

▣ Project Synopsis: Smart Course Companion Portal

Title: Smart Course Companion Portal – Your Personal Guide to Learning & Growth

🎯 Objective

To build a comprehensive web-based platform that serves as both a virtual classroom and a personalized study companion. It empowers students to:

- Improve academic performance through structured routines
- Discover relevant courses aligned with their interests and career goals
- Track progress and gain motivation through smart tools and analytics

🌐 Overview

This portal is designed to bridge gaps between academic content delivery, personalized course guidance, and effective study management. It will incorporate adaptive learning resources, AI-driven recommendations, and productivity features that cater to different student personas—from goal-oriented achievers to exploratory learners.

🔑 Core Modules & Features

🌀 1. Student Dashboard

- Welcomes students with personalized messages and status updates
- Displays daily academic goals and study streaks
- Includes a motivation corner with inspiring quotes, tips, and Pomodoro timers

2. Course Guidance Engine

- Presents an interactive aptitude-based questionnaire
- Uses AI to suggest suitable courses (academic, career-oriented, or creative)
- Allows filtering based on goals: competitive exams, job readiness, passion pursuits

3. Virtual Classroom Space

- Hosts lecture content including videos, notes, assignments, and quizzes
- Tracks individual progress with feedback from the system
- Includes peer learning through discussion boards and group chat features

4. Routine Builder & Productivity Tools

- Drag-and-drop timetable and daily planner
- Offers routine templates based on study personality (e.g., early riser or night owl)
- Includes goal milestone tracker and daily reflection prompts

5. Resource Hub

- Curated educational links, blogs, and tools for career guidance
- Bookmarking and note-saving tools
- “Trending Now” section highlighting popular skills and courses

6. Insights & Analytics

- Visual heatmap to show study time distribution

- *AI-backed suggestions to optimize routines*
- *Celebratory badges and milestones to boost morale*

Target Users

Students from secondary to tertiary education who seek personalized guidance, academic structure, and motivation to pursue their goals effectively.