NEXT-GEN WEB DESIGN AND DEVELOPMENT

Connecting The Digital Social World

ARENA ®
ANIMATION

Learn from the Leader

INDUSTRY INSIGHT

The web design and development industry is experiencing a major shift with advancements in AI-driven automation, no-code/low-code platforms, and immersive web experiences. Businesses are prioritizing fast, responsive, and user-friendly websites optimized for performance, accessibility, and SEO. Technologies like Web3, AI-powered design tools, Progressive Web Apps (PWAs), and voice/gesture-based navigation are transforming the way websites are built and interacted with. The future of web design and development lies in AI-assisted design, real-time collaboration, and seamless cross-platform experiences.
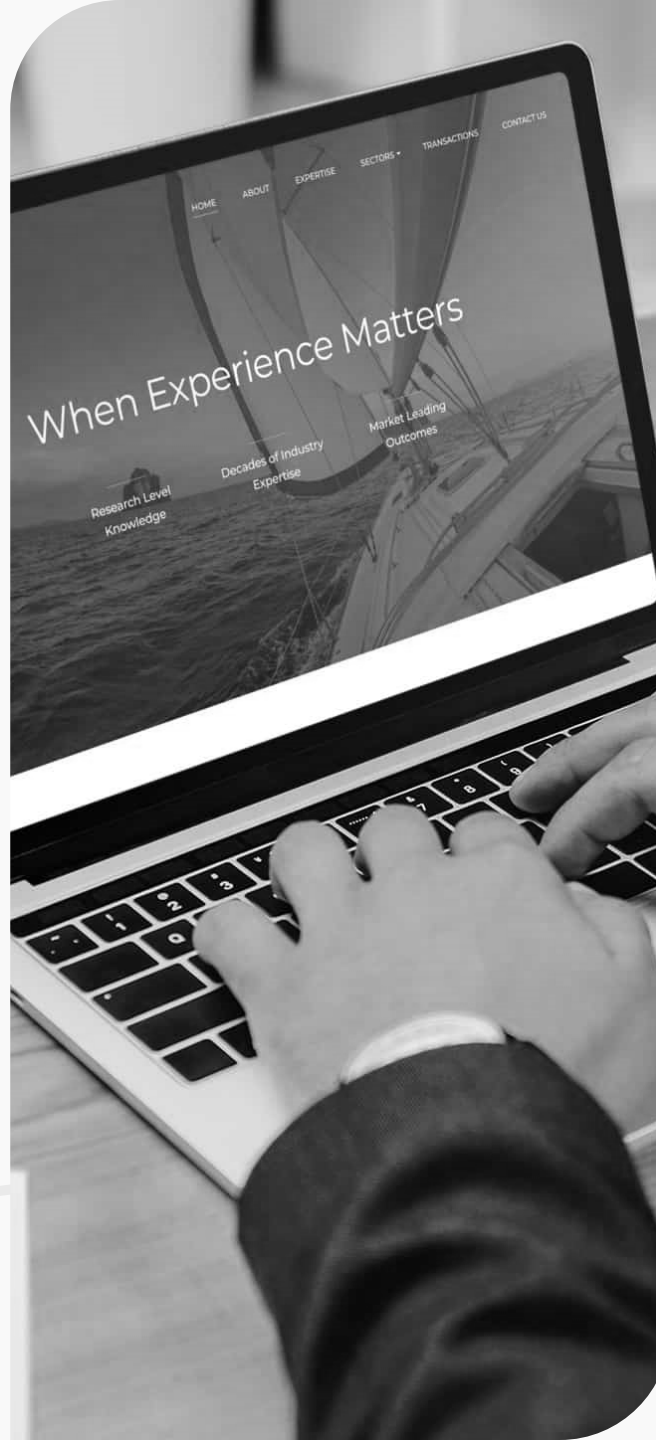
India is Poised to Become a Global Hub for Web Design & Development
The growth of India's web industry is driven by:
A Highly Skilled Workforce in UI/UX, full-stack development, and responsive design
Booming Digital Transformation across industries like e-commerce, fintech, and SaaS
Cost-Effective Development Services attracting global clients and startups
Government & Startup Ecosystem Support promoting digital businesses and innovation
Growing Demand for AI, Web3 & Cloud-Based Solutions in enterprise applications

Advantages of the Web Design & Development Industry in India
World-Class Developers & Designers working with global brands and tech giants
Cutting-Edge Technology Adoption in AI-powered web design, Web3, and PWAs
Global Outsourcing Hub for website development, SaaS, and digital marketing platforms
Strong IT & Tech Ecosystem driving innovation in AI, cybersecurity, and cloud computing
Expanding Demand Across Industries including e-commerce, fintech, healthcare, and education

ABOUT

The **Web Design & Development** program equips learners with the skills to create visually appealing, user-friendly, and high-performing websites using modern technologies. It covers essential topics such as UI/UX principles, front-end and back-end development, responsive design, and emerging trends like AI-powered automation, Web3, and Progressive Web Apps (PWAs). With hands-on experience in HTML, CSS, JavaScript, frameworks like React and Angular, and server-side technologies, students gain expertise in building dynamic, scalable web applications. This program prepares individuals for careers in web design, full-stack development, and digital product creation, meeting the growing demand for skilled professionals in the global tech industry.

COURSE HIGHLIGHT:

- Job-oriented, industry centric curriculum

- Hands-on practical training using latest tools and software

- Certified faculty

- Exposure to industry interaction and workshops

- Placement assistance

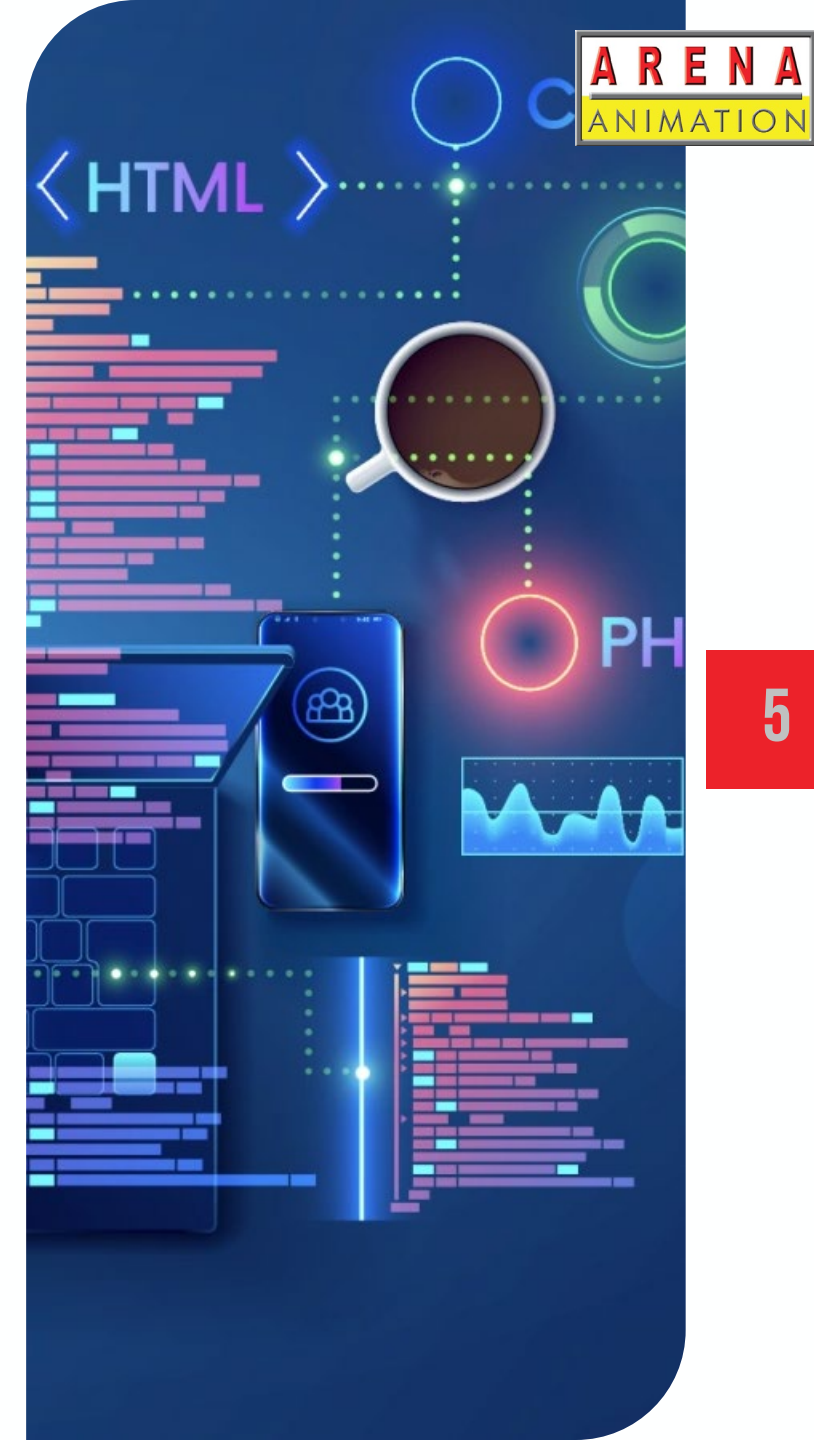- Access to **Pro Connect,** a platform to showcase your portfolio

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Course Structure

Term 2: Web Design and Development

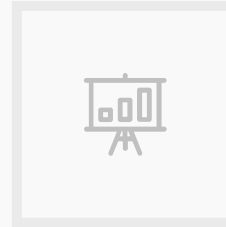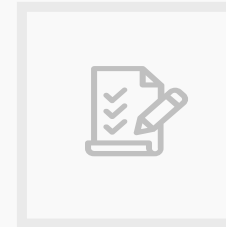| Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Interactive Prototyping with Figma	Figma	7	14	2	16	6
Gen-AI for UI and UX Design	Visify, Uizard, Figma, Firefly	2	4	2	6	4
Concepts of Web Design & Development	Theory/Conceptual	1	2	0	2	0
Foundations of Modern Web Design	HTML5 CSS3	8	16	4	20	4
Responsive Web Development with Bootstrap	Bootstrap	6	12	4	16	4
Dynamic Web Interactions	JavaScript	6	12	4	16	4
CMS & Local Web Development with WordPress and XAMPP	WordPress, XAMPP	6	12	4	16	4
Intro to SEO and Digital Marketing Concepts	AdWords, Analytics, Yoast	4	8	0	8	4
Server-side scripting with PHP	PHP and MySQL	6	12	4	16	4
Website Project	Project	2	4	12	16	4
Portfolio Powerhouse	Term-end Portfolio	1	2	2	4	20
Career Launchpad	LinkedIn, Upwork	1	2	0	2	10
Total		50	100	38	138	68

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SUMMARY

Total Hours

381 hrs

Total Terms

1

Software's Covered

Figma, Visify, Uizard, Figma, FireFly, HTML5 CSS3, Bootstrap, JavaScript, WordPress, XAMPP, Adwords, Analytics, Yoast, PHP and MySQL.

Course Code

3172-DCC-NGWDD

COURSE OUTCOME

Upon completing this course, students will master the end-to-end process of designing, developing, and deploying modern, user-centric websites. They will gain proficiency in front-end development using **HTML5, CSS3, and JavaScript** to create responsive layouts, dynamic interactions, and visually engaging interfaces. Learners will utilize frameworks like **Bootstrap** for adaptive design and integrate **CMS platforms** (e.g., WordPress) to build scalable, content-driven websites. Students will explore server-side scripting with **PHP/MySQL** for database-driven functionality and learn to optimize sites for SEO and digital marketing metrics. By leveraging AI tools for rapid UI/UX prototyping, automated design iterations, and usability testing, they will streamline workflows and enhance user experiences.

CAREER OPPORTUNITIES

- Front-End Developer

- WordPress Developer

- Web Analytics Consultant

ELIGIBILITY

Eligibility Criteria:

10th

Certification: DCC-Next-Gen Web Design and Development

Certificate Type :Certificate of Accomplishment

REASON TO BELIEVE

INDUSTRY-RELEVANT CURRICULUM

Designed with cutting-edge tools and technologies like Gen AI, ensuring students are industry-ready.

DIVERSE CAREER OPPORTUNITIES

Graduates can explore roles in Animation, VFX, Gaming, UI/UX, Graphic Design, Digital Content creation and more, offering flexibility and growth.

PRACTICAL HANDS-ON TRAINING

Real-world projects, live assignments, and immersive learning experiences bridge the gap between theory and application.

INDUSTRY EXPOSURE & PLACEMENT ASSISTANCE

Get access to workshops, mentorship from industry leaders, and placement support through our vast recruiter network.

PRO CONNECT

With a legacy of excellence, Arena Animation equips students with the skills, exposure, and expertise to thrive in the fast-evolving creative and digital industries.

BRAND ENGAGEMENT

Industry Collaboration and Expert masterclass

Regular masterclasses and guest lectures from top industry professionals across animation, VFX, gaming, and design.

Immersive Experience Booths

Presenting student work at Comic-Con, industry expos, and recruitment summits.

On Ground engagement and Events

Creative Minds events where students showcase their projects to industry leaders.

Student centric Engagements

Internships & Industry Projects – Real-world learning opportunities with top brands and studios across all courses

Campus Workshops & Walk-Ins

Hands-on training sessions for prospective students to experience the program before enrolling.

THANKS!

Reach out to us for any queries at:

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