

SYLLABUS

FLUTTER APP DEVELOPMENT

MODULE I : DART PROGRAMMING

1. Introduction to DART programming
2. Integrated development environment (IDE)
3. Running a simple DART program
4. DART Syntax
5. DART data types
6. DART variables
7. DART operators
8. DART loops
9. DART decision making statements
10. DART enumerations
11. DART functions
12. DART classes
13. DART objects
14. DART collections
15. DART async
16. DART exceptions
17. DART packages
18. DART libraries
19. DART debugging

MODULE II : FLUTTER

1. Flutter introduction
2. Flutter Architecture
3. Flutter installation (IDE : Android studio)
4. Building app from scratch
5. Running flutter app
6. Flutter widgets
7. Flutter state management
8. Flutter animation
9. Flutter layouts
10. Flutter gestures
11. Flutter Packages
12. Introduction to API 's
13. Firebase

MODULE III : FLUTTER DATABASE CONNECTIVITY

1. What is Database?
2. Databases Supporting Flutter Applications
3. Linking Flutter App with Database
4. Retrieving Data from Database