Value-AddedCourses

# Part-A:Proposal

1. Title of the Course: **ANGULAR DEVELOPER PROGRAM**
2. Duration of the Course(Hrs.): **38 Hours**
3. Date of Conduct:(DD/MM/YYYY to DD/MM/YYYY) **10/08/2022-12/11/2022**
4. Overview of the Course:
   1. Rationale
   2. Prerequisite, if any(Skills/Knowledge) :-HTML5, Cascading Style Sheets, Bootstrap Essentials, JavaScript Essentials
   3. Objective: -
5. To develop a proper understanding of Web Application Development Architecture.
6. To Create Angular components using Type Script.
7. To Develop Single Page Applications using Angular build Reusable Components.
8. To Develop Create Angular Components Using Type Script.
   1. Expected Outcome: -

**CO****1:** To study Complete Introduction to Angular.

**CO2:** To fully understand the architecture behind an Angular application and how to

Use it.

**CO3:** To use the gained, deep understanding of the mCart application and design an

Angular Application Setup.

**CO4:** To Create Components, Directives in mCart Application and do Data Binding

And use pipes in mCart Application.

**CO5:** Apply various Angular design techniques to design Angular Capstone Projects.

1. Course Delivery Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lecture No.** | **Topic** | **Reading Material/Reference** | **No. of Hours** | **Name of the Expert handling the Topic** |
| Module-1 | [Introduction to Angular](https://www.coursera.org/lecture/introduction-to-deep-learning-boulder/introduction-to-deep-learning-eX6Cv) | INFOSYSSPRINGBOARD | 0.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-2 | Angular application Setup | INFOSYSSPRINGBOARD | 1 | Khalid Hussein, Subhash Kumar Yadav |
| Module-3 | mCart application Setup | INFOSYSSPRINGBOARD | 1.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-4 | Components, Modules | INFOSYSSPRINGBOARD | 1 | Khalid Hussein, Subhash Kumar Yadav |
| Module-5 | Template, Change Detection | INFOSYSSPRINGBOARD | 2.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-6 | Structural Directives, Quiz | INFOSYSSPRINGBOARD | 4 | Khalid Hussein, Subhash Kumar Yadav |
| Module-7 | Data binding | INFOSYSSPRINGBOARD | 2 | Khalid Hussein, Subhash Kumar Yadav |
| Module-8 | Pipes | INFOSYSSPRINGBOARD | 2.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-9 | Nested Components basics | INFOSYSSPRINGBOARD | 6 | Khalid Hussein, Subhash Kumar Yadav |
| Module-10 | Forms | INFOSYSSPRINGBOARD | 2.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-11 | Services | INFOSYSSPRINGBOARD | 3 | Khalid Hussein, Subhash Kumar Yadav |
| Module-12 | Routing | INFOSYSSPRINGBOARD | 3.5 | Khalid Hussein, Subhash Kumar Yadav |
| Module-13 | Angular Testing | INFOSYSSPRINGBOARD | 4 | Khalid Hussein, Subhash Kumar Yadav |
| Module-14 | Angular Capstone Projects | INFOSYSSPRINGBOARD | 1 | Khalid Hussein, Subhash Kumar Yadav |
| Module-15 | Doubt Session and Query Handling | By Course In charge | 4 | Er. Sukhvir Kaur |