



PARTICULARS

Date: 21/09/2021

Institution Name : **Mar Gregorios College of Arts & Science**
Course Name : **Progressive Web Applications using Ionic+ Angular+ Firebase**
Course Duration : **30 Hours**
Course Fee : **2000 Rs /Student**

COURSE SCOPE

To make students aware in latest development in Android / Web Applications, which will improve their placement opportunities in Leading IT companies

COURSE AGENDA

BCA06

IONIC:

Introduction to IONIC CLI, Ionic UI Components (Buttons, Segments, Sliders, Progressbar, Item, List, Ionic Native Library).

Angular:

Introduction to Single Page Web Applications, Angular Project Structure, module vs components, generating pages, service, Dependency Injection, Input, Output Even Emitters, Event binding, string interpolation, Two way Binding, ngModel, ngIf, ngFor, Directives, Popup Modal, Alert controller, Promises, Observables. Introduction to Cordova Plugin, Building APK.

Firebase:

Introduction to server less, No SQL cloud architecture, Firebase Project configuration, Generating API Key, Interfacing Firebase with Angular, Create, Read, Update and Delete Collections. Querying Collections.

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