Vidyabharti Trust College of Master in Computer Application (MCA, MBA & IMSc.IT), Umrakh

Approved by AICTE, New Delhi and Affiliated to GTU, Ahmedabad.

Report on Advanced Web Development using .NET

The two-day workshop on **"Advanced Web Development using .NET"** was successfully organized on **24th and 25th April 2026** for MCA 2nd semester students by Vidyabharti College of Master in Computer Application (MBA & IMSc.IT). The primary objective of the workshop was to provide students with in-depth knowledge of modern web development practices using the .NET framework, focusing on real-world application development, industry standards, and emerging technologies. The sessions were structured to combine both theoretical understanding and practical exposure, enabling students to enhance their technical competencies.







The workshop was conducted by **Dr. Mayank Jain**, Assistant Professor at Sarvajanik College of Engineering and Technology, MCA Department, Surat. Dr. Jain is an experienced academician and technical expert with significant expertise in web technologies and .NET-based development. His sessions were highly interactive and informative, offering students valuable insights into current industry trends, best coding practices, and advanced development techniques. His ability to simplify complex concepts and present them with practical demonstrations made the sessions engaging and effective.

On the first day, 24th April 2026, students from MCA Division B actively participated in the workshop. The sessions covered core concepts of advanced web development, including ASP.NET Core architecture, MVC framework, RESTful APIs, and database integration. Hands-on demonstrations and coding exercises were conducted to help students understand the implementation of these concepts in real-time applications.

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On the second day, 25th April 2026, students from MCA Division A attended the workshop. The focus shifted towards more advanced topics such as authentication and authorization, deployment strategies, performance optimization, and integration of modern front-end technologies with .NET back-end systems. Students were encouraged to participate in discussions, ask questions, and work on mini-tasks to reinforce their learning.

Overall, around 120+ students participated in the workshop across both days. The workshop proved to be highly beneficial in bridging the gap between academic curriculum and industry requirements. It enhanced students' practical knowledge and motivated them to explore advanced areas in web development. The event was well-organized and received positive feedback from participants, making it a valuable learning experience for all attendees.





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