

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(AI & ML)**

Semester: IV

Year: 2025-2026

Course Title	UI/UX Design for Industry-Ready Product Development	Course Code	ADDON
Total Teaching Hours	30	Teaching + Tutorial Hours/Week	2
Internal Assessment Marks	05		
Course Plan Prepared by	Prof. Amarnath Swami	Date	02-02-2026

Course Content (Syllabus)

<p>MODULE-1 Introduction to UI/UX & Design Thinking UI vs UX, user-centere design, design thinking process, User Research & Problem Definition Personas, user journeys, empathy maps,</p>	10 Hrs
<p>MODULE-2 Wireframing & Information Architecture Low/high-fidelity wireframes, navigation layout principles Visual Design & Accessibility Color theory, typography, accessibility, responsive design</p>	10 Hrs
<p>MODULE-3 Prototyping & Developer Handoff Interactive prototypes, design systems, handoff basics Mini Project & Portfolio Case Study End-to-end UI/UX case study using Figma</p>	10 Hrs

Staff Handling: Prof. Amarnath
Industry Experts/ Alumni: Mr. Anupam