



**AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING**  
**IAF-AVADI, CHENNAI - 55**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CIRCULAR**

**Date: 11-08-2021**

The Department of Computer Science and Engineering plans to conduct a Value 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.

*Johny*  
11/08/21

HOD/CSE  
HEAD

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



*Johny*  
PRINCIPAL  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING



**AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING**

Approved by AICTE and Affiliated to Anna University Chennai



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**

# **“ANDROID APP DEVELOPMENT USING ANDROID STUDIO”**

**For -II Year CSE  
Students**

**Meet link: <https://meet.google.com/yrr-werm-nrr>**



  
**PRINCIPAL**  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING

**FROM**  
**18-08-2021**  
**TO**  
**25-09-2021**


**TIMING:4.00 PM TO 5.15 P.M**

**Ass.Prof.G.Sulthana Begum**  
**HOD/CSE**

**Prof.Dr.Afzal Ali Baig**  
**Principal**

**Alhaj S Segu Jamaludeen**  
**Secretary & Corresponden**

Follow us on: **You Tube**

 **facebook**

Visit Us @ [www.aalimec.ac.in](http://www.aalimec.ac.in)



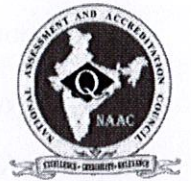
  
**PRINCIPAL**  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING



**AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING**

**IAF-AVADI, CHENNAI - 55**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**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




  
**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

## 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.

  
25/9/21  
**COURSE COORDINATOR**

  
25/9/21  
**HOD/CSE  
HEAD**  
**Computer Science & Engineering**  
**Aalim Muhammed Salegh**  
**College of Engineering**



  
**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

From

Date: 11-08-2021

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

*Permitted*  
*Jhal*  
*11/8/2021*

PRINCIPAL  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING  
AVADI - IAF, MUTHAPUDUPET  
CHENNAI 600 055



Yours Faithfully

*Jhal*  
*11/08/21*  
HOD/CSE

*Jhal*  
PRINCIPAL  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING



**AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING**  
**IAF-AVADI, CHENNAI - 55**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**VALUE ADDED COURSE DETAILS**



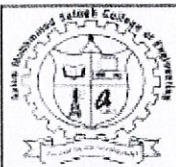
**Course Name: ANDROID APP DEVELOPMENT USING ANDROID STUDIO**

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

Week	Content	Total Hours/Week
1	<b>Module 1 : Introduction to Android Development</b> <ul style="list-style-type: none"><li>● Overview of Android OS and its architecture</li><li>● Setting up the development environment (Android Studio)</li><li>● Introduction to Java for Android</li><li>● Understanding Android app components (Activities, Services, Broadcast Receivers, Content Providers)</li></ul>	8
2	<b>Module 2: User Interface Design</b> <ul style="list-style-type: none"><li>● Introduction to Android UI components (Views, Layouts, and Resources)</li><li>● Understanding XML layout files</li><li>● Creating responsive layouts using ConstraintLayout and other layouts</li><li>● Handling user interactions (Buttons, TextInputs)</li></ul>	8
3	<b>Module 3: Data Storage and Persistence</b> <ul style="list-style-type: none"><li>● Overview of data storage options in Android (SharedPreferences, SQLite, Room Database)</li><li>● Introduction to content providers</li><li>● Working with files (internal and external storage)</li></ul>	8
4	<b>Module 4: Networking and APIs</b> <ul style="list-style-type: none"><li>● Introduction to RESTful APIs and JSON</li><li>● Making network requests using Retrofit or Volley</li><li>● Parsing JSON data and displaying it in the app</li><li>● Handling network connectivity and permissions</li></ul>	8
<b>Total Hours</b>		32



  
**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**



**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 P.M**

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

*(Handwritten signature)*



**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
STUDENT ATTENDANCE  
ACADEMIC YEAR (2021-2022)



YEAR: II

Course Name : Android Development using Android Studio

S.No	REG.NO	Name of the Student	18/8/21	19/8/21	23/8/21	24/8/21	28/8/21	26/8/21	29/8/21	31/8/21	1/9/21	2/9/21	3/9/21	6/9/21	7/9/21	8/9/21	9/9/21	13/9/21	14/9/21	15/9/21	16/9/21	17/9/21	18/9/21	20/9/21	23/9/21	24/9/21	25/9/21
1	110120104001	AASIM AHMED N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	110120104002	ABDUL HAFEEL H. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	110120104003	ABDUL HALIK H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	110120104004	ABDUL QAYYUM HK	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	110120104005	ABDUL WADOOD M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	110120104006	AEJAZ AHMED G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	110120104007	AFILA THAHSEEN S. H.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	110120104009	AIMAN RABIYA U	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	110120104010	AKASH A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	110120104011	ALI JAMEEL H.F	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	110120104012	ARSHAD G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	110120104013	ATHIYA ZAINAB	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	110120104014	BALAJI S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	110120104015	BENOGE A C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	110120104016	FARNAZ SULTHANA A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	110120104017	HARIHARAN S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	110120104018	HAZEEM AHMAD N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	110120104019	HEMANTH S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	110120104020	MD FAHIM S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	110120104021	MEERAN NASIF K.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	110120104022	MOGDOOM KHAN SAHIB M.H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	110120104023	MOHAMED AAZAIN H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	110120104024	MOHAMED BASITH ALI A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	110120104025	MOHAMED JAASIR A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	110120104026	MOHAMED MAHFOUZ S S H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



PRINCIPAL  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING









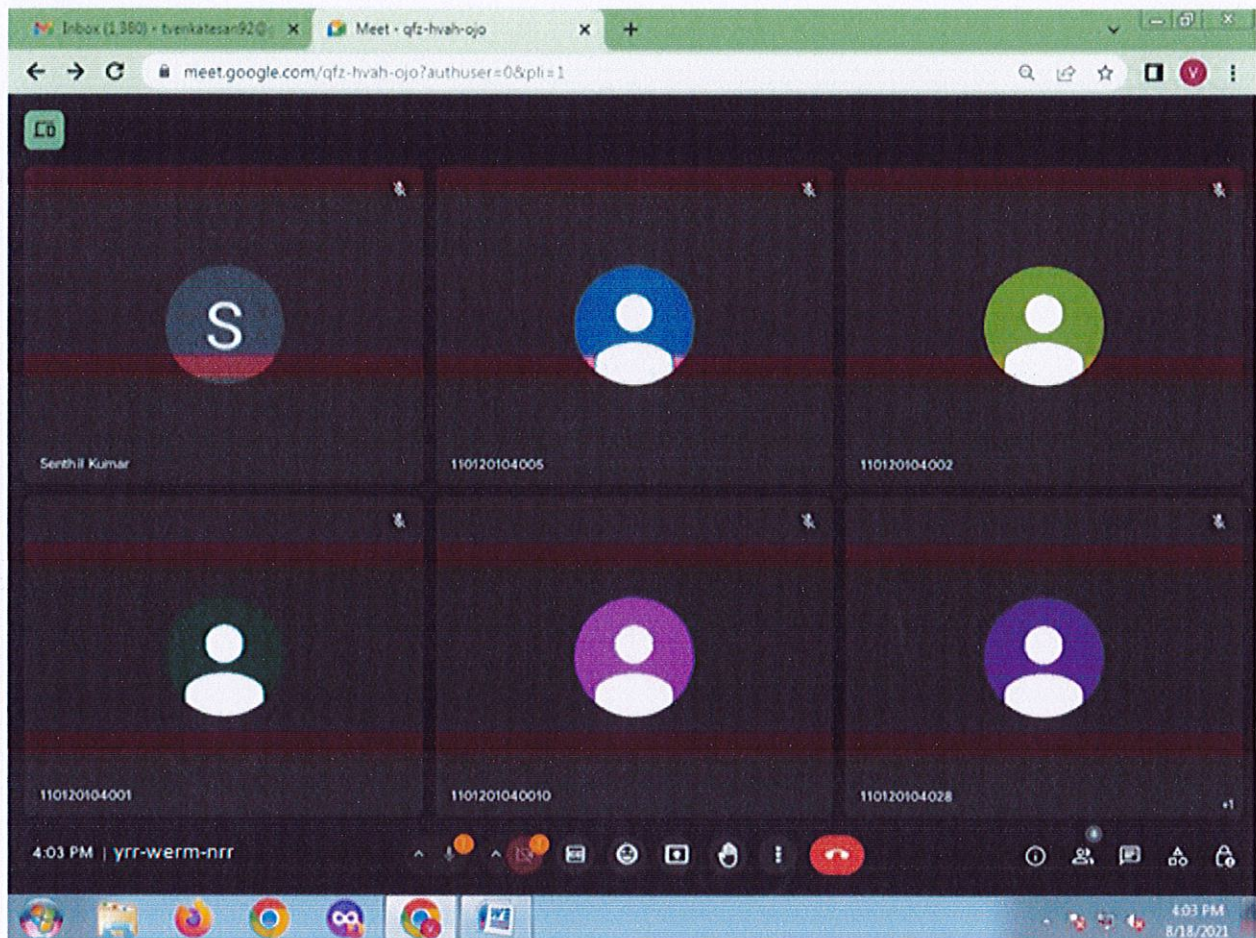
**AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING**

**AVADI – IAF, CHENNAI -55**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ACADEMIC YEAR: 2021-2022**

**COURSE NAME: ANDROID DEVELOPMENT USING ANDROID STUDIO**



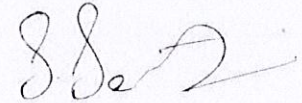
*[Handwritten Signature]*  
**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

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 18<sup>th</sup> August 2021 to 25<sup>th</sup> September 2021.



**DIRECTOR**

**S SENTHIL KUMAR**



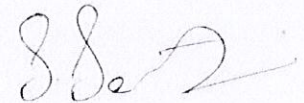
**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

SI.No:23201101002

30.09.2021

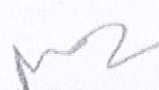
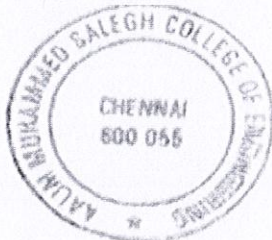
### CERTIFICATE OF COMPLETION

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 18<sup>th</sup> August 2021 to 25<sup>th</sup> September 2021.



**DIRECTOR**

**S SENTHIL KUMAR**



**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**



ELBOUND SYSTEMS PVT LTD

CIN : U74999TN2017PTC114288

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 18<sup>th</sup> August 2021 to 25<sup>th</sup> September 2021.

**DIRECTOR**

**S SENTHIL KUMAR**



**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

GST : 33AAECE5326Q1ZD

+91 7373884554, 044-48534554

✉ info@elbound.com

🌐 www.elbound.com

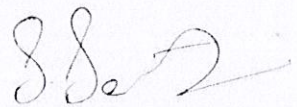
📍 NO-22, 2nd floor, South Sivan Koil st, Near best hospital road, Kodambakkam, Chennai-600024

SI.No:23201101004

30.09.2021


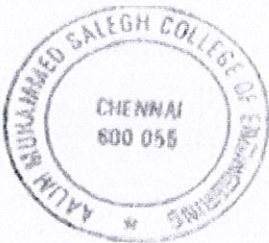
### CERTIFICATE OF COMPLETION

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 18<sup>th</sup> August 2021 to 25<sup>th</sup> September 2021.



**DIRECTOR**

**S SENTHIL KUMAR**



**PRINCIPAL**  
AALIM MUHAMMED SALEGH  
COLLEGE OF ENGINEERING



ELBOUND SYSTEMS PVT LTD

CIN : U74999TN2017PTC114288

SI.No:23201101005

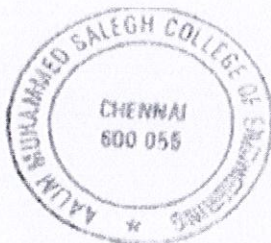
30.09.2021

### 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 18<sup>th</sup> August 2021 to 25<sup>th</sup> September 2021.

**DIRECTOR**

**S SENTHIL KUMAR**



**PRINCIPAL**  
**AALIM MUHAMMED SALEGH**  
**COLLEGE OF ENGINEERING**

GST : 33AAECE5326Q1ZD

+91 7373884554, 044-48534554

✉ info@elbound.com

🌐 www.elbound.com

📍 NO-22, 2nd floor, South Sivan Koil st, Near best hospital road, Kodambakkam, Chennai-600024