



APPLETLOGIC

TRAINING BRAIN BUILDING SOLUTIONS

UI UX

DESIGN & DEVELOPMENT SYLLABUS



OUR SERVICES



Placement Grooming Sessions

Our Placement Grooming Program prepares students for successful careers through regular training sessions focused on interview preparation, communication skills, aptitude training, and group discussions. With continuous guidance and practice, students build confidence and stay ready to excel in placement opportunities.



Assessments

Our Assessment Program helps students track their progress through regular evaluations of technical and professional skills. With continuous assessments and timely feedback, students identify areas for improvement, strengthen their knowledge, and ensure consistent growth throughout the course.



Module wise Evaluations

Our module-wise evaluation system assesses students at the end of each module to measure their understanding and learning progress. This structured approach reinforces key concepts, identifies areas for improvement, and provides timely feedback, helping students build confidence and achieve consistent progress throughout the course.



Experienced Mentors

Our experienced mentors bring strong industry knowledge and practical expertise to guide students throughout their learning journey. With personalized support and real-world insights, they help students build technical skills, solve challenges confidently, and prepare for successful careers in the IT industry.



HR & Mock Interview

Our HR & Mock Interview sessions prepare students to confidently face real recruitment processes. The program includes HR interview practice, technical mock interviews, resume review, communication enhancement, and personalized feedback to improve performance and increase placement success.



LinkedIn and Resume preparations

We provide dedicated training in LinkedIn profile building and resume preparation to help students present their skills and achievements professionally. Our guidance enables students to create impactful LinkedIn profiles and well-structured resumes that improve their visibility to recruiters and increase their chances of securing better career opportunities.



Internship Opportunity

Our Internship Program gives students practical experience by working on real-time projects under expert guidance. It helps them strengthen their technical skills, gain industry exposure, and build the confidence needed for successful career opportunities.

ABOUT COURSE

The AI Integrated UI/UX Design course is a comprehensive, industry-focused program designed to help you create intuitive, user-friendly, and visually engaging digital experiences. You'll learn the complete UI/UX design process—from user research and wireframing to prototyping, responsive interface design, and front-end implementation—while leveraging the latest AI-powered design tools to boost creativity and productivity. Throughout the course, you'll gain hands-on experience with industry-standard tools like Figma, Adobe XD, and modern AI assistants for design generation, UX research, content creation, and rapid prototyping. You'll also build responsive interfaces using HTML, CSS, Bootstrap, and JavaScript, giving you the practical skills needed to collaborate effectively with development teams. The program includes real-world projects, internship opportunities, portfolio development, and placement assistance, ensuring you graduate with job-ready skills and a professional portfolio that showcases your expertise in modern UI/UX design.

OUR MODULES - UI/UX DESIGN

MODULE **01** 02 03 04 05 06 07 08 09 10 11

Introduction to UI/UX Design

- ▶ Introduction to UI & UX
- ▶ UX Design Fundamentals
- ▶ Importance of UI/UX
- ▶ Roles & Responsibilities of UI/UX Designers
- ▶ Design Process
- ▶ Design Thinking
- ▶ Career Opportunities

AI Tools

- ▶ ChatGPT
- ▶ Figma AI
- ▶ Adobe Firefly

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UX Research & User-Centered Design

- ▶ User-Centered Design (UCD)
- ▶ User Research
- ▶ User Personas
- ▶ User Journey Maps
- ▶ Information Architecture (IA)
- ▶ User Flows
- ▶ Competitive Analysis
- ▶ Empathy Mapping

AI Tools

- ▶ ChatGPT
- ▶ FigJam AI
- ▶ Maze AI

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Wireframing, Prototyping & UX Testing

- ▶ Low-Fidelity Wireframes
- ▶ High-Fidelity Wireframes
- ▶ Interactive Prototypes
- ▶ Usability Testing
- ▶ UX Case Studies
- ▶ Design Iteration
- ▶ AI UI Design Tools

AI Tools

- ▶ Mobile App Wireframes
- ▶ Website Prototype
- ▶ User Testing Project

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UX Laws & Design Psychology

- ▶ Hick's Law
- ▶ Fitts's Law
- ▶ Jakob's Law
- ▶ Law of Proximity
- ▶ Common Region
- ▶ Zeigarnik Effect
- ▶ Serial Position Effect
- ▶ Von Restorff Effect
- ▶ Decoy Effect
- ▶ Gestalt Principles

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UI Design Fundamentals

- ▶ UI Design Principles
- ▶ Layout & Grid Systems
- ▶ Typography
- ▶ Color Theory
- ▶ Visual Hierarchy
- ▶ Icons & Illustrations
- ▶ Design Systems
- ▶ Accessibility
- ▶ Latest UI Trends

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Figma & Advanced UI Design

- ▶ Figma Interface
- ▶ Components
- ▶ Auto Layout
- ▶ Variants



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- ▶ Design Systems
- ▶ Responsive Design
- ▶ Android Material Design
- ▶ Apple Human Interface Guidelines
- ▶ Prototyping
- ▶ Interactive Components

MODULE 01 02 03 04 05 06 **07** 08 09 10 11

UI Development (HTML, CSS & Bootstrap)

- ▶ HTML5 Fundamentals
- ▶ CSS3
- ▶ Selectors
- ▶ Box Model
- ▶ Flexbox
- ▶ CSS Grid
- ▶ Positioning
- ▶ Animations
- ▶ Media Queries
- ▶ Bootstrap Components
- ▶ Bootstrap Grid System
- ▶ Responsive Web Design

MODULE 01 02 03 04 05 06 07 **08** 09 10 11

JavaScript for UI Developers

- ▶ JavaScript Fundamentals
- ▶ Variables
- ▶ Data Types
- ▶ Operators
- ▶ Conditional Statements
- ▶ Loops
- ▶ Functions
- ▶ DOM Manipulation
- ▶ Event Handling
- ▶ Basic Form Validation

AI for UI/UX Designers

- ▶ AI-Assisted UI Design
- ▶ AI Wireframe Generation
- ▶ AI Prototyping
- ▶ AI UX Research
- ▶ Prompt Engineering for Designers
- ▶ AI Image Generation
- ▶ AI Icon Generation
- ▶ AI Content Generation
- ▶ AI Design Systems

AI Tools

- ▶ Figma AI
- ▶ ChatGPT
- ▶ Adobe Firefly
- ▶ Uizard AI
- ▶ Galileo AI
- ▶ Relume AI
- ▶ Midjourney
- ▶ Claude AI

Portfolio, Branding & Design Systems

- ▶ Design Systems
- ▶ Component Libraries
- ▶ Branding Guidelines
- ▶ Portfolio Design
- ▶ Behance Portfolio

- ▶ Dribbble Portfolio
- ▶ UX Case Studies
- ▶ Resume Building
- ▶ LinkedIn Optimization

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Capstone Project & Internship

- ▶ End-to-End UI/UX Project
- ▶ Mobile App Design
- ▶ Website Design
- ▶ Responsive UI Design
- ▶ Interactive Prototype
- ▶ UI Development
- ▶ Real Client Project
- ▶ Internship
- ▶ Portfolio Review
- ▶ Mock Interviews
- ▶ Design Presentation
- ▶ Placement Assistance

Hands-on Outcomes

- ▶ Professional Mobile App UI
- ▶ Website UI Design
- ▶ Interactive Figma Prototype
- ▶ Responsive Front-End Website
- ▶ Industry-Level UX Case Study
- ▶ Real Client Project Experience
- ▶ Internship Certificate
- ▶ Professional Portfolio
- ▶ Placement Assistance

THANK YOU