A.S. Technologies

MOBILE APP DEVELOPMENT

Learn Android development from Basic! This course covers Android , User Interface, database Connection, and deployment. Build real-world apps and master in Android Studio.

COURSE OVERVIEW

A.S. Technologies Offers 3 Months Intensive Program For Beginners As Well As Professionals...

FUTURE OF APP DEVELOPMENT

After Completing This Course You will Become a Mobile App Developer,Team Leader in Software Company

WHO CAN DO

- Students (10/12 pass)
- Job Seekers
- Freelancer

OUR FEATURES

- Fully practical training
- latest Marketing Trends
- cost-effective and scalable
- Installment facility
- 100% job Assistance

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TOPICS COVERED IN APP DEVELOPMENT

Sr. No.	Topic	Short Description
1	Intro & Setup	• Introduction to Android Development • Android Studio Projects Overview • Kotlin Plugin & Gradle Errors • Version Compatibility & Vector Drawable
2	UI & Layouts	• Layout Inflation & Main Activity • Constraint Layout & Styling Views • Buttons, Image Views & Colors • Navigation Drawer & Fragments
3	Event Handling & Logic	• OnClickListener & View IDs • Implementing Dice Roller Logic • SafeArgs & Intent Handling
4	Navigation & Data Binding	• Navigation Components & Back Stack • Implementing Up Button & Overflow Menu • Data Binding & ViewModel Implementation
5	Lifecycle & Architecture	• Activity Lifecycle & Logging • ViewModel, LiveData & MVVM • Room Database & Entity Creation

Sr. No.	Topic	Short Description
6	Data Handling	Introduces data classes, collections, null safety, and working with JSON. Covers data binding basics and using LiveData for observing data
7	RecyclerView and Custom Adapters	Shows how to display dynamic lists using RecyclerView, implement custom adapters, and handle item clicks.
8	Working with Fragments	Teaches how to use fragments for modular UI design, manage fragment transactions, and communicate between fragments and activities
9	ViewModel, LiveData, and MVVM Architecture	Explains the MVVM architecture pattern and how to use ViewModel and LiveData to separate concerns and improve testability.
10	Firebase Integration (Authentication & Database)	Covers integrating Firebase services including user authentication, real-time database, and Firestore for cloud data storage
11	Notifications and Background Tasks	Teaches how to schedule and display notifications, work with WorkManager for background tasks, and manage battery-friendly operations

Sr. No.	Topic	Short Description
13	**Publishing Apps to Google Play Store**	**Guides students through the process of signing APKs, generating release builds, and publishing the app on the Play Store.**
14	**Project**	**A guided final project where students design, develop, test, and publish a fully functional Android app using the concepts learned throughout the course**
15	**Resume Building**	**Creating Resume Portfolio Building**
16	**Interview Preparation**	**Interview Question**
17	**Mok Interview**	**Face To Face Interview**