

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING IAF-AVADI, CHENNAI - 55



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Date: 11-08-2021

Added Course on "ANDROID APP DEVELOPMENT USING ANDROID STUDIO" by Mr.S.SENTHIL KUMAR, "M/s ELBOUND SYSTEMS PVT LTD", for the benefit of II year CSE Students. This Course is Scheduled from 18-08-2021 to 25-09-2021 at 4.00 P.M to 5.15 P.M for 32 Hours 4 weeks. All students must attend all classes with 75% attendance and score 50% on the Quiz.. Students who complete the course successfully will receive certificates.

HOD/CSE

HEAD

Computer Science & Engin

Computer Science & Engineering
Aalim Muhammed Salegh
College of Engineering

Copy to:-

- 1. Principal
- 2. IQAC
- 3. Resource Person: M/s Mr.S.SENTHIL KUMAR
- 4. CSE Faculty Members
- 5. II Year CSE Students WhatsApp group
- 6. HOSTEL/Transport Supervisor
- 7. Campus Manager/Campus Engineer





AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING Approved by AICTE and Affiliated to Anna University Chennal









TNEA Counselling CODE: 1101

Department of Computer Science and Engineering

organizes

Value added Course

RESOURCE PERSON
Mr.S.SENTHIL KUMAR
M/s ELBOUND
SYSTEMS PVT LTD



FROM 18-08-2021 TO 25-09-2021 "ANDROID APP
DEVELOPMENT
USING ANDROID
STUDIO"

For -II Year CSE Students

Meet link: https://meet.google.com/yrr-

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PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

TIMING:4.00 PM TO 5.15 P.M

ss.Prof.G.Sulthana Begum
HOD/CSE

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

IAF-AVADI, CHENNAI - 55





VALUE-ADDED COURSE- SUMMARY REPORT

COURSE NAME: ANDROID APP DEVELOPMENT USING ANDROID STUDIO

Date

: 18-08-2021 to 25-09-2021

Time

: 4.00 P.M to 5.15 P.M

Course Conducted Hours: 32 Hrs (4 weeks)

Mode of Conduction

: Online

Speaker

: Mr.S.SENTHIL KUMAR

Students Attended

: 76

Students Certified

: 76

Total no of Modules

: 4

Objective of the Course:

- To Understand the basics of Android development, including its operating system, architecture, and essential components like Activities and Services.
- To Learn to create user-friendly interfaces by using Android UI components, XML layouts, and responsive design techniques.
- To Explore different ways to store data in Android apps, including SharedPreferences, SQLite, and file management.
- To Gain the skills to connect your app to the internet, make network requests, and handle data using APIs and JSON.

Summary of the Course:

A total of 76 Students were Participated and got introduced with Mobile App Development using Android with Java .This course trained students to create Android applications by teaching them environment setup, user interface design, data storage techniques, and networking skills for effective app development

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Course Outcomes:

Upon successful completion of this course:

- Students will know how to set up their computers for Android development and create basic Android apps using Java.
- Students will be able to design easy-to-use and responsive layouts for their apps with various user interface elements.
- Students will learn how to save and manage data in their apps using different methods, like SharedPreferences and databases.
- Students will understand how to connect their apps to the internet, make requests for data, and work with the information they receive.

COURSE COORDINATOR

HOD/CSE

Computer Science & Engineering

Aalim Muhammed Salegh

College of Engineering

CHENNAI 600 055

The HOD,

Department of Computer Science and Engineering,

Aalim Muhammed Salegh College of Engineering,

Muthapudupet, Avadi,

Chennai- 600 055.

To

The Principal,

Aalim Muhammed Salegh College of Engineering,

Muthapudupet, Avadi,

Chennai - 600 055.

Subject: Requisition for Approval of Value-Added Course on "Android App Development using Android Studio"- Reg.

Respected Sir,

We would like to arrange a Value-Added Course on the title "Android App Development using Android Studio" for Second-year CSE students. The Course will be conducted by "Mr. S.Senthil Kumar", M/s Elbound Systems. The Value-Added Course will be conducted from 18.08.2021 to 25.09.2021. So we kindly request you to provide approval for the same.

Thanking you

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CHENNAI 600 055 Yours Faithfully

HOD/CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VALUE ADDED COURSE DETAILS

Course Name: ANDROID APP DEVELOPMENT USING ANDROID STUDIO

Date: 18-08-2021 to 25-09-2021

Week	Content	Total Hours/Week
	Module 1: Introduction to Android Development	
	 Overview of Android OS and its architecture 	
	Setting up the development environment (Android	
1	Studio)	8
	Introduction to Java for Android	
	 Understanding Android app components (Activities, 	
	Services, Broadcast Receivers, Content Providers)	
	Module 2: User Interface Design	
	• Introduction to Android UI components (Views,	
	Layouts, and Resources)	
2	 Understanding XML layout files 	8
	Creating responsive layouts using ConstraintLayout	
	and other layouts	
	 Handling user interactions (Buttons, TextInputs) 	
	Module 3: Data Storage and Persistence	
	Overview of data storage options in Android	
3	(SharedPreferences, SQLite, Room Database)	8
	Introduction to content providers	
	Working with files (internal and external storage)	
	Module 4: Networking and APIs	
	 Introduction to RESTful APIs and JSON 	
4	 Making network requests using Retrofit or Volley 	8
	 Parsing JSON data and displaying it in the app 	
	Handling network connectivity and permissions	
	Total Hours	32

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING IAF-AVADI, CHENNAI - 55

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE NAME: ANDROID APP DEVELOPMENT USING ANDROID STUDIO TIMING: 4.00 P.M TO 5.15 PM

S.No	DATE	COURSE CONTENT
1	18/08/2021	Introduction to Android Development
2	19/08/2021	Overview of Android OS and its architecture
3	23/08/2021	Setting up the development environment (Android Studio)
4	24/08/2021	Broadcast Receivers, Content Providers
5	25/08/2021	Introduction to Java for Android
6	26/08/2021	Understanding Android app components
7	27/08/2021	Introduction to Android UI components
8	31/08/2021	Views
9	01/09/2021	Layouts
10	02/09/2021	Working on Views and layouts
11	03/09/2021	Understanding XML layout files
12	06/09/2021	Working on XML layout files
13	07/09/2021	Creating responsive layouts using ConstraintLayout and other layouts
14	08/09/2021	Handling user interactions (Buttons)
15	09/09/2021	Handling user interactions (TextBox)
16	13/09/2021	Implementation of Controls and layouts
17	14/09/2021	Implementation of Controls and layouts
18	15/09/2021	Overview of data storage options in Android
19	16/09/2021	Introduction to content providers
20	17/09/2021	Working with files (internal and external storage)
21	20/09/2021	Working with internal Storage
22	21/09/2021	Working with External Storage
23	22/09/2021	Introduction to RESTful APIs and JSON
24	23/09/2021	Making network requests using Retrofit or Volley
25	24/09/2021	Parsing JSON data and displaying it in the app
26	25/09/2021	Handling network connectivity and permissions

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AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



STUDENT ATTENDANCE

Name: Android Development using Android Studio **ACADEMIC YEAR (2021-2022)** YEAR: II Course 2818/21 18/8/21 24/8/21 8 apa 21 128 5 10 7 298 39 7 Name of the Student S.No REG.NO 4 4 9 26/2 a M 110120104001 AASIM AHMED N 110120104002 ABDUL HAFEEL H. A 9 9 | 110120104003 | ABDUL HALIK H 9 110120104004 ABDUL QAYYUM HK 0 110120104005 ABDUL WADOOD M 9 9 110120104006 AEJAZ AHMED G 110120104007 AFILA THAHSEEN S. H. 110120104009 AIMAN RABIYA U 9 9 110120104010 AKASH A 110120104011 ALI JAMEEL H.F 0 110120104012 ARSHAD G a 12 110120104013 ATHIYA ZAINAB 0 0 13 110120104014 BALAJI S 110120104015 BENOGE A C 110120104016 FARNAZ SULTHANA A 110120104017 HARIHARAN S 110120104018 HAZEEM AHMAD N 110120104019 | HEMANTH S 18 110120104020 MD FAHIM S 110120104021 MEERAN NASIF K.N. MOGDOOM KHAN 110120104022 9 SAHIB M.H 110120104023 MOHAMED AAZAIN H a MOHAMED BASITH ALI 9 110120104024 9 9 011 0 110120104025 MOHAMED JAASIR A 24 MOHAMED MAHFOUZ 9 110120104026 9

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CHENNAL 600 0-4



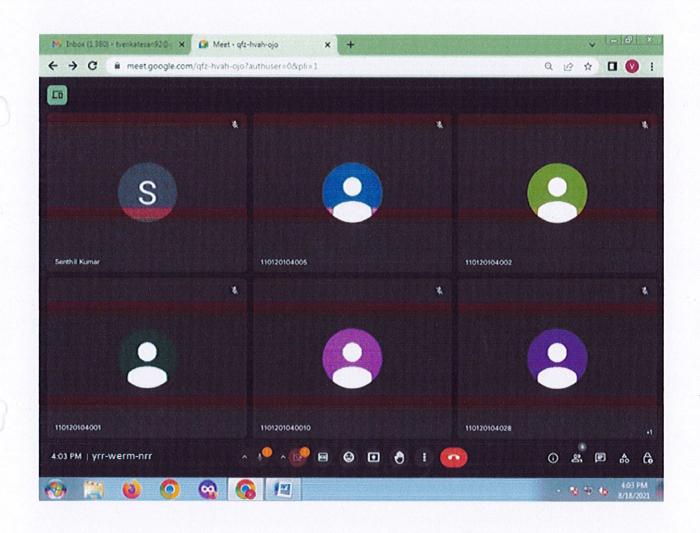
AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING AVADI – IAF, CHENNAI -55



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

COURSE NAME: ANDROID DEVELOPMENT USING ANDROID STUDIO







SI.No:23201101001

30.09.2021

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms AASIM AHMED N(Reg.No:110120104001) Department of Computer Science and Engineering at Aalim Muhammed Salegh College of Engineering, IAF Avadi has successfully completed the Value Added Course on "Android App Development using Android Studio" held from 18th August 2021 to 25th September 2021.

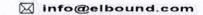
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DIRECTOR

S SENTHIL KUMAR



PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING





SI.No:23201101002

30.09.2021

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ABDUL HAFEEL H. A(Reg.No:110120104002) Department of Computer Science and Engineering at Aalim Muhammed Salegh College of Engineering, IAF Avadi has successfully completed the Value Added Course on "Android App Development using Android Studio" held from 18th August 2021 to 25th September 2021.

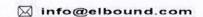
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DIRECTOR

S SENTHIL KUMAR



PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING





SI.No:23201101003

30.09.2021

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ABDUL HALIK H(Reg.No:110120104003) Department of Computer Science and Engineering at Aalim Muhammed Salegh College of Engineering, IAF Avadi has successfully completed the Value Added Course on "Android App Development using Android Studio" held from 18th August 2021 to 25th September 2021.

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DIRECTOR

S SENTHIL KUMAR

CHENNAI 800 055

PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING







SI.No:23201101004

30.09.2021

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ABDUL QAYYUM HK(Reg.No:110120104004) Department of Computer Science and Engineering at Aalim Muhammed Salegh College of Engineering, IAF Avadi has successfully completed the Value Added Course on "Android App Development using Android Studio" held from 18th August 2021 to 25th September 2021.

88.2

DIRECTOR

S SENTHIL KUMAR

CHENNAI 600 055

PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING



SI.No:23201101005

30.09.2021

CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms ABDUL WADOOD M(Reg.No:110120104005) Department of Computer Science and Engineering at Aalim Muhammed Salegh College of Engineering, IAF Avadi has successfully completed the Value Added Course on "Android App Development using Android Studio" held from 18th August 2021 to 25th September 2021.

88.2

DIRECTOR

S SENTHIL KUMAR

CHENNAI 600 055

PRINCIPAL AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

