

# UI/UX SYLLABUS COPY

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**Engineered for skill enhancement.**



# PROGRAM HIGHLIGHTS

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## **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

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- **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?

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- 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

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- 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

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## **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

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- 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**

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### **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

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- **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?

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- ☑ 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

