



Android App Development

Android Development Syllabus

DURATION – 5 MONTHS

MODE OF TRAINING – OFFLINE/ONLINE



-
- **Introduction to HTML**
 - **Basic HTML Tags**
 - **Text Formatting & Styles**
 - **Lists**
 - **Links & Navigation**
 - **Images & Multimedia**
 - **Tables**
 - **Forms & Input Elements**



HTML5



- **Introduction to HTML5**
- **Semantic Elements**
- **HTML5 Forms & Input Types**
- **Audio & Video**
- **SVG (Scalable Vector Graphics)**
- **Project-1 static website**





CSS



- Introduction to CSS
- Selectors & Combinators
- Box Model
- Colors & Backgrounds
- Typography (Fonts & Text Styling)
- Lists & Tables
- CSS Positioning & Layout



Activate Windows



CSS 3



- Introduction to CSS 3
- Flexbox
- Grid Layout
- Pseudo classes and Pseudo elements
- Transitions & Animations
- CSS3 Shadows & Effects
- Media Queries & Responsive Design
- Advanced CSS Techniques
- Project-2 Responsive Website



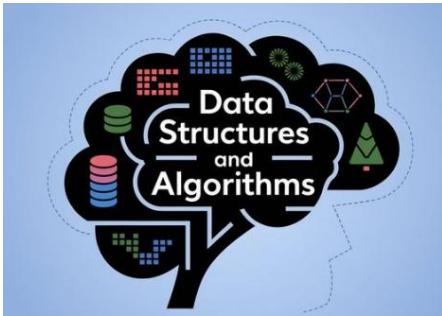


Version Control System



- Introduction to Version Control
- Getting Started with Git
- Git Workflow
- Branching in Git
- Merging and Resolving Conflicts
- Working with GitHub
- Collaboration Workflows
- Advanced Git Commands and Techniques
- Best Practices for Git and GitHub





Data Structures and Algorithms



- Time & Space Complexity
- Recursion
- Math Problem & Algorithm
- Linked List
- Stacks and Queues
- Sorting Algorithms (Bubble, Selection, Insertion, Merge, Quick)
- Searching Algorithms (Binary Search, Linear)





Core Java



- Basic of Java
- Feature of Java, JVM
- Control Statement
- Java conversion
- Methods
- Arrays
- Strings
- Exception Handling
- Class & Object
- Inheritance
- Interface & Abstraction
- Polymorphism
- File IO
- Collections



Android App Development

- Introduction to Android Development
- UI Design & User Interaction
- Activities, Intents & Fragments
- Android Components
- Data Storage & Database Management
- Networking & Web Services
- Background Tasks & Multi-threading
- User Interaction & Input Handling
- Networking & API Integration
- Advanced UI & Animations
- Security & Performance Optimization
- Testing & Debugging





SQL



- MySQL Server installation
- Introduction to Basic Database Concepts
- Introduction to SQL Server
- DDL and DML Statements
- Working with Constraints
- Working with Queries (DQL)
- Joins and Set Operations
- Implementing Views
- Working with Stored Procedures and Functions
- Cover 400+ queries

Aptitude

Quantitative Aptitude

- Average
- Percentage
- Profit and Loss
- Simple Interest
- Compound Interest
- Ratio Proportion
- Time and Work
- Time
- Speed
- Distance Number
- System
- Permutation and Combination
- Probability
- Data Interpretation

Logical Reasoning

- Blood Relation
- Direction sense
- Coding and decoding
- Clocks and Calendar
- Cubes and Dices
- Seating arrangement
- Syllogism
- Data sufficiency
- Puzzles
- Miscellaneous



Softskill



- Setting the tone
- Introduction of Be Employable
- Competency Matrix
- Effective Communication
- Presentation skills
- Business Communication
- Attitude + Motivation
- Emotional Intelligence
- Leadership
- Create CV/Resume
- Group Discussion
- Mock Group Discussion
- PI practice
- Virtual Interview
- Industry Knowhow and future, Certifications and action plan

Key Feature

- Trainer with 12+ Years of Experience
- 200 hours of high-quality course
- Best Quality Training
- Live Project Experience
- Demo Lectures are available
- In-depth Course Contents
- 100 % Placement Assistance
- Internship support



Orange Itech Offer You



INTERNSHIP





THANK YOU

**317,B wing 3rd Floor, Rajdhani Complex,
Near Shankar Maharaj Math, Pune - Satara**

**Road, Balajinagar, Pune
9975708774/9623922545**

website - <http://orangeitech.in>