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SMARTBTR INSTITUTE OF TECHNOLOGY INTERNATIONAL



GOSSAIGAON, KOKRAJHAR BTR ASSAM



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Course Title : Advanced Android Development Course

Course Duration: 6 months

Course Fees: INR. 9,000.

Eligibility: Graduate with Basic maths

Prerequisites: No prior programming or web development experience required.

TOPICS

1: Fundamentals of Android

2: Learning the Language (Java)

3: Android OS

4: Database connectivity (SQLite and MySQL)

5: Projects

Session-1: Fundamentals Of Android

- OOPS Concept, SQL queries, Basics of Designing, Android Basics, Installing Android Studio, Creating an Android app project, Deploying the app to an emulator and a device, Layouts, Views and Resources, Text and Scrolling views (working with TextView Elements), PHP and HTML basics.

Session-2: Learning the Language(Java)

- Classes and Object, Encapsulation, Constructors, Inheritance, Method Overriding, Polymorphism, Abstract method and classes, Interface and Packages, Exception Handling, Multitasking and Multithreading, Synchronization

Session- 3: Android OS

- Activities and Intents, Activity Lifecycle and Saving State, Activities and Implicit Intents, Debugging, Testing Your App, User Input Controls, Menus, Screen Navigation, RecyclerView, Delightful User Experience, Drawable, Themes and Styles, Material design, Supporting landscape, multiple screen sizes, AsyncTask and AsyncTaskLoader, Transferring data efficiently

Session-4: Database connectivity

- SQLite Data Types, Adding, Updating and Deleting Content using SQLite Database, Working with MySQL.

Session-5: Projects

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**Contact Us For
More Info**



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