****

**Prototyping Contest-2022**

**14th to 15th October, 2022**

**Title**

VT-CSE Course Planner

# **Objective**

In order to encourage students to take an active role in their course preparation, you need to develop an interactive online e-advising application called Course Planner. As a result, students receive a visual representation of their current academic standing and future course through a more effective and engaging experience. The goal is to help students get their degrees more quickly and efficiently while also giving the department data on course demand for enrollment planning.

**Functional Requirements**

**Mandatory**

* Academic Course Catalog
  + Syllabus contents in downloadable form.
* Course Planner
  + Customizable course plan for each specialization in the departments.
  + Consider the curriculum components and credits
  + Course planner template design and implementation
  + Categorize the planner as Slow, Medium and Fast Learners.
* Online Calendars
  + Notification on the internal exams.
* GPA Calculator
  + Inbuild GPA calculator based on the course name.
  + Internally the course credit needs to be considered.
* Technology Spotlight
  + Updates on new technology
* Upcoming Events
  + Updates on the Workshop, Seminars, etc
* News and Blog
  + Blog entries

**Optional**

* Downloadable Course Map
  + Course Map generator in tabular form.
* Time Table Creator
  + Time table generator
* MooC Recommendation based on Specialization
  + Recommendation on MooC based on course completion.

***Note: Dummy Datasets may be used.***

**Application Type**

* Mobile/Web/Desktop

**Platform**

* Any

**Prototype Submission Template**

|  |  |
| --- | --- |
| Team Name |  |
| Git Hub Link |  |
| Team Leader |  |
| Details of Work division | |  |  | | --- | --- | | **Member** | **Work / Role Allotted** | |  |  | |  |  | |  |  | |  |  | |  |  | |
| High level Approach followed:  Share the details of your understanding about the project |  |