

# Next-Gen Web Design and Development

Connecting The Digital Social World



**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.

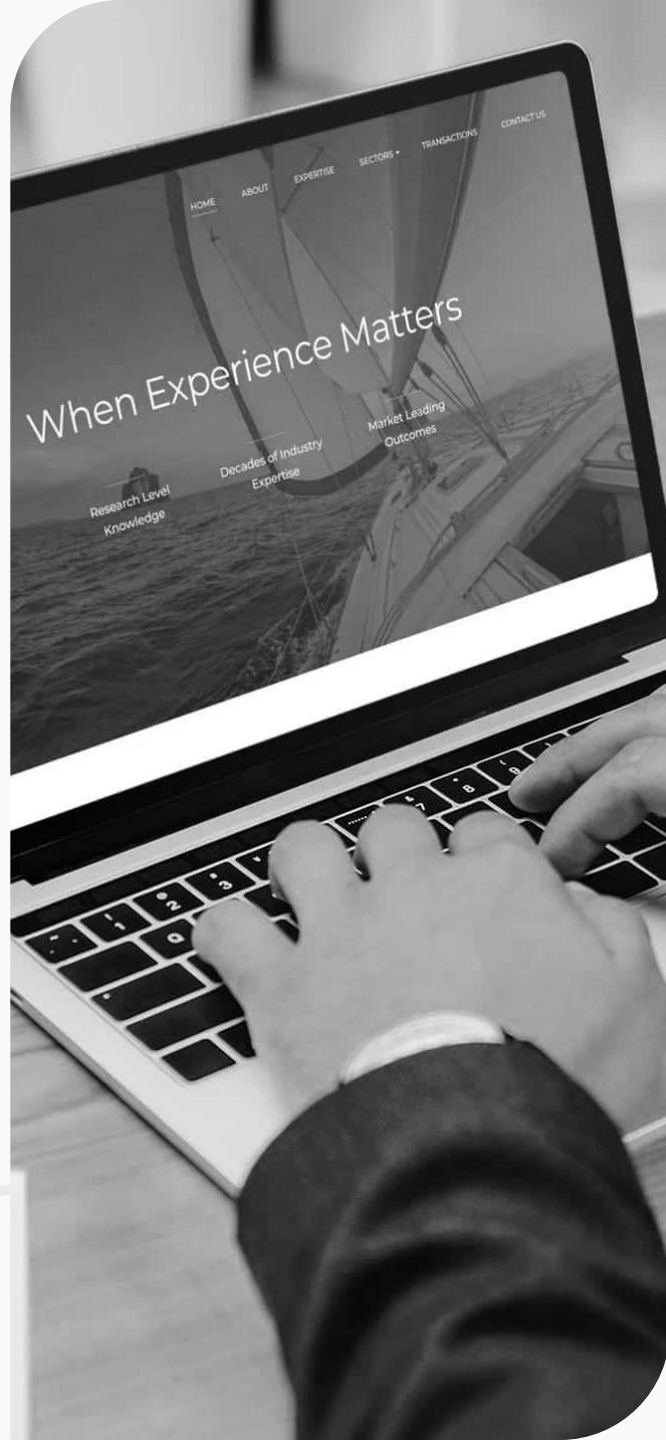
India is Poised to Become a Global Hub for Web Design & Development  
 The growth of India's web industry is driven by:  
 A Highly Skilled Workforce in UI/UX, full-stack development, and responsive design  
 Booming Digital Transformation across industries like e-commerce, fintech, and SaaS  
 Cost-Effective 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, students gain expertise in building dynamic, scalable web applications. This program prepares individuals for careers in web design, front-end development, and digital product creation, meeting the growing demand for skilled professionals in the global tech industry.



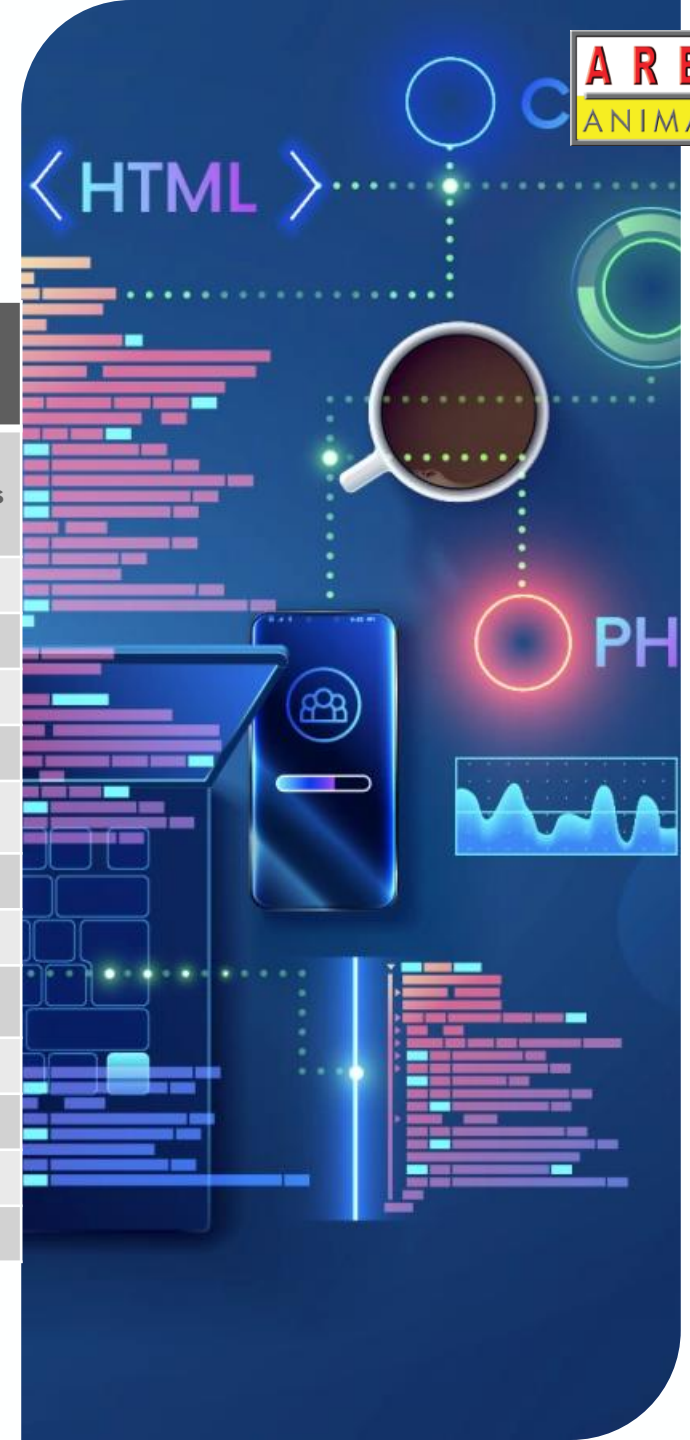
## Course Highlight:

- 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

# Course Structure

## Web Design and Development

Modules	Preferred Training Tools	Sessions	Theory Hours	Lab Hours	Total Hours	Home Assignments
Concepts of Web Design and Development	Conceptual	1	2	0	2	0
UI Design & App Screens in Figma	Figma	6	12	4	16	4
Interactive Prototyping with Figma	Figma	7	14	2	16	6
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
Website Designing with WordPress	WordPress, XAMPP	3	6	2	8	4
Intro to SEO and Digital Marketing Concepts	Conceptual	4	8	0	8	4
AI tools for UI/UX Designers	ChatGPT, Flux Playground, Coolers	2	4	2	6	4
Website Project	NA	2	4	12	16	4
Career Launchpad	LinkedIn, Upwork (freemium)	1	2	0	2	10
<b>Total</b>		<b>46</b>	<b>92</b>	<b>34</b>	<b>126</b>	<b>48</b>

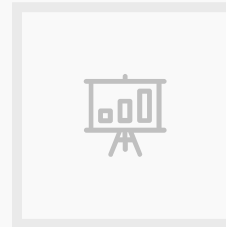


# Summary



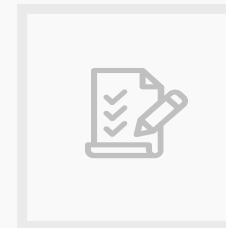
## Total Hours

126 hours



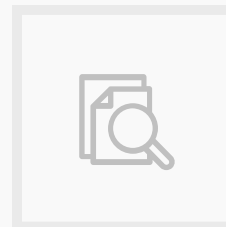
## Total Terms

1



## Software's Covered

Figma | HTML5 | CSS3 | Bootstrap | JavaScript | WordPress | XAMPP



## Course Code

RD10011-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. 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 Industry Exposure & Training

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



## 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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