



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING



Approved by All India Council for Technical Education, New Delhi
Affiliated to Anna University, Chennai
NAAC Accredited Institution & NBA Accredited Courses (Mech. Engg., ECE, CSE, IT)
"Nizara Educational Campus" Muthapudupet, Avadi-IAF, Chennai - 55.

2.3.1 Student centric experiences using ICT tools. Methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning

2.PARTICIPATIVE LEARNING	
1	PROJECT / MINI PROJECT
2	SEMINAR / PRESENTATION
3	GROUP DISCUSSION / QUIZ/ MCQ
4	CLUB ACTIVITIES
5	INDUSTRIAL VISIT
6	WORKSHOP

1. PROJECT / MINI PROJECT

NEURAL NETWORKS TO GENERATE CAPTIONS FOR IMAGE

A PROJECT REPORT

Submitted by

A.ABDUL AZEEZ

(110118104001)

T.ABDUL NAWAZ HAMDHAN

(110118104005)

K.ABDUL VAQEEL

(110118104007)

in partial fulfillment for the award of the degree

of

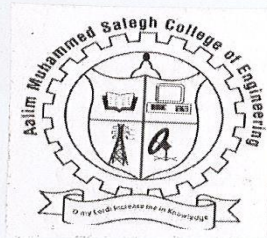
BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

CHENNAI



ANNA UNIVERSITY : CHENNAI 600 025

JUNE 2022

**PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING**


ANNA UNIVERSITY:CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "NEURAL NETWORKS TO GENERATE CAPTIONS FOR IMAGE" is the bonafide work of "A.ABDULAZEEZ (110118104001),T.ABDUL NAWAZ HAMDHAN (110118104005), K.ABDUL VAQEEL (110118104007)," who carried out project work under my supervision.


SIGNATURE
Mrs. SULTHANA BEGUM

HEAD OF THE DEPARTMENT
Associate Professor
Department of Computer Science
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SIGNATURE
Mr. PASUPATHI
SUPERVISOR
Assistant Professor
Department of Computer Science
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Aalim Muhammed Salegh College
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Chennai-600055.

Submitted for the project viva-voce examination held on25-06-2022.....at
Aalim Muhammed Salegh College of Engineering.


INTERNAL EXAMINER


EXTERNAL EXAMINER


PRINCIPAL
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**HEALTH CARE CHATBOT USING MACHINE
LEARNING**

A PROJECT REPORT

submitted by

MOHAMMED TAWFEEQ 110120104041

SAQIB NIHAL 110120104050

WADUD MUHAMMED 110120104062

WHALID 110120104063

in partial fulfillment of the award of the degree

of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE ENGINEERING



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

ANNA UNIVERSITY: CHENNAI 600 055

MAY-2024

Salegh
11/5/2024
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COLLEGE OF ENGINEERING**



**SIGN LANGUAGE DETECTION AND TRANSLATION IN
REAL TIME USING MEDIAPIPE
A MINI PROJECT REPORT**

submitted by

ASHHAR NAWAZ KHAN	(110120104303)
MOHAMED MAAZ M S	(110120104311)
SRIJITH K M	(110120104315)
AHMED AABIDH HAJJI	(110120104701)

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**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE ENGINEERING**

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

ANNA UNIVERSITY: CHENNAI 600 055

MAY-2023

ANNA UNIVERSITY: CHENNAI 600 055

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BONAFIDE CERTIFICATE

Certified that the project report "IMAGE CAPTION GENERATOR USING DEEP LEARNING" is a bonafide work of the done by Mr/ Ms MOHAMMED AARIF.S (110120104034), MOHAMMED TAUFIQ.N (110120104040) AND MOHAMMED IRFAN.K (110120104035) who carried out the project work under my supervision

SIGNATURE

MRS. G. SULTHANA BEGAM

HEAD OF THE DEPARTMENT

Department of Computer Science and Engineering

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Chennai 600055

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MR. M. PASUPATHI

SUPERVISOR

Department of Computer Science and Engineering

Aalim Muhammad Salegh College of engineering

Chennai 600055

Submitted for the University practical examination held on 31/05/23 at Aalim Muhammed Salegh College of Engineering, Avadi-IAF, Chennai-600055

INTERNAL EXAMINER

EXTERNAL EXAMINER

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2. SEMINAR / PRESENTATION



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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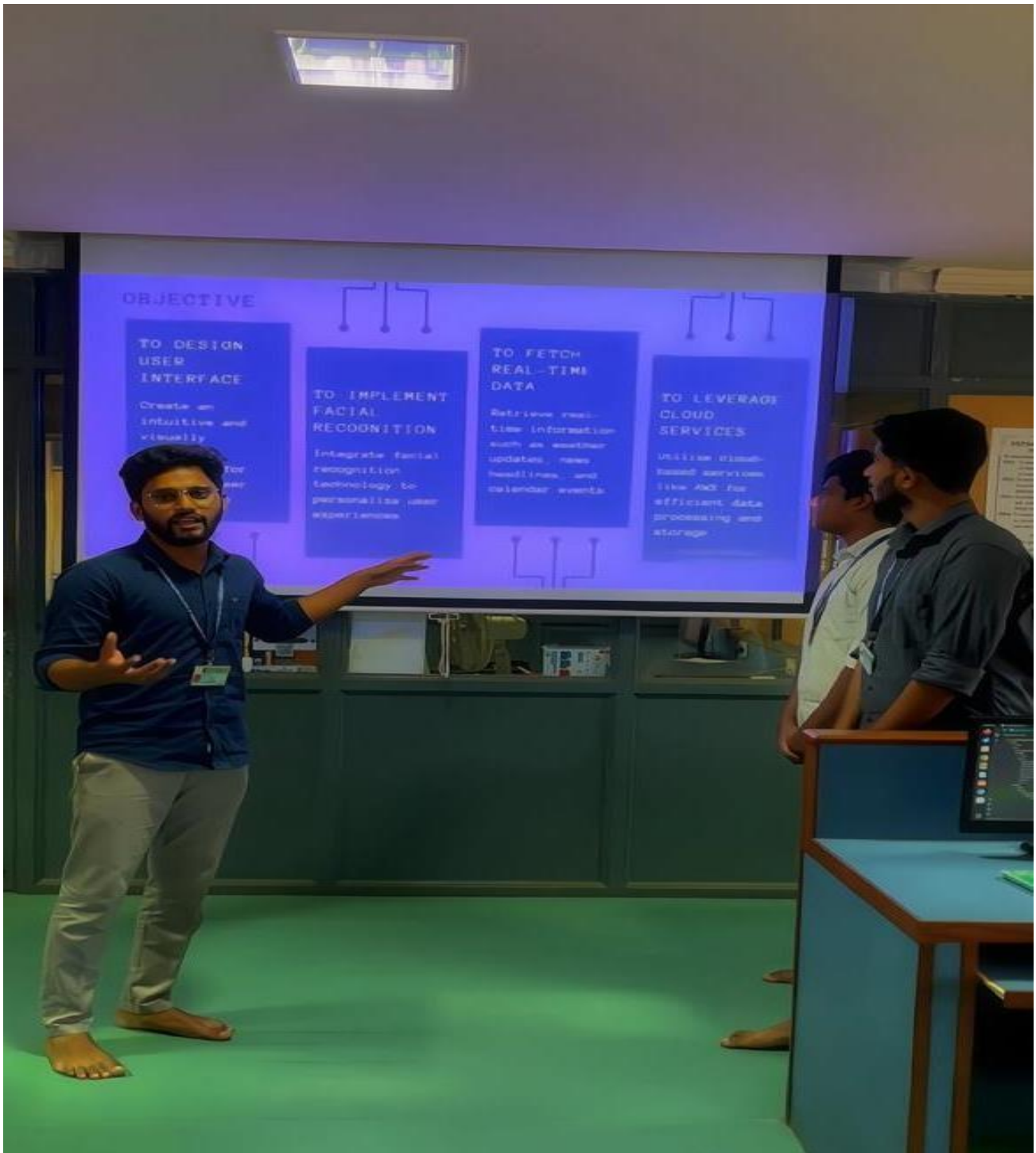


DEPARTMENT OF INFORMATION TECHNOLOGY

SEMINAR

S.NO	SUBJECT CODE/ SUBJECT NAME
1.	CCW331-BUSINESS ANALYTICS
2.	CS8791-CLOUD COMPUTING
3.	CS3492 - DATABASE MANAGEMENT SYSTEMS
4.	CCS345-ETHICS AND AI
5.	CCS355-NEURAL NETWORKS AND DEEP LEARNING
6.	CS8392-OBJECT ORIENTED PROGRAMMING
7.	GE8076-PROFESSIONAL ETHICS IN ENGINEERING
8.	CS8494-SOFTWARE ENGINEERING
9.	CS8091-BIGDATA ANALYTICS
10.	IT8601-COMPUTATIONAL INTELLIGENCE

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Seminar on the topic Cloud Computing Presented by III Year Students T. Naveen, MohammedShaaheen and Rizwan

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Aalim Muhammed Salegh College of Engineering
Department of Information Technology
ACADEMIC YEAR (2022 - 2023) - EVEN SEMESTER
Batch (2021-2025)
CS3492-DATABASE MANAGEMENT SYSTEMS
SEMINAR TOPIC

S.NO	REGISTER NUMBER	STUDENT NAME	SEMINAR TOPIC
1.	110121205001	ABDUL HAMEED .A	Distributed Databases: Architecture
2.	110121205002	M.F.ABDULLA	
3.	110121205003	M.ABUTHALHA	
4.	110121205004	O. ADHIL	
5.	110121205005	AFRAR RASHEED.A.A	
6.	110121205006	ASHIZ AHAMED	
7.	110121205007	ASILA JASMINE BALKEES H	
8.	110121205009	BARHANA PARVEEN. H	Distributed Databases: Data Storage
9.	110121205011	A.FIRNAS FATHIMA	
10.	110121205012	FURQANA F	
11.	110121205013	A.HARISH	
12.	110121205014	HASHEER AHMED	
13.	110121205015	ILAMARAN.N	
14.	110121205016	IRFAN AADIL.S	
15.	110121205017	S.IRFAN HAMEED	Transaction Processing, Query processing and optimization
16.	110121205018	KISHORE S	
17.	110121205019	MAHMOOD . T	
18.	110121205020	MOHAMED AARKIF	
19.	110121205021	MOHAMED ASIF M	

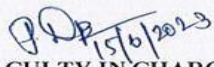

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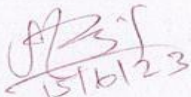
20.	110121205022	MOHAMED FAHIM I	NOSQL Databases: Introduction – CAP Theorem
21.	110121205023	MOHAMED FAWZAN.S	
22.	110121205024	MOHAMED IRSHADH. S	
23.	110121205026	MOHAMED RILWAN J	
24.	110121205027	MOHAMED RILWAN S	
25.	110121205028	MOHAMED RISHWAN. B	
26.	110121205029	MOHAMED SHAAHEEN A	
27.	110121205030	MOHAMED WAQAS K	
28.	110121205031	MOHAMED ZIAULHUQ F	
29.	110121205032	K. MOHAMMED AZARUDEEN	Document Based systems – Key value Stores – Column Based Systems – Graph Databases
30.	110121205033	MOHAMMED AZEEM. R	
31.	110121205034	J.MOHAMMED FAIZ	
32.	110121205035	MOHAMMED NOUMAN M.A	
33.	110121205036	Z.MOHAMMED RIFAY	
34.	110121205037	MOHAMMED RIYAZ .M	
35.	110121205040	NAVEEN T	
36.	110121205041	NEERAJA C	Database Security: Security issues
37.	110121205042	R.PRABHAKARAN	
38.	110121205043	PRIYADARSHINI P	
39.	110121205044	RAABIYA.N	
40.	110121205045	RAHIMA SHIRIN. B	
41.	110121205046	RAVI KUMAR. A	
42.	110121205047	A. RINOZ FATHIMA	
43.	110121205048	S.SAFREEN BANU	Access control based on privileges
44.	110121205049	SHABENDAR.D	
45.	110121205050	SHEEJAN. J	




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46.	110121205051	SHOBITHA. P	
47.	110121205052	SRINIVAS SAI PRASHANTH M	
48.	110121205054	ZABI AHMED .M	
49.	110121205055	M.ZIYAUL HAQUE	
50.	110121205302	HAFIL AMEER S	Role Based access control – SQL Injection –
51.	110121205304	MURSHID H	
52.	110121205305	NANDHINI K	Statistical Database security
53.	110121205306	SALMANASHIK A	


15/6/2023
FACULTY IN CHARGE


15/6/23
HOD/IT


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Aalim Muhammed Salegh College of Engineering
Department of Information Technology
ACADEMIC YEAR (2022 - 2023) - EVEN SEMESTER
Batch (2021-2025) - Name List
CS3492-DATABASE MANAGEMENT SYSTEMS
SEMINAR MARKS

S.NO.	REGISTER NUMBER	NAME OF THE STUDENT	MARKS
1.	110121205001	ABDUL HAMEED .A	9
2.	110121205002	M.F.ABDULLA	8
3.	110121205003	M.ABUTHALHA	9
4.	110121205004	O. ADHIL	8
5.	110121205005	AFRAR RASHEED.A.A	10
6.	110121205006	ASHIZ AHAMED	8
7.	110121205007	ASILA JASMINE BALKEES H	9
8.	110121205009	BARHANA PARVEEN. H	9
9.	110121205011	A.FIRNAS FATHIMA	10
10.	110121205012	FURQANA F	10
11.	110121205013	A.HARISH	10
12.	110121205014	HASHEER AHMED	8
13.	110121205015	ILAMARAN.N	8
14.	110121205016	IRFAN AADIL.S	8
15.	110121205017	S.IRFAN HAMEED	8
16.	110121205018	KISHORE S	10
17.	110121205019	MAHMOOD . T	8
18.	110121205020	MOHAMED AARKIF	8
19.	110121205021	MOHAMED ASIF M	9
20.	110121205022	MOHAMED FAHIM I	9
21.	110121205023	MOHAMED FAWZAN.S	8
22.	110121205024	MOHAMED IRSHADH. S	8
23.	110121205026	MOHAMED RILWAN J	8
24.	110121205027	MOHAMED RILWAN S	8
25.	110121205028	MOHAMED RISHWAN. B	8
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27.	110121205030	MOHAMED WAQAS K	8
28.	110121205031	MOHAMED ZIAULHUQ F	8
29.	110121205032	K. MOHAMMED AZARUDEEN	8
30.	110121205033	MOHAMMED AZEEM. R	10
31.	110121205034	J.MOHAMMED FAIZ	8
32.	110121205035	MOHAMMED NOUMAN M.A	9
33.	110121205036	Z.MOHAMMED RIFAY	8
34.	110121205037	MOHAMMED RIYAZ .M	8



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35.	110121205040	NAVEEN T	10
36.	110121205041	NEERAJA C	10
37.	110121205042	R.PRABHAKARAN	9
38.	110121205043	PRIYADARSHINI P	10
39.	110121205044	RAABIYA.N	10
40.	110121205045	RAHIMA SHIRIN. B	10
41.	110121205046	RAVI KUMAR. A	8
42.	110121205047	A. RINOZ FATHIMA	10
43.	110121205048	S.SAFREEN BANU	10
44.	110121205049	SHABENDAR.D	8
45.	110121205050	SHEEJAN. J	8
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48.	110121205054	ZABI AHMED .M	8
49.	110121205055	M.ZIYAUL HAQUE	8
50.	110121205302	HAFIL AMEER S	8
51.	110121205304	MURSHID H	8
52.	110121205305	NANDHINI K	10
53.	110121205306	SALMANASHIK A	8

P.P.P
15/6/2023

Course

Instructor

15/6/23

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3. GROUP DISCUSSION / QUIZ / MCQ



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DEPARTMENT OF INFORMATION TECHNOLOGY

GROUP DISCUSSION

S.NO	SUBJECT CODE/ SUBJECT NAME
1.	IT8075-SOFTWARE PROJECT MANAGEMENT
2.	MG8591-PRINCIPLES OF MANAGEMENT
3.	CS8079-HUMAN COMPUTER INTERACTION
4.	CCS345-ETHICS AND AI
5.	CS8791-CLOUD COMPUTING
6.	CCW331-BUSINESS ANALYTICS
7.	GE8076-PROFESSIONAL ETHICS IN ENGINEERING
8.	IT6010-BUSINESS INTELLIGENCE
9.	CS8092-COMPUTER GRAPHICS AND MULTIMEDIA

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Group Discussion on the topic The Role of Augmented Reality AR in HCI, HCI in Healthcare by III Year Students

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Aalim Muhammed Salegh College of Engineering
Department of Information Technology
ACADEMIC YEAR (2020 - 2021) - ODD SEMESTER
BATCH (2017-2021)
CS8079-HUMAN COMPUTER INTERACTION
GROUP DISCUSSION TOPIC

S.NO	TOPIC	Relevance to POs and PSOs
1.	The Role of Augmented Reality (AR) in HCI, HCI in Healthcare	PO1,PO6,PO8,PO9,PO10,PO12


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Department of Information Technology
ACADEMIC YEAR (2020 - 2021) - ODD SEMESTER
BATCH (2017-2021)
CS8079-HUMAN COMPUTER INTERACTION
GROUP DISCUSSION

S.NO.	REGISTER NUMBER	NAME OF THE STUDENT
1.	110117205001	AADHISITHAN.R
2.	110117205002	AYEESHA KHATOON B
3.	110117205003	DHANISHA.R
4.	110117205004	JAFAR SHAREEF.U
5.	110117205005	MAHALAKSHMI J
6.	110117205006	MOHAMED ABBAS MEERAN M
7.	110117205007	MOHAMED ABDUL MALIK M
8.	110117205008	MOHAMED ABUBACKER S
9.	110117205009	MOHAMED ARFIN.J
10.	110117205010	MOHAMED ASHIK.M
11.	110117205011	MOHAMED ASSIF.A
12.	110117205012	MOHAMED IBRAHIM.M
13.	110117205013	MOHAMED SHAFITH.K
14.	110117205014	RABIA MAA S
15.	110117205015	RABIYA NOORIE M A
16.	110117205016	SHANOFAR JUHI.M
17.	110117205017	SYED FARHAN MOHIDEEN
18.	110117205018	ZAINAB SABA M
19.	110117205019	ZEENATH BEGUM.N
20.	110117205301	DASS E
21.	110117205302	SARBUDEEN KATHER S
22.	110117205303	WASEEQ AHMED T

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Instructor

Waleed
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Aalim Muhammed Salegh College of Engineering
Department of Information Technology
ACADEMIC YEAR (2020 - 2021) - ODD SEMESTER
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CS8079-HUMAN COMPUTER INTERACTION

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19.	110117205019	ZEENATH BEGUM.N	8
20.	110117205301	DASS E	8
21.	110117205302	SARBUDEEN KATHER S	8
22.	110117205303	WASEEQ AHMED T	9

Ayusha
 Course 15/11/2020

Instructor

DM
 HOD/IT 15/11/2020

DM

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MCQ's on MAC OS(CONTENT BEYOND SYLLABUS)

Register No.: 110121205026

Name: Mohamed Riwan J

19/20

RJ

1. What is the latest version of macOS as of 2024?

- a) macOS Mojave
- b) macOS Catalina
- c) macOS Big Sur
- d) macOS Monterey

2. Which Apple-designed programming language is primarily used for macOS app development?

- a) Swift
- b) Objective-C
- c) Python
- d) Java

3. What is the default web browser on macOS?

- a) Google Chrome
- b) Mozilla Firefox
- c) Safari
- d) Microsoft Edge

4. Which utility tool on macOS helps in managing software updates and installations?

- a) App Store
- b) System Preferences
- c) Terminal
- d) Software Update

5. Which key combination is used to force quit an application on macOS?

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a) Command + Q

~~b) Command + Option + Esc~~

c) Command + Option + Shift + Esc

d) Command + Option + Q

6. Which feature on macOS allows you to run Windows or other operating systems alongside macOS?

~~a) Boot Camp~~

b) Parallels Desktop

c) VMware Fusion

d) Wine

7. Which macOS utility tool is used for disk management and partitioning?

~~a) Disk Utility~~

b) Terminal

c) Finder

d) System Preferences

8. What is the default file system used by macOS?

a) FAT32

b) NTFS

~~c) HFS+~~

d) exFAT

9. Which security feature in macOS provides protection against malicious software?

~~a) Gatekeeper~~

b) Firewall

c) XProtect

d) FileVault

10. What is the shortcut to take a screenshot on macOS?

a) Command + S

b) Command + Shift + S

c) Command + Option + S

~~d) Command + Shift + 4~~


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11. Which application on macOS is used for managing emails?

- a) ~~Mail~~
- b) Outlook
- c) Thunderbird ✓
- d) Gmail

12. What is the default text editor on macOS?

- a) ~~TextEdit~~
- b) Microsoft Word
- c) Pages ✓
- d) Notes

13. Which feature on macOS allows you to quickly preview files without opening them?

- a) ~~Quick Look~~
- b) Preview ✓
- c) Finder
- d) Spotlight

14. Which shortcut is used to access the macOS System Preferences?

- a) Command + P
- b) Command + Option + P
- c) ~~Command + Comma (,)~~ ✓
- d) Command + Option + Comma (,)

15. Which macOS feature syncs files and documents across all Apple devices?

- a) ~~iCloud Drive~~
- b) AirDrop
- c) Handoff ✓
- d) Continuity

16. What is the macOS equivalent of the Task Manager in Windows?

- a) Finder
- b) ~~Activity Monitor~~ ✓
- c) System Preferences



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4. CLUB ACTIVITIES



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IAF-AVADI, CHENNAI - 55
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CLUB ACTIVITIES

SI. No	Name of the club	Faculty in charge
1	Full stack club	Dr. A. Mohammed Munawar Hussain
2	IoT club	Asst. Prof. Anwar Basha

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



FULL STACK CLUB

OBJECTIVES:

The objective of a Full Stack club is to provide students with comprehensive hands-on experience in developing both the front-end and back-end components of web applications. This lab aims to equip learners with the skills and knowledge needed to understand the entire development process, from designing user interfaces to implementing server-side logic and managing databases. Through practical exercises and projects, participants can gain proficiency in various technologies and frameworks commonly used in full stack development, fostering their ability to create dynamic and responsive web applications.

The Lab strives to prepare students with a comprehensive understanding, starting from the basics of website development using tools such as HTML, CSS, and JavaScript, all the way through server-side programming, database management, and web security.

MEAN Stack Development Lab provides a specialized environment where developers work on projects using the MEAN stack, focusing on the entire stack—from the back-end database (MongoDB), to the server-side application framework (Node.js with Express.js), and the front-end user interface (AngularJS or Angular).

Web application development involves use of various tools, frameworks, and technologies

Programming Languages

- HTML (Hypertext Markup language): Fundamental for structuring Web pages
- CSS (Cascading Style Sheets): Used for styling HTML pages
- Javascript :Essential for Client side Scripting
- Python, Ruby, PHP, Java etc.: Used for server side scripting and backend development

Frameworks

- Javascript Frameworks like React, Angular for building dynamic user interfaces
- Node.js : A Javascript runtime environment for sever-side scripting using Javascript
- Express.js : A minimal and flexible Node.js web application framework
- Django: A high-level Python web framework that encourages rapid development and clean, pragmatic design

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Database Management System

▪ MySQL, SQLServer, MongoDB: Used for storing and managing databases of web applications

Frontend Libraries & Tools

- Bootstrap: A front-end framework for developing responsive and mobile-first websites.
- jQuery: A fast, small, and feature-rich JavaScript library simplifying client-side scripting.

Version Control

- GitHub: A distributed version control system widely used for tracking changes in source code during software development

Integrated Development Environment (IDEs) and Text Editors

- Visual Studio Code
- Sublime
- Visual Studio
- Pycharm



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



S.NO	NAME OF THE EVENT/ACTIVITY	DATE
1	INTRODUCTION IN C#	6/3/2024
2	OOPS IN C#	12/3/2024
3	INTRODUCTION IN .NET AND INHERITANCE IN C#	20/3/2024

Muthu Prinja

FACULTY IN CHARGE

E. Govind
22/4/24

HOD/CSE

D. Suresh
27/4/2024

PRINCIPAL (i/c)

DEPT OF
Computer Science & Engineering
Aalim Muhammed Salegh
College of Engineering

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[Handwritten Signature]

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INTRODUCTION C#

AGENDA:

Date:06.03.2024

- 1) Introduction C#
- 2) Basic Concept C#
- 3) Type of Class in C#
- 4) Program structure in c#

The Department of Computer Science and Engineering Organized Full stack Development of club activity Conducted by Dr Munawar Professor of Practice in Aalim Muhammed Salegh College of Engineering Introduction in C# Program on 6th March, 2023 (Wednesday) from 11.00 A.M to 12.00 P.M

Pattabiram, Tamil Nadu, India
CSE and IT building, Muthapudupet, Avadi, IAF,, Muthapudupet, Pattabiram,
Avadi, Tamil Nadu 600055, India
Lat 13.147765°
Long 80.058374°
06/03/24 11:20 AM GMT +05:30

Online Session organized to students as a part of Full Stack Development Club activity


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Students attending session on Concepts in C# during Full Stack Activity Development Club

During this session he explained the Introduction C# and basic concept of C# which are in useful in visual basic and window power shell and .Net frame work. C# it used for developing web applications and web services as well as used for developing machine learning application using .Net. There are 30 students taking part in this session.

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OOPS IN C#

AGENDA:

Date:12.03.2024

- 1) Oops Concept in C#
- 2) Oops and .Net
- 3) Class and object creation
- 4) Array of objects
- 5) Data encapsulation C#

The Department of Computer Science and Engineering Organized Full stack Development of club activity OOPS in C# Program Conducted by Dr Munawar Professor of Practice, in Aalim Muhammad Salegh College of Engineering on 12th March, 2023 (Tuesday) from 11.00 A.M to 12.00 P.M



Demonstration of OOPS Concepts in C# during Full Stack Activity Development Club

During this session, he explained the OOPS concept in C# and Data encapsulation in C#, OOPS and .Net . OOPS has application in software development, game development, web Development are AI/ML are among its main applications of OOPS. There are 30 students taking part in this session..

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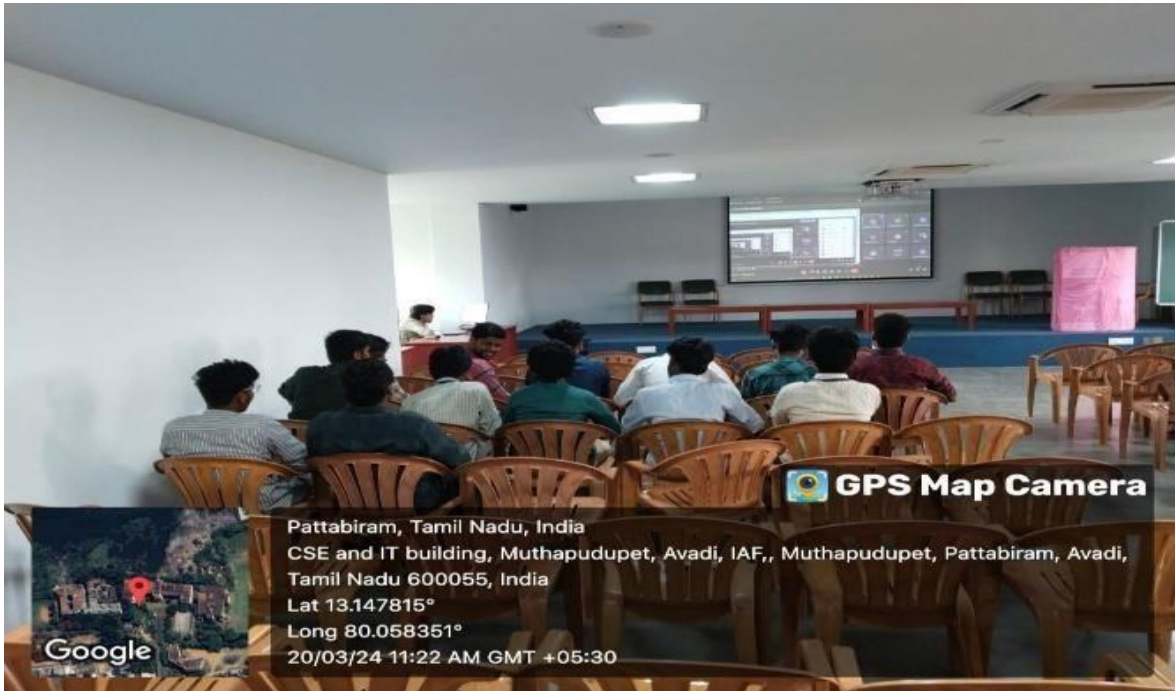
INHERITANCEIN C#

AGENDA:

Date:20.03.2024

- 1) Introduction.Net
- 2) Types of Inheritance in C#
- 3) Tools
- 4) Class Libraries
- 5) COMVS.NET
- 6) ASP. NET and ADO.NET
- 7) Window Power Shell
- 8) Basic Inheritance C# Program

The Department of Computer Science and Engineering Organized Full stack Development of club activity on Introduction .NET and Basic Inheritance C# Program Conducted by Dr Munawar Professor of Practice, in Aalim Muhammed Salegh College ofEngineeringon20th March,2023 (Wednesday) from 11.00A.M to 12.00 P.M



Students attending session on .NET during Full Stack Activity Development Club

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Demonstration of .NET concepts in Club Activity

During this session, he explained the Inheritance in C# and .Net, COM VS.NET, ASP.NET and ADO.NET and Window power shell. It used for modeling in real world real world. There are 30 students taking part in this session.

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FEEDBACK FORM

Reg No. :

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FILL IN CAPTIAL LETTERS

Name of the Student : Jannathul Firthoush
Dept, Year, Section : CSE, II, A
Name of the Speaker: Dr. Munawar Hussain
Topic : OOPS in C#
Timing : 11:00 to 12:00

Please '✓' the option you find most suitable.

Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?		✓			
2.	How relevant was the content discussed by the speaker?	✓				
3.	How much interesting this session was for you?					
	Subject content		✓			
	Technical presentation by speaker		✓			
4.	Did the lecture cover what you were expecting?	✓				
5.	Overall effectiveness of the lecture		✓			
6.	How was the overall organization of the lecture?	✓				

Feedback on Content delivery:

Feedback on depth of explanation:

Suggestions to improve the session:

Date: 12/3/24

Jannathul Firthoush
Participant signature

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FEEDBACK FORM

Reg No. :

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FILL IN CAPITAL LETTERS

Name of the Student : *hageshwari RM*
Dept, Year, Section : *CSE II A*
Name of the Speaker: *Dr. Munavar Hussain*
Topic : *Introduction to .NET and Basic inheritance*
Timing : *11:00 am to 12:00* *CH*
Please '✓' the option you find most suitable.
Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?	✓				
2.	How relevant was the content discussed by the speaker?	✓				
3.	How much interesting this session was for you?					
	Subject content	✓				
	Technical presentation by speaker	✓				
4.	Did the lecture cover what you were expecting?	✓				
5.	Overall effectiveness of the lecture		✓			
6.	How was the overall organization of the lecture?		✓			

Feedback on Content delivery:

Feedback on depth of explanation:

Suggestions to improve the session:

Date: *20-03-2024*

[Signature]
Participant signature

[Signature]

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FEEDBACK FORM

Reg No. :

1	1	0	1	2	1	1	0	4	0	4	5
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FILL IN CAPITAL LETTERS

Name of the Student : *Mohamed Fahim*
 Dept, Year, Section : *CSE / III / A*
 Name of the Speaker: *Dr. Murtaza Hussain*
 Topic : *Introduction c#*
 Timing : *11:00 to 12:00*

Please '√' the option you find most suitable.
 Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?	✓				
2.	How relevant was the content discussed by the speaker?		✓			
3.	How much interesting this session was for you?					
	Subject content	✓				
	Technical presentation by speaker		✓			
4.	Did the lecture cover what you were expecting?	✓				
5.	Overall effectiveness of the lecture		✓			
6.	How was the overall organization of the lecture?	✓				

Feedback on Content delivery:

Good

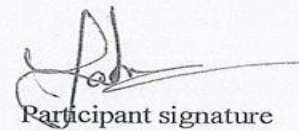
Feedback on depth of explanation:

Satisfaction

Suggestions to improve the session:

No comments.

Date: *6/3/24*


Participant signature


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INTERNET OF THINGS (IoT) CLUB

OBJECTIVES:

The Internet of Things Club is where you can find the information around The Internet of Things. The club provides every detail to its members, from news and ideas where the IoT can take us to examples from everyday applications. The internet of Things Club can be defined as a place open to everyone and everything.

Internet of Things (IoT) is an emerging technology that allows establishing a network with devices and systems to connect and exchange data using the internet. The IoT-enabled products are equipped with processing ability, sensors, software, and other technologies for data exchange.

We often come across real-life examples that define IoT more simply. For example, smart homes work on IoT technology. IoT enables you to operate all the connected equipment like lights, fans, AC, refrigerators, etc., from anywhere using the internet. This technology has revolutionized the way we live.

As far as the growth of IoT is concerned, this technology is sure to rule in the future. It is anticipated to touch the market worth of USD 106.1 by 2026. These overwhelming figures testify that IoT will produce a sea of job opportunities in the future.

Aim and Objectives

The Club shall have the following objectives:

Provide awareness to the faculties and students about the cutting edge technologies in the area of IoT.

Promote and support enthusiastic students for the development of IoT applications.

Identify research opportunities in IoT technology, applications and services.

Form a student's community including business, communication, embedded systems, information systems, and software, with a focus on challenges in IoT issues.

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IoT CLUB

COURSE CONTENT

WEEK	CONTENT	TOTAL HOURS/WEEK
WEEK 1	Introduction <ul style="list-style-type: none">• Architecture of Internet of Things,• IoT components, Devices• Hardware and software requirements• Various layers of IoT infrastructure• Various software used for IoT• Simulation of Basic circuits using Tinkercad	7
WEEK 2	Arduino <ul style="list-style-type: none">• IoT embedded systems and micro-controllers• Introduction to Arduino• Structure and pin diagram of Arduino• Working with Arduino IDE software.• Interfacing LED, Relay, POT.• Interfacing Sensors with Arduino• Bluetooth Communication	8
WEEK 3	ESP boards: <ul style="list-style-type: none">• Installation and configure with ESP 8266• Interfacing LED, Relay, POT• Working with different sensors.• Introduction IoT platform• Creation of cloud platform in Blynk and Thinkspeak• Configure and Connecting Wi-Fi by ESP 8266.• Switching the LEDs and Relays through IoT cloud app.• Read sensors values through IoT cloud platform.• Collecting data through IoT platform.	10
WEEK 4	Raspberry Pi Boards: <ul style="list-style-type: none">• Introduction to Rasperry Pi Pico , Pico W boards.• Features of RP2040 dual core controller.• Thonny IDE platform for Pico boards• Interfacing Leds, POT and Relays with Pico W.• Interfacing Sensors with Pico W• Bluetooth communication• Configure and connect with Wi-Fi.• Switch the LEDs, Relays through IoT cloud platform.• Read Sensors through IoT cloud.	10
WEEK 5	Projects: <ul style="list-style-type: none">• Home automation• Smart Irrigation Systems• Smart health monitoring system• Remote Controlling System• Sensorless weather monitoring system	10

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IoT CLUB



STUDENTS COORDINATOR:

S.NO	Name	YEAR	DEPARTMENT
1	T.Kabilesh	III	ECE
2	M.Kannan	III	ECE
3	N.Mohamed wafiq	III	ECE

STUDENTS MEMBERS:

1	Tawfiq Imran J S	2nd	AI & DS
2	Mahalakshmi M	2nd	AI & DS
3	Aasifa . A	2nd	AI & DS
4	Aasifa . A	2nd	AI & DS
5	Abdul Jalaludheen P.N	3rd	ECE
6	M Theanmercy	1st	AI & DS
7	Divya.K	1st	AI & DS
8	Abdul Athil.I	2nd	AI & DS
9	M Imran Farhat	2nd	AI & DS
10	N Yamini Sree	1st	AI & DS
11	Nayeem	2nd	AI & DS
12	A.Sara Fathima	1st	AI & DS
13	Mohamed Hamdeen A	2nd	AI & DS
14	R.S.Logavarshith	2nd	CIVIL
15	Mohamed Mufrih	2nd	AI & DS
16	Athifa Fareeza.A	1st	AI & DS
17	Kanmani Kalyanasundaram	3rd	ECE
18	Hajee Basha A	2nd	ECE
19	Barath G	3rd	ECE
20	Abdul Hameed	3rd	ECE
21	Mohamed Yousuf	3rd	ECE
22	Safir Ahamed	3rd	ECE
23	Abdul Basith	3rd	ECE
24	Mohamed Thariq Ali A A	3rd	ECE
25	Mohammed Tabrez	3rd	ECE
26	Mohamed Wafiq H	2nd	ECE
27	Mohamed Muaath Rifath L M	2nd	ECE
28	Waheeda Farveen S	2nd	ECE
29	Mohammed Shafiyullah A	2nd	ECE
30	P.V.Sharrupriya	2nd	EEE
31	Taufik Ahmed	2nd	EEE
32	Joochi Jhan .S	2nd	ECE
33	N.Mohamed Wafiq	3rd	ECE
34	Adhra K M	1st	AI & DS
35	N.Syed Suhail	3rd	EEE
36	Jayjeet Tudu	3rd	EEE
37	A.Firthous	3rd	EEE
38	Ganesh N	3rd	EEE

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FEEDBACK FORM

Reg No. :

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FILL IN CAPITAL LETTERS

Name of the Student : *Grabriel Praxena Raj*
 Dept, Year, Section : *II / CSE / 'B'*
 Name of the Speaker: *Ass t. Prof. Anwar Basha*
 Topic : *Raspberry Pi Boards*
 Timing : *12/03/2024 - 04 to 05 pm.*

Please '✓' the option you find most suitable.

Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?		✓			
2.	How relevant was the content discussed by the speaker?	✓				
3.	How much interesting this session was for you?					
	Subject content	✓				
	Technical presentation by speaker	✓				
4.	Did the lecture cover what you were expecting?		✓			
5.	Overall effectiveness of the lecture	✓				
6.	How was the overall organization of the lecture?	✓				

Feedback on Content delivery:

Excellent.

Feedback on depth of explanation:

Better Explanation.

Suggestions to improve the session:

Nil

Date: *12/03/2024.*

Baburaf
Participant signature

[Signature]

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FEEDBACK FORM

Reg No. :

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FILL IN CAPITAL LETTERS

Name of the Student : MOHAMMAD HASSAN.L
Dept, Year, Section : CEE - II yr - B'
Name of the Speaker: ET. ANWAR BASHA
Topic : ARDUINO
Timing : 12:00 PM - 1:00 PM
Please ✓ the option you find most suitable.
Note: 5-Best, 3-Average, 1-Poor.

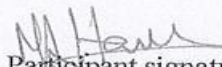
S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?	✓				
2.	How relevant was the content discussed by the speaker?	✓				
3.	How much interesting this session was for you?					
	Subject content	✓				
	Technical presentation by speaker	✓				
4.	Did the lecture cover what you were expecting?		✓			
5.	Overall effectiveness of the lecture		✓			
6.	How was the overall organization of the lecture?		✓			

Feedback on Content delivery: EXCELLENT.

Feedback on depth of explanation: SUPER

Suggestions to improve the session: SUPER. I WAS LARGELY SATISFIED

Date: 10/02/2024


Participant signature


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FEEDBACK FORM

Reg No. :

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FILL IN CAPITAL LETTERS

Name of the Student : Selvamani, R
Dept, Year, Section : 'II', CSE - 'B'
Name of the Speaker: Ex. Anwar Basha
Topic :
Timing : 4-5pm.

Please ✓ the option you find most suitable.
Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?	✓				
2.	How relevant was the content discussed by the speaker?			✓		
3.	How much interesting this session was for you?					
	Subject content		✓			
	Technical presentation by speaker	✓				
4.	Did the lecture cover what you were expecting?		✓			
5.	Overall effectiveness of the lecture			✓		
6.	How was the overall organization of the lecture?	✓				

Feedback on Content delivery: Good

Feedback on depth of explanation: Better explanation.

Suggestions to improve the session: Nil

Date: 24/02/2024

Selvamani, R.
Participant signature


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FEEDBACK FORM

Reg No. :

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FILL IN CAPITAL LETTERS

Name of the Student : sham.
 Dept, Year, Section : II CSE B
 Name of the Speaker: En. Anwer Basha
 Topic : ESP Boards
 Timing : 12.40 - 1-40
 Please ✓ the option you find most suitable.
 Note: 5-Best, 3-Average, 1-Poor.

S.No	Particulars	5	4	3	2	1
1.	Are you satisfied with the time and venue?		✓			
2.	How relevant was the content discussed by the speaker?	✓				
3.	How much interesting this session was for you?					
	Subject content		✓			
	Technical presentation by speaker	✓				
4.	Did the lecture cover what you were expecting?		✓			
5.	Overall effectiveness of the lecture	✓				
6.	How was the overall organization of the lecture?	✓	✓			

Feedback on Content delivery:

good

Feedback on depth of explanation:

good

Suggestions to improve the session:

✓

Date: 9/3/24

Participant signature

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5. INDUSTRIAL VISIT



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AVADI-55
DEPARTMENT OF INFORMATION TECHNOLOGY INDUSTRIAL
VISIT



Industrial Visit

S.No	Name of the Industry and Location	Date	Academic Year	No. of Students
1.	Retech Solutions Private Limited	22.09.2023	2023-2024	93
2.	IIT Fifth conclave at Robert Bosch Centre	17.08.2023	2023-2024	10
3.	M/s. Systech, Trichy	24.11.2022	2022-2023	31
4.	M/s.NLC India Limited, Neyveli	01.06.2022	2021-2022	40
5.	PALS Virtual industrial Visit	16.08.2020	2020-2021	76
6.	PALS Virtual industrial Visit	18.03.2020	2019-2020	61
7.	IITM Research Park, Chennai	31.08.2019	2019-2020	36
8.	Micans Infotech, pondicherry	12-03-2019	2018-2019	50
9.	Neyveli Lignite Corporation Ltd, Neyveli, Government of India	08-03-2019	2018-2019	47

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COLLEGE OF ENGINEERING

19-11-2022

From:

The HOD,
Department of Information Technology,
Aalim Muhammed Salegh College of Engineering,
Avadi-IAF, Chennai-55.

To:

The Principal,
Aalim Muhammed Salegh College of Engineering,
Avadi-IAF, Chennai-55.

Respected Sir,

Sub: Requisition to arrange for Accommodation ,food and Transport from College .

This is to bring to your kind notice that, The 3rd year IT students (31 students + 2staff) are going to attend the Industrial Visit at M/S **SYSTECH** Trichy on 24-11-2022. We would be grateful to you if you arrange ~~Food~~ Transport facilities on 24-11-2022 (04.30am to 11.00pm) accommodation on 23-11-2022 and 24-11-2022 night. Kindly provide me for above facilities.

THANK YOU

YOURS FAITHFULLY,

Forwarded to A.O Sir for Approval

(Dr. S. ARIF ABDUL RAHUMAN)

~~Satish~~
19/11/2022

HEAD
Information Technology
Aalim Muhammed Salegh
College of Engineering

M. Boopathy

&

G. Viswesh

19/11/22

Sun Abdullah / Store Keeper

To follow up.

25/11/2022 - breakfast for
arranged.

17 Count to be

23/11/2022 - Dinner - (6)
(Ladies hostel.)

19/11/22

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Approval for Industrial Visit

1 message

SYSTECH <contact@systechgroup.in>
To: affagifts@gmail.com
Cc: it@aalimec.ac.in, principal@aalimec.ac.in

Fri, Nov 18, 2022 at 12:03 PM

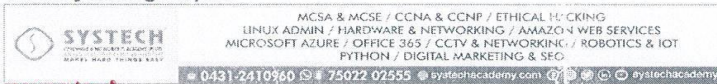
Dear Sir / Ma'am,

Greeting from **SYSTECH**.

This mail regarding our phone conversation to approve your request for Industrial visit to our Systech on 24.11.22 (Thursday), 3 hours for free of cost. If you need certificates we will charge around Rs.300 per student or else 3 hours industrial visit is free of cost.

Looking forward to hearing from you

Thanks & Regards,
Selva Kumari R M,
Admin,
SYSTECH,
129,Aruvi Block , St.Paul's Complex,
Bharathiyar Salai , Cantonment,
Trichy - 620 001.
Ph - + 91 75022 02555 , 0431 - 2410960
www.systechgroup.in



Recommended & forwarded to principal -

*ASJ
18/11/22 -*

I spoke to the Manager of M/s. Systech, He assured me that the company will arrange technical persons to explain the latest technologies in the area of Robotics, CCNA, Cyber security, Java & Python etc.,

Forwarded to A.O Sir for Approval

*Ch. Muhammed
18/11/22*

*ASJ
18/11/22
ARIF ABDUL RAHMAN*

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Information Technology
Aalim Muhammed Salegh
College of Engineering

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Approved by All India Council for Technical Education - New Delhi
Affiliated to Anna University, Chennai
NAAC Accredited Institution

"NIZARA EDUCATIONAL CAMPUS", MUTHAPUDUPET, AVADI - IAF, CHENNAI - 600 055.

AMST/ENGG/Cert./2022-23

21-11-2022

TO WHOMSOEVER IT MAY CONCERN

I'm writing this letter to state that the below mentioned III yr Students of Department of Information Technology along with the faculty members are coming for an Industrial Visit to M/s. SYSTECH – Trichy in our college bus on 24-11-2022.

The name list of students and faculty members are as follows;

Students Name List:

S.No	Anna University Registration Number	Student Name	Gender	Year/Age	Mobile No
1	110120205001	AAMIR DAWOOD	M	20	9894113239
2	110120205002	ABDUL AZEES	M	19	8903497482
3	110120205003	ABDUL HAMEED NASEER A	M	19	7299544898
4	110120205004	ABDUL HASEEF S	M	19	9677569817
5	110120205005	ABUL KALAM	M	19	9840402558
6	110120205006	AKILA SHERIN A	F	19	8056445403
7	110120205007	ANITHA. R	F	19	7305005199
8	110120205008	FEROZ KHAN	M	20	6374684266
9	110120205009	HANFAN HUSAIN	M	19	8608235271
10	110120205010	IMAM HUSSAIN.SH	M	20	8124849847
11	110120205011	MOHAMED ABDUL HAMEED H	M	20	9585383483
12	110120205012	MOHAMED AL SHAHIL	M	20	8110937222
13	110120205013	MOHAMED AJUMAL M	M	19	9003869818
14	110120205014	MOHAMED ARMAS	M	20	8124794904
15	110120205015	MOHAMED ATHIF HUSSAIN. S	M	19	7558185034
16	110120205016	MOHAMED FARDEEN KHAN.J	M	20	8428804490
17	110120205017	MOHAMEDKASIM.M	M	20	9025897581

(1/2)

Phone : (044) 2684 2086, 2684 2627 FAX : 91-44-2684 2456
College E-mail : info@aalimec.ac.in / principal@aalimec.ac.in
Website : www.aalimec.ac.in

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18	110120205018	MOHAMMED AFFAN N	M	21	8056446619
19	110120205019	MOHAMMED AKIF ZAID S J	M	20	9944275959
20	110120205020	S. MOHAMMED SABEEL	M	21	6379095020
21	110120205021	PRIYADHARSHINI R	F	19	6380777542
22	110120205022	RIZWAN S	M	20	9677713286
23	110120205024	SHAIK ALI JABROOTH W H	M	20	8807155943
24	110120205025	SHAKEEL AHAMED K	M	20	9698054477
25	110120205026	SHARMA	M	20	8524098789
26	110120205027	SHEIK HASEENA S	F	19	9380038332
27	110120205028	TAWFIQ SIRAJUDEEN	M	19	8754515276
28	110120205305	MOHAMED FAZEERDEEN M	M	20	8344679554
29	110120205306	MOHAMED IMRAN G	M	22	8807659469
30	110120205308	MUSHRAF ALI T	M	21	8870127146
31	110120205312	VISALI S	F	21	7825961337

Faculty Members Name List:

S.No	Designation	Faculty Name	Year/Age	MOBILE NO
1	Assistant Professor	DHIVYA BHARATHI P	30	6385786760
2	Assistant Professor	DEEPAK R	38	7358652645



Sathish
21.11.2021

Prof. Dr. S. Sathish
Principal

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(2/2)

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[Handwritten Signature]

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Aalim Muhammed Salegh College of Engineering
Department of Information Technology
INDUSTIAL VISIT NAMELIST-2022-2023 -ODD SEM

BATCH-2020-2024

S.No	Register Number	Student Name	Phone Number	Sign
1	110120205001	AAMIR DAWOOD	9894113239	
2	110120205002	ABDUL AZEES	8903497482	
3	110120205003	ABDUL HAMEED NASEER A	9796357886	
4	110120205004	ABDUL HASEEF S	9811869841	
5	110120205005	ABUL KALAM	9840402558	
6	110120205006	AKILA SHERIN A	8056445403	
7	110120205007	ANITHA. R	7305005199	
8	110120205008	FEROZ KHAN	6374684866	
9	110120205009	HANFAN HUSAIN	8008235271	
10	110120205010	IMAM HUSSAIN.SH	8124849845	
11	110120205011	MOHAMED ABDUL HAMEED H	9361409265	
12	110120205012	MOHAMED AL SHAHIL	8110937222	
13	110120205013	MOHAMED AJUMAL M	8820033524	
14	110120205014	MOHAMED ARMAS	8124794904	
15	110120205015	MOHAMED ATHIF HUSSAIN. S	7558185034	
16	110120205016	MOHAMED FARDEEN KHAN.J	8118008988	
17	110120205017	MOHAMEDKASIM.M	9025297581	
18	110120205018	MOHAMMED AFFAN N	8610230094	
19	110120205019	MOHAMMED AKIF ZAID S J	9944095959	
20	110120205020	S. MOHAMMED SABEL	6379095020	
21	110120205021	PRIYADHARSHINI R	6380711542	
22	110120205022	RIZWAN S	9674713286	
23	110120205024	SHAIK ALI JABROOTH W H	8807155943	
24	110120205025	SHAKEEL AHAMED K	7698054477	
25	110120205026	SHARMA	8524098289	
26	110120205027	SHEIK HASEENA S	9830028332	
27	110120205028	TAWFIQ SIRAJUDEEN	875445236	
28	110120205305	MOHAMED FAZEERDEEN M	8244671554	
29	110120205306	MOHAMED IMRAN G	8807659469	
30	110120205308	MUSHRAF ALI T	8370127126	
31	110120205312	VISALI S	9361095400	

K. Raveesh
Class Tutor

R. Raj
18/11/22
HOD

J. Prasad
18/11/2022
Principal

Faculty name :

DHINYA BHARATHI.P (1101303) - 6385786760 - PBP
18/11/22

R. DREPAK, AP/IT - 7358652645 - PBP
18/11/22

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Third Year Students gained hands on experience during their industrial visit, exploring-real world applications of their studies

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Name of the Student: *Mohamed* Reg. No: *110120205011*
abdul kareem d

Year/Sem: *III / V*

Company Name: *3ysstech*

Date: *24/11/2022*

- | | | | | | | |
|----|--|----------|----------|---|---|---|
| a. | The field visit was timely and well organized. | <i>5</i> | 4 | 3 | 2 | 1 |
| b. | The visit was useful to strengthen knowledge gathered in lectures. | 5 | <i>4</i> | 3 | 2 | 1 |
| c. | The faculty/resource person discussed subject matter during visit. | <i>5</i> | 4 | 3 | 2 | 1 |
| d. | The faculty resource person was responsive to student. | <i>5</i> | 4 | 3 | 2 | 1 |

Questions during the visit:

Instructions: please answer all the questions by circling one out of number 1-5 correspond to the statement 5-strongly agree 4-agree 3-neither agree nor disagree 2-disagree 1-strongly disagree.

Any other comments:

Mohamed Abdul Kareem D
Student Signature

[Signature]
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LINUX ADMIN MICROSOFT AZURE PYTHON OFFICE 365 MCSA WINDOWS 10

ROBOTICS ADVANCED ROBOTICS ADVANCED ROBOTICS & IOT during the period

between 24-11-2022 (10.00 AM to 05.00 PM)




Tony Regan P
CEO & Founder

Systech ID. No. : 110120205007

Aruvi Block, St. Paul's Complex, Bharathiyar Salai,
Cantonment, Trichy - 620 001.
☎ 0431 - 241 0960 ☎ 75022 02555

Ajay building, 9th street, Cross Cut Road,
Gandhipuram, Coimbatore - 641 012.
☎ 0422 - 249 3658 ☎ 90804 32873

● systechacademy.com ● systechrobotics.com ● contact@systechacademy.com

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6. WORKSHOP



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"Nizara Educational Campus" Muthapudupet, Avadi-IAF, Chennai - 55.

Workshop

Academic Year	Title/Topic	Date	Resource Person
2021-2022	Python and its real time applications	17.02.2022 & 18.02.2022	M/s.AltSense, Chennai
	IT in Management control	08.09.2021	Er. Habib Mohammed, Team Lead, Barclays International Bank, Chennai.
	Social Media Marketing	08.09.2021	Er. G. Karthiga, Founder & Digital Director, M/s The Grafician, Chennai
	Product development using Aurdino	08.09.2021 & 09.09.2021	Mr.SamsNaveeth, M/S.Azees Academy & Labs, Chennai.
2020-2021	PHP & Mysql	16.09.2020 & 17.09.2020	Er.S.Stephenraj, Managing Director, M/s. Ads-e-Park, Chennai
	FullStackWebDevelopment	17.09.2020	IfelseTechnologies
2019-2020	CyberSecurity	28.01.2020to 30.01.2020	Er.MayankRPandya DevaumTechnologies,Chennai.
	RoboticProcessAutomation	11.03.2020& 12.03.2020	Er.SyedAliFathima, TeamLead-Robotic Process Automation, Chennai.
	Python and Its Real Time Applications	04.02.2019 & 05.02.2019	AltSense Pvt. Ltd, Chennai
	Digital Marketing Fundamentals	20.08.2019& 21.08.2019	S.Senthilraj, I2CMarketingPrivateLimited
	PythonAndItsRealTime Application	04.09.2019& 05.09.2019	Er.MuhammedilyasCEO, M/s. AltSense Professional Training and Coaching, Chennai

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COLLEGE OF ENGINEERING**

Date: 01-09-2021

From

The Head of the Department,
Department of Information Technology,
Aalim Muhammed Salegh College of Engineering,
Chennai- 600055.

To

The Principal,
Aalim Muhammed Salegh College of Engineering,
Chennai- 600055.

Sir,

Sub: Product Development Using Arduino - Workshop in Information Technology Department-Reg

I would like to request your support and permission to conduct a workshop "**Product Development Using Arduino**" has been arranged for the benefit of the **Final Year and Third Year Students** in our department on 08.09.2021 & 09.09.2021. I hereby officially intimate you regarding the course and get your formal consent. I hope to receive a positive reply from you.

Details : Resource person : Mr.Sams Naveeth,
M/S. Azees Academy & Labs,
Chennai

Thanking you,

Yours faithfully,



(Dr.M.AMANULLAH)

HOD-IT



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Aalim Muhammed Salegh College of Engineering

"Nzara Educational Campus" Muchapudupet, Avadi-LAF, Chennai 55.

Department of Information Technology

Organising

2-Day Workshop on Product Development using Arduino

8 & 9th SEP
2021



Resource person:

Mr. Sams Naveeth

Azees Academy and Labs, Chennai

Asst. Prof. Dr. M. Anandharajulu
Head / IT

Prof. Dr. M. Afzal Ali Saig
Principal

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Department of Information Technology

Product Development Using Arduino

S.No	Register Number	Student Name	Year
1	110120205001	AAMIR DAWOOD	II
2	110120205002	ABDUL AZEES	II
3	110120205003	ABDUL HAMEED NASEER A	II
4	110120205004	ABDUL HASEEF S	II
5	110120205005	ABUL KALAM	II
6	110120205006	AKILA SHERIN A	II
7	110120205007	ANITHA. R	II
8	110120205008	FEROZ KHAN	II
9	110120205009	HANFAN HUSAIN	II
10	110120205010	IMAM HUSSAIN.SH	II
11	110120205011	MOHAMED ABDUL HAMEED H	II
12	110120205012	MOHAMED AL SHAHIL	II
13	110120205013	MOHAMED AJUMAL M	II
14	110120205014	MOHAMED ARMAS	II
15	110120205015	MOHAMED ATHIF HUSSAIN. S	II
16	110120205016	MOHAMED FARDEEN KHAN.J	II
17	110120205017	MOHAMEDKASIM.M	II
18	110120205018	MOHAMMED AFFAN N	II
19	110120205019	MOHAMMED AKIF ZAID S J	II
20	110120205020	S. MOHAMMED SABEEL	II
21	110120205021	PRIYADHARSHINI R	II
22	110120205022	RIZWAN S	II
23	110120205024	SHAIK ALI JABROOTH W H	II
24	110120205025	SHAKEEL AHAMED K	II
25	110120205026	SHARMA	II
26	110120205027	SHEIK HASEENA S	II
27	110120205028	TAWFIQ SIRAJUDEEN	II
28	110120205301	ABDULKALAM A	II
29	110120205302	ANAND BABU M	II
30	110120205303	JAGADEESHWARAN E	II
31	110120205305	MOHAMED FAZEERDEEN M	II
32	110120205306	MOHAMED IMRAN G	II
33	110120205307	MUJAHITHUL ISLAM G	II
34	110120205308	MUSHRAF ALI T	II
35	110120205309	SWETHA M	II
36	110120205310	SYED NIJAMUDEEN S	II
37	110120205311	SYED RASHOOL S	II

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38	110120205312	VISALI S	II
39	110120205701	JAGALAKSHMI M	II
40	110119205001	ABDUL AKEEB M	III
41	110119205002	ABDULLAH S	III
42	110119205003	ABDUL RAHMAN K	III
43	110119205004	ABDUL WAJID A K	III
44	110119205006	ABDUS SHAKOOR H H	III
45	110119205007	ABILESH A	III
46	110119205008	AFRAH J	III
47	110119205009	AFRAH FATHIN F N	III
48	110119205010	AHAMED JAASIR H	III
49	110119205011	ARAVIND A	III
50	110119205012	ASHIKA NOORIYA M	III
51	110119205013	AZ HAR AYYASH A	III
52	110119205014	BASHEER AHAMED ZUBAIR V A	III
53	110119205015	FARHEEN OMAR	III
54	110119205016	GOKUL AR	III
55	110119205017	HASWATH R	III
56	110119205018	IMBRESH KANNA M	III
57	110119205019	JAIGANESH S	III
58	110119205020	MOHAMED ARISH M R	III
59	110119205021	MOHAMED FAIZAL A	III
60	110119205022	MOHAMED HUSSAIN KANI S	III
61	110119205023	MOHAMED NAWASATH ALI M	III
62	110119205024	MOHAMED SULTHAN IBRAHIM S	III
63	110119205025	MOHAMMED FASEHIULLAH N	III
64	110119205026	MOHAMMED ISMAIL K M	III
65	110119205027	MOHAMMED ISMAIL KAFIL S	III
66	110119205028	MOHAMMED NAWFAL H	III
67	110119205030	MOHAMMED SHAFRUL MISKATH S	III
68	110119205031	MOHAMMED UMRAZ SHARIFF I	III
69	110119205032	MOHIEDDIN ABDUL QADHAR	III
70	110119205034	PRASANNA G	III
71	110119205035	RIZWANA A	III
72	110119205036	SHEIK AMANULLAH U	III
73	110119205037	SYED ALI FATHIMA A	III
74	110119205038	SYED IJAZ AHAMED Z	III
75	110119205039	SYED MOHAMED ZAHID S	III
76	110119205040	YUSRA SABA M	III
77	110119205041	ZAID HARIS F	III
78	110119205301	AALIYA FATHIMA F	III
79	110119205302	MOHAMMED THAHIR A	III

Information Technology
Aalim Muhammed Salegh
College of Engineering

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Product Development using ARDUINO – 2Days Workshop

1 message

Product Development using ARDUINO <azeesacademylabs@gmail.com >
21:17 To: IT DEPARTMENT <it@aalimec.ac.in>

06 September 2021 at

Dear HOD/IT

Thanks for the mail!! We accept your request letter regarding the workshop on "Product Development using ARDUINO".

Our mission in student's curriculum is to bridge the gap between industry and college, which can make them as an engineer rather than a graduate. We provide them an environment wherein all their ideas can be implemented.

We attach our course content below in this mail for your reference,

DAY 1	DAY 2
1. Arduino: Introduction to Open Source <ul style="list-style-type: none">• What is Open Source?• How its influencing Embedded World• Introduction to ARDUINO• Types of Arduino Boards• Wide applications 2. Arduino UNO <ul style="list-style-type: none">• Hand Shake with Arduino UNO• Developing the environment• UNO: Overview about board• Popularity & scope 3. Microcontroller: Heart of Arduino <ul style="list-style-type: none">• What is Microcontroller• Briefing Atmel Atmega328P• Atmega 328P: PIN Diagram 4. Serial Monitor <ul style="list-style-type: none">• Introduction Arduino IDE• Serial Monitor• Serial Functions()• Displaying values 5. Sensors: Starting IR <ul style="list-style-type: none">• What is IR?• Schematic design of IR• IR: working & output	6. Programming: It's Practical Time <ul style="list-style-type: none">• Introduction to Arduino software & Tools• Arduino IDE : Functions()• Arduino IDE: Header files• Developing sketch• Programming Methodology• Getting started with.. Led Blinking 7. Breadboard <ul style="list-style-type: none">• What's a Breadboard• Internal Connection• How it works• Developing Circuits 8. LED <ul style="list-style-type: none">• What is LED Stands for?• Working: Going its details 9. Creating Robot: Running Motors <ul style="list-style-type: none">• What are Motors• Different types of motors• <i>Motor Driver IC: L293D</i>• PIN Diagram• H-Bridge• Interfacing L293D with Arduino UNO• Coding

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Students actively engaged in a workshop on product development using Arduino, exploring hands-on techniques and innovative solutions

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DEPARTMENT OF INFORMATION TECHNOLOGY

TWO DAYS WORKSHOP ON PRODUCT DEVELOPMENT USING ARDUINO

(8th & 9th September 2022)

Workshop Feedback Form

Name : Haswath.R
Year / Semester : III

Please Tick

Attributes	Excellent	Very Good	Good	Average	Poor
About the Trainer		✓			
Content of workshop		✓			
Hospitality	✓				
How far the program is useful to you	✓				
Quality of support for workshop	✓				

Would you like to attend workshop similar to this (Yes/No)



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Approved by AICTE and Affiliated to Anna University









CERTIFICATE OF PARTICIPATION

This Certificate is presented to

Mr. / Ms. VISALI S II Year B.Tech IT

.....

from

Aalim Muhammed Salegh College of Engineering

.....

For participating in the Workshop titled "Product Development Using Arduino" Organized by Department of Information Technology, Aalim Muhammed Salegh College of Engineering on 8th & 9th September 2021

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