

Training Syllabus (Flutter)

Lecture wise

Foundation of 'C'

L.N.	Contents	Hours
1	1) Introduction of programming 2) Translator 3) Introduction of 'C' 4) History of 'C' 5) C tokens <ol style="list-style-type: none"> a. Keywords b. Identifiers c. Variables/Constant d. Data types e. Operators f. Function g. Header Files 	2
2	1) Decision making statements <ol style="list-style-type: none"> a. If <ol style="list-style-type: none"> i. Simple if ii. Else if iii. Nested if iv. Else if ladder b. Switch case c. Goto 2) Looping statements / Iterative statements <ol style="list-style-type: none"> a. While loop b. For loop c. Do while loop 	2
3	1) Array <ol style="list-style-type: none"> a. Single Dimensional Arrays b. Double Dimensional Arrays 2) String <ol style="list-style-type: none"> a. String Handling b. String Function 	2

4	<ol style="list-style-type: none"> 1) Function <ol style="list-style-type: none"> a. Built in/Library Functions b. User Define Functions <ol style="list-style-type: none"> i. Declaring a function ii. Defining a function <ol style="list-style-type: none"> 1. No Return, No Parameter 2. Return, No Parameter 3. No Return, Parameter 4. Return, Parameter iii. Calling a function 	2
5	<ol style="list-style-type: none"> 1) Recursion 2) Type Casting 3) Scope of variable <ol style="list-style-type: none"> a. Local variable b. Global variable 4) Storage Classes <ol style="list-style-type: none"> a. Automatic b. Register c. Static d. External 	2
6	<ol style="list-style-type: none"> 1) Preprocessors <ol style="list-style-type: none"> a. File inclusion (#include) b. Macro Expansion (#define) 2) Header files <ol style="list-style-type: none"> a. Built in/Library header Files b. User Define header file <ol style="list-style-type: none"> i. Creating user define header file ii. Using user define header file 	2
7	<ol style="list-style-type: none"> 1) Problem Solving & Recovery Session 2) Test 	2

Foundation of 'DART'

L.N.	Content	Hours
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8	<ol style="list-style-type: none">1) Introduction DART2) History of DART3) Introduction to DART Features4) DART Installation5) DART First Program6) DART Keywords	2
9	<ol style="list-style-type: none">1) DART Variables2) DART Operators3) DART DATA Types4) DART Keywords	2
10	<ol style="list-style-type: none">1) Control Flow Statement2) DART If Statement3) If else statement4) Switch Case Statement5) If else-if Statement	2
11	<ol style="list-style-type: none">1) DART Loops2) DART For Loop3) DART For..in Loop4) DART While Loop5) DART do while Loop	2

12	<ol style="list-style-type: none"> 1) DART Function 2) Anonymous function 3) Main () office 4) DART Recursion 	2
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Foundation of 'Flutter'

L.N.	Content	Hours
13	<ol style="list-style-type: none"> 1) Introduction of Mobile Application With Flutter 2) Introduction Of Android IOS 3) Installation of Android Studio 4) Overview of Android Studio 5) Overview of IOS development 6) Flutter Installation 7) Flutter First Application 	2
14	<ol style="list-style-type: none"> 1) Flutter Basics 2) Flutter Widgets 3) Flutter layouts 4) Flutter gestures 5) State management 	2
15	<ol style="list-style-type: none"> 1) Flutter Scaffold 2) Flutter container 3) Flutter Row & Column 4) Flutter Text 	2

16	<ol style="list-style-type: none">1) Flutter textfeild2) Flutter Buttons3) Flutter Stack4) Flutter Forms	2
17	<ol style="list-style-type: none">1) Flutter Alert dialogue2) Flutter Icons3) Flutter Images4) Flutter Card	2
18	<ol style="list-style-type: none">1) Flutter Tabbar2) Flutter drawer3) Flutter Lists4) Flutter Grandview	2
19	<ol style="list-style-type: none">1) Flutter Toast2) Flutter checkbox3) Flutter radio button4) Flutter Progress bar	2
20	<ol style="list-style-type: none">1) Flutter Snack bar2) Flutter Tooltip3) Flutter Slider4) Flutter switch	2
21	<ol style="list-style-type: none">1) Flutter Charts	2
23	<ol style="list-style-type: none">1) Tab Layout	2
24	<ol style="list-style-type: none">1) Flutter Themes	2
25	<ol style="list-style-type: none">1) Bottom Navigation bar	2
26	<ol style="list-style-type: none">1) Themes2) Table	2

27	1) Design Form	2
28	1) Calendar 2) Animation	2
29	1) Navigation 2) Routing	2
30	1) Flutter Rest API	2
31	1) Flutter Database	2
32	1) Slider	2
33	1) Login 2) Registration	2
34	1) OTP Validation	2
35	1) Location 2) Google Map	2
36	1) Get Data from API 2) Post Data to API 3) API Example App	2
37	1) Problem Solving & Recovery Class 2) Test 3) Project Allotment 4) Divide Team & Project Coordinators	2
38-44	1) Project Development (Complete All Project Modules)	2

45	1) Project Testing & Submission	2
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