

UI/UX Design :- Figma & Adobe Photoshop

<u>UI UX</u>	
<u>INTRODUCTION TO UI/UX DESIGN</u>	<u>DESIGN PRINCIPLES AND FUNDAMENTALS</u>
<p>Understanding the role of UI/UX designers</p> <p>The importance of user-centered design</p> <p>User experience vs. user interface design</p> <p>Design thinking and the design process</p> <p>Ethical considerations in design</p>	<p>Layout and composition principles</p> <p>Color theory and color psychology</p> <p>Typography and font choices</p> <p>Visual hierarchy and contrast</p> <p>Gestalt principles in design</p> <p>Accessibility and inclusivity in design</p>
<u>USER RESEARCH AND ANALYSIS</u>	<u>WIREFRAMING AND PROTOTYPING</u>
<p>Conducting user interviews</p> <p>Creating user personas</p> <p>User journey mapping</p> <p>Usability testing and feedback gathering</p> <p>Competitive analysis and benchmarking</p> <p>Information architecture and content strategy</p>	<p>Introduction to wireframing and prototyping</p> <p>Sketching and paper prototyping</p> <p>Digital wireframing tools (e.g., Balsamiq, Sketch)</p> <p>Interactive prototyping with tools (e.g., Adobe XD, Figma)</p> <p>Creating low-fidelity and high-fidelity prototypes</p>
<u>USER INTERFACE (UI) DESIGN</u>	<u>INTERACTION DESIGN (IXD)</u>
<p>UI design principles and best practices</p> <p>Creating a design system and style guide</p> <p>Designing responsive and mobile interfaces</p> <p>Iconography and visual elements</p> <p>UI animation and micro-interactions</p> <p>Adaptive and accessible design</p>	<p>Principles of interaction design</p> <p>Designing user flows and navigation</p> <p>Implementing effective user feedback</p> <p>Gestures and touch interactions</p> <p>Designing for voice interfaces and AI</p> <p>User onboarding and walkthroughs</p>
<u>USABILITY TESTING AND EVALUATION</u>	<u>COLLABORATION AND COMMUNICATION</u>

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA

NEXTGEN

Computer Institute

<ul style="list-style-type: none"> Planning and conducting usability tests Usability metrics and heuristic evaluation Analyzing and interpreting usability test results Iterative design and feedback loops A/B testing and split testing User satisfaction and post-launch evaluation 	<ul style="list-style-type: none"> Working with cross-functional teams (developers, product managers) Effective communication of design concepts Presenting and justifying design decisions Version control and collaboration tools (e.g., Git, Slack) Client and stakeholder management
<u>PORTFOLIO DEVELOPMENT</u>	<u>INDUSTRY TRENDS AND EMERGING TECHNOLOGIES</u>
<ul style="list-style-type: none"> Creating a compelling portfolio Showcasing projects and case studies Resume and LinkedIn profile optimization Preparing for job interviews and design challenges Networking and job search strategies 	<ul style="list-style-type: none"> Keeping up with UI/UX design trends Emerging technologies (AR/VR, IoT) Designing for mobile apps and web applications Ethical considerations in emerging tech Continuous learning and professional growth
<u>FINAL DESIGN PROJECTS</u>	
<ul style="list-style-type: none"> Capstone project or real-world client project Applying all design principles and techniques Project presentation and documentation Peer and instructor feedback Portfolio inclusion of final project 	

FIGMA TOPICS SYLLABUS

<u>INTRODUCTION TO FIGMA</u>	<u>BASIC DESIGN TOOLS</u>
<ul style="list-style-type: none"> Overview of Figma and its importance in design 	<ul style="list-style-type: none"> Drawing shapes and lines Working with the Pen tool for custom

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA

NEXTGEN

Computer Institute

<p>Creating a Figma account and setting up a profile Navigating the Figma interface Understanding Figma's cloud-based collaboration features Differentiating between design files, prototypes, and team libraries</p>	<p>shapes Using vector editing tools Working with text layers and typography Selecting and manipulating objects</p>
ARTBOARDS AND FRAMES	COLOR AND TYPOGRAPHY
<p>Creating and managing frames and canvases Artboard organization and naming conventions Designing responsive layouts Grids and layout techniques Managing layers within frames</p>	<p>Applying color fills and strokes Managing color styles and swatches Typography and text styles Character and paragraph formatting Creating and using text styles</p>
COMPONENTS AND STYLES	PROTOTYPING AND INTERACTIONS
<p>Creating and using components Component instances and overrides Variants and component states Working with styles (text, layer, and effect) Using libraries for design consistency</p>	<p>Designing interactive prototypes Creating links and transitions between frames Interactive components and states Auto-Animate for advanced interactions Previewing and sharing prototypes</p>
COLLABORATION AND TEAMWORK	VECTOR EDITING AND ILLUSTRATION
<p>Collaborating with team members in Figma Real-time co-editing and commenting Version history and design iteration Design systems and shared libraries Figma plugins for enhanced collaboration</p>	<p>Advanced vector editing techniques Creating custom vector icons and illustrations Artistic and abstract vector design Using boolean operations for complex shapes Designing with vector brushes</p>

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
 Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA

NEXTGEN

Computer Institute

RESPONSIVE AND ADAPTIVE DESIGN	USER INTERFACE (UI) DESIGN
<ul style="list-style-type: none"> Designing for multiple screen sizes Constraints for responsive design Using layout grids and auto layout Designing for mobile apps and web responsiveness Handling responsive typography 	<ul style="list-style-type: none"> UI design principles and guidelines Designing buttons and navigation Form and input field design Creating UI components and UI kits Prototyping interactive UIs
ADVANCED TECHNIQUES AND PROJECTS	WORKFLOW OPTIMIZATION AND TIPS
<ul style="list-style-type: none"> Designing complex web and app interfaces E-commerce and dashboard design Designing for accessibility and inclusivity Real-world design projects and case studies Portfolio development and presentation 	<ul style="list-style-type: none"> Keyboard shortcuts and productivity hacks Using plugins and extensions Troubleshooting common design issues Best practices in Figma design Preparing design files for handoff and development
ADOBE PHOTOSHOP:- BASIC TOOLS OF KNOWLEDGE	
INTRODUCTION TO ADOBE PHOTOSHOP	ESSENTIAL PHOTOSHOP TOOLS
<ul style="list-style-type: none"> Overview of Adobe Photoshop Understanding the role and uses of Photoshop Introduction to the Photoshop workspace Setting up Photoshop Installation and system requirements Preferences and workspace customization 	<ul style="list-style-type: none"> Selection Tools Marquee selection tools (Rectangular and Elliptical) Lasso selection tools (Lasso, Polygonal Lasso, Magnetic Lasso) Magic Wand tool for quick selections Crop and Slice Tools Crop tool for image composition Slice tool for web design and optimization Retouching and Painting Tools

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA

NEXTGEN

Computer Institute

	<ul style="list-style-type: none"> Brush tool for painting and retouching Clone Stamp tool for duplicating parts of an image Healing Brush and Spot Healing Brush for blemish removal Text and Type Tools Adding and formatting text using the Type tool Character and Paragraph panels for text formatting Transformation Tools Move, Rotate, Scale, and Free Transform tools Perspective and Warp transformations Eyedropper and Color Sampler Tools Selecting colors from an image Sampling colors for editing and painting
<u>WORKING WITH LAYERS</u>	<u>BASIC IMAGE EDITING</u>
<ul style="list-style-type: none"> Introduction to Layers Understanding the concept of layers Layer properties and blending modes Creating and Managing Layers Creating new layers and adjustment layers Renaming and organizing layers Linking and grouping layers Layer Masks Adding and editing layer masks Using masks for non-destructive editing 	<ul style="list-style-type: none"> Cropping and Resizing Cropping images for composition Resizing images for different purposes Adjustments and Filters Basic image adjustments (brightness, contrast, saturation) Applying filters for creative effects Color Correction Color balance and color correction techniques Using the Levels and Curves adjustments
<u>SAVING AND EXPORTING</u>	<u>PRACTICAL PROJECTS AND EXERCISES</u>
<ul style="list-style-type: none"> Saving Images Saving in different formats (JPEG, PNG, PSD) Image compression and quality settings 	<ul style="list-style-type: none"> Hands-On Practice Applying the tools and techniques learned Completing guided exercises and projects

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA

NEXTGEN

Computer Institute

Exporting for Web and Print Optimizing images for web use Preparing images for print production	Critiquing and improving completed projects
--	--

NEXTGEN
computer Institute

Website: www.nextgenindore.com

Contact Number: +919752683018, +917898460275

Address: Scheme No 78 Main Road 1st Floor, Front of Union Bank,
Nearby Utsah Restaurant & Mahindra Showroom, Indore, Madhya Pradesh 452010, INDIA