

Hybrid Framework Syllabus (IONIC-3)	
Session 1: Introduction to Hybrid Framework Part 1	
✓ Current mobile Applications Wave in world	✓ Platforms, Frameworks & Tools
✓ Hybrid frameworks, web technologies, web APIs (backend)	✓ The stack – HTML5/CSS3/AngularJS/Cordova
Session 2: Introduction to Hybrid Framework Part 2	
✓ Introduction to Node JS	✓ Ionic – AngularJS and native-like
✓ Cordova	✓ Demos
Session 3: The Basics Part 1	
✓ Introduction to HTML5/CSS3/JS	✓ JS Basics
✓ JS Frameworks	✓ AngularJS Intro
Session 4: The Basics Part 2	
✓ Why Ionic Framework?	✓ Ionic 3
✓ NodeJS & NPM	
Session 5: Angular JS Part 1	
✓ Data Binding & Filters	✓ Module
✓ Controller	✓ Views
Session 6: Angular JS Part 2	
✓ Directives	✓ Services
✓ Routing	
Session 7: Ionic- Getting Started Part 1	
✓ Installing the tools	✓ Installing required npm packages
✓ Understanding the Ionic CLI	✓ Platform and SDK – Android / iOS
✓ Starting a fresh project	
Session 8: Ionic- Getting Started Part 2	
✓ Running the project	✓ Viewing App with Browser
✓ Viewing on Android Emulator	✓ Viewing on iPhone Emulator
Session 9: Ionic – ToDo App	
✓ Project Structure	✓ Application Logic
✓ Screen Templates	✓ Ionic components
✓ Navigation Stack	✓ Summary
Session 10: Real Application – Online Exam Monitoring Enterprise App	
✓ Application structure and screens	✓ Integrating the screens
✓ Ionic components	✓ Component customization
✓ Working with Web APIs	
Session 11: Integrating Device Features – Go Places App Part 1	
✓ Cordova CLI	✓ ngCordova / Ionic native
✓ Device console	✓ Adding Camera plugin
✓ Image capture and upload	
Session 12: Integrating Device Features – Go Places App Part 2	
✓ Geolocation	✓ Putting the Go Places App together
✓ Configuring config.xml, icons, splash screens	✓ Customizing Ionic App
✓ Building Apps To Deploy on Real Devices	
Session 13: Publishing App on Google Play Store	
✓ Creating release builds	✓ Signing the app
✓ Releasing on playstore	