T			
4	731221104025	MOUSIKA S			
5	731221104026	NANDHINI P			
6	731221104031	RUBIKA G			
7	731221104035	SUGANYA K			
8	731221104040	YAMUNA K			
9	731221104303	GAYATHRI R			
10	731221104305	NANDINI M			
11	731221104017	KAMALESH K			

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

WED 14 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: WED 14 Jun 2023 at 2.00pm

Subject: Internship -reg

To: ETSACADEMY <etsacademyerode@gmail.com>

Dear Sir,


I am requesting to be joining your **ETS ACADEMY**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **(DURGA K, HARIPRABHA V, LALITHA T, MOUSIKA S, NANDHINI P, RUBIKA G, SUGANYA K, YAMUNA K, GAYATHRI R, NANDINI M)**

Sincerely,

3 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638506.
GOBI (Tk), ERODE (Dt).



Internship1 message

FRI 16 Jun 2023 at 3.30pm

From: ETSACADEMY <etsacademyerode@gmail.com>

Date: FRI 16 Jun 2023 at 3.30pm

Subject: **Internship-reg**

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear Madam,


I am writing to confirm my acceptance of your **internship offer of 04.07.2023 to 10.07.2023** and to tell you how to be joining my **ETS ACADEMY**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JUNE 30, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **(DURGA K, HARIPRABHA V, LALITHA T, MOUSIKA S, NANDHINI P, RUBIKA G, SUGANYA K, YAMUNA K, GAYATHRI R, NANDINI M)**

Sincerely,

HR Manager,
ETS ACADEMY,
Erode.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TR), ERODE (Dt).

CERTIFICATE

OF

Appreciation



DATE : **10.07.2023**



THIS IS TO CERTIFY THAT GAYATHRI R (731221104303)
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
ETHICAL HACKING
CONDUCTED BY ETS ACADEMY, ERODE
FROM 04-07-2023 TO 10.07.2023



ETS Academy is registered under the
Ministry of MSME Govt. of India
Reg. No.: TN07E0021273

CERTIFICATE ID : A0037104

Authorized Signature



IT - ITes SSC
NASSCOM



AICTE INTERNSHIP

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

CERTIFICATE

OF

Appreciation

DATE : 10.07.2023



THIS IS TO CERTIFY THAT **YAMUNA K (731221104040)**

II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
EMBEDDED WITH ROBOTICS

CONDUCTED BY ETS ACADEMY, ERODE

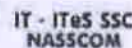
FROM 04-07-2023 TO 10.07.2023



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Reg. No.: TN07E0021273

CERTIFICATE ID : A0037108

Authorised Signature



CERTIFICATE OF Appreciation



DATE : **10.07.2023**



THIS IS TO CERTIFY THAT **SUGANYA K (731221104035)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
****ETHICAL HACKING****
CONDUCTED BY ETS ACADEMY, ERODE
FROM 04-07-2023 TO 10.07.2023



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
क्षेत्रीय मंत्रालय - भारत सरकार

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Reg. No.: TN07E0021273

CERTIFICATE ID : A0037105

Authorised Signature



AICTE INTERNSHIP

PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

CERTIFICATE OF Appreciation



DATE : **10.07.2023**

THIS IS TO CERTIFY THAT **HARIPRABHA V (731221104015)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
EMBEDDED WITH ROBOTICS
CONDUCTED BY ETS ACADEMY, ERODE
FROM **04-07-2023 TO 10.07.2023**



MSME
MICRO SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु व मध्यम उद्यम

ETS Academy is registered under the:
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Reg. No.: TN07E0021273

CERTIFICATE ID : A0037110

Authorised Signature



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AICTE INTERNSHIP

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

CERTIFICATE

OF

Appreciation



DATE : **24.7.2023**



THIS IS TO CERTIFY THAT **KAMALESH K (731221104017)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
ETHICAL HACKING
CONDUCTED BY ETS ACADEMY, ERODE
FROM 11-07-2023 TO 22.07.2023



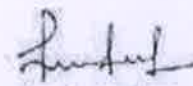
MSME

MICRO, SMALL & MEDIUM ENTERPRISES

सूक्ष्म, लघु व मध्यम उद्यम

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Ministry of MSME Govt. of India
Reg. No. : TN07E0021273

CERTIFICATE ID : A0037147


Authorised Signature



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ACTE INTERSHIP

JKK MUNIRAJAH COLLEGE OF TECHNOLOGY

T.N. PALAYAM (Po)-638 606,
GOBI (TK), ERODE (Dt).

CERTIFICATE

OF

Appreciation



DATE : **10.07.2023**



THIS IS TO CERTIFY THAT **LALITHA T (731221104021)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
EMBEDDED WITH ROBOTICS
CONDUCTED BY ETS ACADEMY, ERODE
FROM **04-07-2023 TO 10.07.2023**



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु व मध्यम उद्यम

ETS Academy is registered under the
Ministry of MSME Govt. of India
Reg. No. TN07E0021373

CERTIFICATE ID : A0037109

Authorized Signature



T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

CERTIFICATE

OF

Appreciation



DATE : **10.07.2023**



THIS IS TO CERTIFY THAT MOUSIKA S (731221104025)

II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)

FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY

HAS SUCCESSFULLY COMPLETED THE COURSE

EMBEDDED WITH ROBOTICS

CONDUCTED BY ETS ACADEMY, ERODE

FROM 04-07-2023 TO 10.07.2023



MSME
MICRO SMALL & MEDIUM ENTERPRISES
मि.क. श.म. & म.म. उ. उ. उ.

ETS Academy is registered under the
Ministry of MSME Govt. of India
Reg No.:TN07E0021273

CERTIFICATE ID : A0037107

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PRINCIPAL



AICTE INTERNSHIP

T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

CERTIFICATE

OF

Appreciation



DATE : 10.07.2023




THIS IS TO CERTIFY THAT **DURGA K (731221104012)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
EMBEDDED WITH ROBOTICS
CONDUCTED BY ETS ACADEMY, ERODE
FROM 04-07-2023 TO 10.07.2023



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
एम्.एस.एम.ई. एम्.एस.एम.ई. एम्.एस.एम.ई.

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Ministry of MSME Govt. of India
Reg. No.: TN07E0021273

CERTIFICATE ID : A0037111


Authorised Signature



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शिक्षण विद्या - शिक्षण विद्या



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PMKVY
Pradhan Mantri Kaushik Vikas Yojana


IT I T & SSC
NASSCOM



AICTE INTERNSHIP

JKK MUNIRAJAH COLLEGE

T.N. PALAYAM (PO)-638 506.
GOBI (TK), ERODE (Dt).

CERTIFICATE OF Appreciation



DATE: 10.07.2023



THIS IS TO CERTIFY THAT **NANDINI M (731221104305)**
II-YEAR B.E (COMPUTER SCIENCE AND ENGINEERING)
FROM JKK MUNIRAJAH COLLEGE OF TECHNOLOGY
HAS SUCCESSFULLY COMPLETED THE COURSE
ETHICAL HACKING
CONDUCTED BY ETS ACADEMY, ERODE
FROM **04-07-2023 TO 10.07.2023**



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
एम्.एस.एम.ई. एम्.एस.एम.ई. एम्.एस.एम.ई.

ETS Academy is registered under the:
Ministry of MSME Gov. of India
Reg. No. TN07E0021273

CERTIFICATE ID : A0037103

Authorised Signature



Skill India
शिक्षण १९२४ - १९२४ १९२४



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PMKVY
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NASSCOM
PRINCIPAL



T.N. PALAYAM (Po)-638 508.
GOBI (Tk), ERODE (Dt).

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Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104039	VIGNESH M	SBS TECHNOLOGY	ERODE	03.07.2023 to 07.07.2023

PRINCIPAL
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OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

MON 29 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 29 Jun 2023 at 2.00pm

Subject: **Internship -reg**

To: SBSTECHNOLOGIES <hr@sbstechnologies.in>

Dear Sir,


I am requesting to be joining your **SBS TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the student name is **VIGNESH.M**

Sincerely,

2 nd Year CSE Students,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

WED 31 Jun 2023 at 3.30pm

From: SBSTECHNOLOGIES <hr@sbstechnologies.in>

Date: wed 31 Jun 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear Madam,

I am writing to confirm my acceptance of your internship offer of 03.07.2023 to 07.07.2023 and to tell you how to be joining my SBS TECHNOLOGIES. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 01, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the student name is VIGNESH.M

Sincerely,

HR Manager,
SBS TECHNOLOGIES,
Erode.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

Certificate No
SBS-Q3XENS

SBS TECHNOLOGIES

1/166, Vallalar Street, Municipal Colony Road, Erode, Tamilnadu, INDIA - 638004
www.sbstechnologies.in, babu@sbstechnologies.in, +91-8144065688

Software Development, Website & Mobile Apps Development, New Technology Training, Smart Jobs Placement Services



CERTIFICATE OF COMPLETION

This is to certify that Mr. **M. VIGNESH** Reg.No: **731221104039** in **BE CSE**
2ND Year student of **JKK MUNIRAJAH COLLEGE OF TECHNOLOGY, T.N. PALAYAM, GOBI - 638506**
has successfully undergone **INTERNSHIP** on **DATA SCIENCE**
from **03.07.2023** to **07.07.2023** in our organization.

During the period of Internship Program, he has exposed to different process and
was found diligent, hardworking and inquisitive.

we wish him every success in his future endeavors and career.



www.sbstechnologies.in

PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (T.S) 638506.
GOBI (TK), ERODE (DI).

S BABU MSc (ISE), MCP,
Founder & CEO of SBS Technologies

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T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104007	BAMBAVASAN V	TECHNOFLY	BANGALORE	03.07.2023 to 19.07.2023


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T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



Internship

1 message

MON 26 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 26 Jun 2023 at 2.00pm

Subject: Internship -reg

To: TECHNOFLYSOLUTIONS <hr@technoflysolutions.in>

Dear Sir,

I am requesting to be joining your **TECHNOFLY SOLUTIONS**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.


Refer the student name is **BAMBAVASAN.V**

Sincerely,

2 nd Year CSE Student,

J K K Munirajah College of Technology,

T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

THUR 29 Jun 2023 at 3.30pm

From: TECHNOFLYSOLUTIONS<hr@technoflysolutions.in>

Date: THUR 29 Jun 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI<poomimadevil@jkkmct.edu.in>

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 03.07.2023 to 19.07.2023 and to tell you how to be joining my TECHNOFLY SOLUTIONS. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 01, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the student name is BAMBAVASAN.V

Sincerely,

HR Manager,
TECHNOFLY SOLUTIONS,
Erode.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).

TechnoFly Solutions

Techno fly

Internship Certificate

This is to certify that **V. BAMBAYASAN** a student of **Jkk**

Munirajah College of Technology has completed **3** months/weeks of Internship

From **3.7.2023** To **24.7.2023** in **Artificial Intelligence** Domain.

We wish you all the best in your future endeavors.

Date: **24.7.2023**

For TechnoFly Solutions



Technofly Solutions, Vijayanagar, Bangalore - 40.
Mob.: 9663476586, 9741150102 | www.technofly.in

[Handwritten Signature]

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
N. PALAYAM (Po)-638 506,
GOBI (TK), ERODE (Dt).

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY



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T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506

INTERNSHIP DETAILS 2022-23

SL.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104001	AADHI SURYA K	THRIVE INFO TECH	THENI	26.06.2023 to 01.07.2023
2	731221104028	PRIYA DHARSHINI S			
3	731221104036	SURYA S			

PRINCIPAL

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**T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).**



Internship
1 message

MON 19 Jun 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: MON 19 Jun 2023 at 2.00pm

Subject: **Internship-reg**

To: THRIVE INFO TECH <hr.thriveinfotech@gmail.com>

Dear Sir,


I am requesting to be joining your **THRIVE INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **AADHI SURYA K, PRIYA DHARSHINI S, SURYA S**

Sincerely,

2 nd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638506,
GOBI (TK), ERODE (Dt).



Internship

Message

THUR 22 Jun 2023 at 3.30pm

From: THRIVE INFO TECH <hr.thriveinfotech@gmail.com >

Date: THUR 22 Jun 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Dear MADAM,


I am writing to confirm my acceptance of your internship offer of 26.06.2023 to 01.07.2023 and to tell you how to be joining my **THRIVE INFO TECH**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JUN 24, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **AADHI SURYA K, PRIYA DHARSHINI S, SURYA S**

Sincerely,

HR Manager,
THRIVE INFO TECH,
Erode.


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



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+91 9384353564



info@thriveinfotech.com



www.thriveinfotech.com

Date: 01.07.2023

CERTIFICATE OF COMPLETION

This is to certify that **Mr. Surya.S (Reg No. : 731221104036)** has completed **INTERNSHIP** successfully from **26.06.2023** to **01.07.2023** in our organization.

During this period she had undergone training on **INTRODUCTION TO WEB DESIGNING** and had shown an exemplary attitude and approach.

Approved by

Rajkumar Thangamani



Managing Director

265, Ramesh Murugan Complex,
Ground Floor, Subban Street,
Theni-625531

Surya

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506
SOUTH INDIA (DI)**

265, Ramesh Murugan Complex, Ground floor,
Subban Street, Theni-625531



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info@thriveinfotech.com



www.thriveinfotech.com

Date: 01.07.2023

CERTIFICATE OF COMPLETION

This is to certify that Mr. **Aadhi Surya.k** (Reg No. : **731221104001**) has completed **INTERNSHIP** successfully from **26.06.2023** to **01.07.2023** in our organization.

During this period she had undergone training on **INTRODUCTION TO WEB DESIGNING** and had shown an exemplary attitude and approach.

Approved by

Rujkumar Thangamani

Managing Director



265, Ramesh Murugan Complex,
Ground Floor, Subban Street,
Theni - 625531

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 500,
GOBI (T) ERODE (Dt).**

265, Ramesh Murugan Complex, Ground floor,
Subban Street, Theni-625531



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+91 9384353564



info@thriveinfotech.com



www.thriveinfotech.com

Date: 01.07.2023

CERTIFICATE OF COMPLETION

This is to certify that **Ms. Priya dharshini.S (Reg No. : 731221104028)** has completed **INTERNSHIP** successfully from **26.06.2023 to 01.07.2023** in our organization.

During this period she had undergone training on **INTRODUCTION TO WEB DESIGNING** and had shown an exemplary attitude and approach.

Approved by

Rajkumar Thangamani

Managing Director

Thrive InfoTech

265, Ramesh Murugan Complex,
Ground Floor, Subban Street,
Theni - 625531

PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506
GOBI (TK), ERODE (Dt).

265, Ramesh Murugan Complex, Ground floor,
Subban Street, Theni-625531



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T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



INTERNSHIP DETAILS 2022-23

SI.NO	REGISTER NUMBER	STUDENT NAME	NAME OF THE COMPANY	LOCATION	DATE
1	731221104307	SRINIVAS V	UNIQ TECHNOLOGIES	BANGALORE	10.07.2023
2	731221104701	NIKETHA S			to 15.07.2023

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



Internship
1 message

SAT 1 July 2023 at 2.00pm

From: POORNIMADEVI <poomimadevil@jkkmct.edu.in>

Date: SAT 1 July 2023 at 2.00pm

Subject: Internship-reg

To: UNIQ TECHNOLOGIES <info@uniqtechnologies.co.in>

Dear Sir,

I am requesting to be joining your **UNIQ TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from your staff.

Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe your outstanding staff.

Refer the following students: **SRINIVAS.V, NIKETHA.S**

Sincerely,

2 nd Year CSE Student,
J K K Munirajah College of Technology,
T.N.Palayam, Erode-638506, Tamilnadu.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GODI (TK), ERODE (Dt).



Internship

1 message

MON 3 July 2023 at 3.30pm

From: UNIQ TECHNOLOGIES <info@uniqtechnologies.co.in>

Date: MON 3 July 2023 at 3.30pm

Subject: Internship-reg

To: POORNIMADEVIL <poomimadevil@jkkmct.edu.in>

Dear MADAM,

I am writing to confirm my acceptance of your internship offer of 10.07.2023 to 15.07.2023 and to tell you how to be joining my **UNIQ TECHNOLOGIES**. The requirements are exactly what I have prepared for and hoped to do. I feel confident that I can make a significant contribution to your organization while at the same time learning from my staff.

As we discussed, I will report at 8:00 a.m. on JULY 8, 2023 and will be ready to take on my first assignment as an intern from my company. Additionally, I shall complete all insurance forms for the new intern orientation. I look forward to working with you and your fine team. I appreciate your confidence in me and providing the chance to work with and observe my outstanding staff.

Refer the following students: **SRINIVAS.V, NIKETHA.S**

Sincerely,

HR Manager,
UNIQ TECHNOLOGIES,
Erode.

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

CERTIFICATE OF COMPLETION

This is to certify that SRINIVAS V

has successfully completed **mini project** in PYTHON

entitled BIG DATA WITH PYTHON


Program Coordinator


Trainer

CERTIFICATE OF MERIT

This is to certify that SRINIVAS V (Reg No. 731221104307) has
successfully completed the *internship* in PYTHON Application Development in our
concern from 10/07/2023 to 15/07/2023.
During the *internship* period, the performance of the intern was found to be Good.

EXP-01588

R. Kingi



Program Coordinator

HR Head

[Signature]
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).

CERTIFICATE OF MERIT

This is to certify that NIKETHA S (Reg No. 731221104701) has

successfully completed the *internship* in PYTHON Application Development in our

concern from 10/07/2023 to 15/07/2023.

During the *internship* period, the performance of the intern was found to be Good.

R. K. S.

Program Coordinator

Praliff

HR Head



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services | technology | development

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CERTIFICATE OF EXCELLENCE

This is to certify that NIKETHA S

has attended a workshop on PYTHON

conducted by UNIQ Technologies on 15/07/2023.

P. Kingji
Technical Lead

Pratish
HR Head

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 508,
GGI (TK), ERODE (DI).

CERTIFICATE OF COMPLETION

This is to certify that NIKETHA S

has successfully completed **mini project** in PYTHON

entitled BIG DATA WITH PYTHON


Program Coordinator


Trainer



uniq technologies
services | technology | development

ISO 9001: 2015 CERTIFIED

CERTIFICATE OF EXCELLENCE

This is to certify that SRINIVAS V

has attended a workshop on PYTHON

conducted by UNIQ Technologies on 15/07/2023



R. K...
Technical Lead

[Signature]

[Signature]
HR Head

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALANISAMI
GOBI (TK), ERODE (Dt).