

# React-Native Mobile App Development

**Duration : 6 Months**

**3 Days Free Trial**

**Price : Rs. 19999 /-**

## **Module - 1: Get Started**

1. React Native overview
2. Advantages of React Native
3. Course introduction

## **Module - 2: Pre-requisites**

1. CSS fundamentals
2. JavaScript fundamentals
3. React fundamentals

## **Module - 3: Environment Setup**

1. Setup development environments
2. Installing required tools
3. Creating a new project
4. Configuring emulators

## **Module - 4: Development Workflow**

1. React Native project structure
2. Debugging tools
3. Managing dependencies
4. Running, testing, and building apps
5. CI / CD options

## **Module - 5: Core Components**

1. Core components in React Native
2. Building and styling components
3. State management and props
4. Handling user interactions
5. Developing a user interface

## **Module - 6: Platform Specific Code**

1. Writing platform-specific code
2. Platform-specific modules / libraries
3. Platform-specific design / functionality

## **Module - 7: Styling**

1. Styling with Flexbox and CSS
2. Theming and design patterns
3. Responsive design
4. Animations and transitions

## **Module - 8: Networking**

1. Making API requests
2. RESTful APIs
3. Secure data transmission

## **Module - 9: Push Notifications**

1. Implementing push notifications
2. Firebase Cloud Messaging (FCM)
3. Handling notifications / user interactions

## **Module - 10: Interactions**

1. User interactions / gestures
2. Touch events / gestures
3. Gesture recognizers / animations

## **Module - 11: Deep Linking**

1. Deep linking for navigation
2. Handling deep links
3. Routing and navigation

## **Module - 12: Security**

1. Security best practices
2. Authentication and secure data handling
3. Secure storage and data encryption

## **Module - 13: Storage**

1. Local data storage and persistence
2. AsyncStorage and SQLite
3. Data synchronization

## **Module - 14: Testing**

1. Unit tests
2. Component and integration tests
3. Testing on real devices / simulators

## **Module - 15: Performance**

1. Optimizing app performance
2. Handling images / assets
3. Profiling / debugging performance

## **Module - 16: Publishing Apps**

1. Preparing apps for deployment
2. Generating production builds
3. App store submission guidelines

## **Module - 17: Projects**

1. To-Do List App
2. Weather App
3. E-commerce App
4. Social Media App