

React Native Lectureflow

The below given flow should be followed by each faculty while taking lectures. If the faculty decides to change the flow - he/she will need to first take permission from the Training coordinator at the HO (Ahmedabad office)

Module 1) Introduction to React Native	1
<ul style="list-style-type: none"> • Introduction to student,Career in Android,Understanding Student Login of TOPS ERP • Exam Process,Working on Project and Assignment,Using Lab,Assign Project 	
Module 1) RN - React Native Fundamentals	6
<ul style="list-style-type: none"> • HTML5,CSS3,JAVASCRIPT fundamental,(Understanding var, let and Const - JS switch, if, else, - JS loop -Javascript JSON), • ES6,Destructuring,Arrow Functions,Higher Order Functions - Map, Reduce and Filter, • Environment setup,React Fundamentals,React Native Hello world 	
Module 2) RN - React Native with UI Components	12
<ul style="list-style-type: none"> • Getting started in React,JSX,Components,Components Composition,Function components and class Components, • Hooks - Introduction - Using the State hook - Using the Effect hook -Rules of Hook - Custom Hook • Lifecycle of components,Understanding the app,React Native CLI Structure, • Flexbox and flex ,flexdirection,Styling the app , Inspecting , Handling Events & Debugging styles, • Built in components,Working with Images , Hybrid frameworks versus Native, • Scrollview, SafeAreaView, Alert Dialog,Touchable,TextInput, • Creating Views ,statusbar, TextInput , Touchable & Pressable,(Practical : Registration and login form designing),State, • (practical : set background color dynamically, hide - unhide view on button click event , find even and odd number given by user, find • fibonacci series of given number),Props :(practical :Text props, TextInputProps,Button Props,Image Props), Alert Dialog , Switch ,Modal , Picker,Slider,FlatList, Webview 	
Module 3) RN - React Native Navigation	7
<ul style="list-style-type: none"> • Stack navigator, Drawer Navigator,Bottom Tab Navigator, • Top Tab Navigator (practical : Transfer data from one screen to another , splash screen) 	
Module 4) RN - React Native OS	5
<ul style="list-style-type: none"> • Working with Music and video,Text to speech and speech to text in react native, • Phone call,Whatsapp msg , SMS , Email , Access contact List,Animation, • Working with camera,Calendar picker , Time picker ,File Picker,Working with camera 	
Module 5) RN - React Native Database	8
<ul style="list-style-type: none"> • Working with LocalDatabase,Async Storage,CRUD operations using SQLite Database, • CRUD operations using Realm Database,React Native Fetch,React Native Axios 	
Module 6) RN - React Native Advance Development	8
<ul style="list-style-type: none"> • Middleware,Integrating with Map APIs,React Native Firebase • React Native State Management,Redux,Redux principles, 	
Module 7) RN : Publishing App	2
<ul style="list-style-type: none"> • Performance,Debugging,App store submission 	