



UI/UX SYLLABUS COPY

Engineered for skill enhancement.



PROGRAM HIGHLIGHTS

Accredited Certificates :

- ✓ Program approved ISO Certification

Internships :

- ✓ Industry-relevant opportunities provided-

Placement Assistance :

- ✓ Career guidance from industry experts-

Basic to Advanced Level Training :

- ✓ Learn from experienced AI professionals .

Live & Recorded Lectures :

- ✓ Flexible learning at your convenience .

Real-Time Projects :

- ✓ Hands-on minor & major projects



ABOUT US

- **OUR MISSION :**

Nxt Sync is a pioneering EdTech company committed to bridging the gap between theoretical learning and practical application. Our mission is to empower students with cutting-edge AI skills that enhance employability and prepare them for a tech-driven future.

- **OUR VISION--UPSKILL:** Empowering minds for the future.
- **INNOVATE:** Fostering creativity and breakthroughs .
- **EXCEL:** Preparing industry-ready professionals.



WHY UI/UX?

- Increasing Demand Across All Digital Platforms
- Enhances User Engagement and Satisfaction
- Crucial for Product Success & Brand Identity
- Career Opportunities in UX Research, UI Design, Prototyping & More
- Blend of Creativity, Psychology, and Technology
- High Impact in App & Web Development



LEARNING PATH

- Introduction to UI/UX Design
- User Research & Analysis
- Information Architecture & Wireframing
- Visual Design Principles & Tools
- Prototyping & User Testing
- Interaction Design & Microinteractions
- Mobile & Web Design Standards
- Design Systems & Accessibility
- Capstone Projects & Portfolio Development



DETAILED MODULE BREAKDOWN

Module 1: Introduction to UI/UX Design

- Fundamentals of UI & UX
- Human-Centered Design Thinking
- Role of UI/UX in Product Development

Module 2: User Research & Analysis

- User Personas & Journey Mapping
- Qualitative & Quantitative Research
- Competitor & Heuristic Analysis



Module 3: Information Architecture & Wireframing

- Site Maps & User Flows
- Low-Fidelity Wireframes
- Tools: Balsamiq, Whimsical

Module 4: Visual Design Principles & Tools

- Color Theory, Typography, Layout
- Branding & Design Aesthetics
- Tools: Figma, Adobe XD, Sketch

Module 5: Prototyping & User Testing

- Interactive Prototyping
- Usability Testing & Feedback Loops
- Tools: Figma, InVision, Maze



Module 6: Interaction Design & Microinteractions

- Motion & Animation in Design
- Designing for Engagement
- Tools: Principle, After Effects

Module 7: Mobile & Web Design Standards

- Responsive & Adaptive Design
- iOS vs Android Design Guidelines
- Design Handoff & Developer Collaboration

Module 8: Design Systems & Accessibility

- Creating & Maintaining Design Systems
- Inclusive Design & WCAG Standards
- Tools: Storybook, Zeroheight



Module 9: Industry Applications & Case Studies

- UI/UX in FinTech, HealthTech, E-Commerce
- Real-World Product Design Challenges
- Case Studies from Leading Companies

Module 10: Capstone Projects & Portfolio Development

- End-to-End UI/UX Design Projects
- Design Thinking Documentation
- Portfolio Creation & Review
- Interview Preparation & Mock Sessions



ASSIGNMENT'S & ASSESSMENTS

- Weekly hands-on design challenges
- Mid-term UI/UX project and presentation
- Final capstone UI/UX product design
- Live peer reviews & instructor feedback



TOOLS & FRAMEWORKS USED

UI/UX Design Tools:

Figma, Adobe XD, Sketch, InVision

Research & Testing Tools:

Hotjar, Maze, Lookback, Google Forms

Wireframing & Flow Design:

Balsamiq, Whimsical, Miro

Prototyping & Animation:

Principle, Framer, After Effects

Design Systems & Handoff:

Zeplin, Storybook, Zeroheight



RECOMMENDED READING

- **UI/UX Design:**

"Don't Make Me Think" – Steve Krug

"The Design of Everyday Things" – Don Norman

"Hooked: How to Build Habit-Forming Products" – Nir Eyal

"Lean UX" – Jeff Gothelf & Josh Seiden



WHY CHOOSE NXTSYNC?

- Industry-Aligned UI/UX Curriculum
- Hands-on Real-World Design Projects
- Expert Mentorship & Career Guidance
- Flexible Learning Schedule
- ISO-Certified UI/UX Design Training Program

Start Your Human Resources Journey with NxtSync Today!



THANK YOU

