



Department of Computer Science

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A Report On

🌀 “Role of Artificial Intelligence (AI) in Web Development” 🌀

A guest lecture on “**Role of Artificial Intelligence (AI) in Web Development**” was organized for the students to understand the importance and applications of AI in modern web technologies. The lecture provided knowledge about how AI is transforming the process of website development, design, security, and user experience.

- **Topic:** Role of AI in Web Development
- **Guest Speaker:** Dr. Kabir Kharade
- **Organization:** Department of Technology, Shivaji University
- **Date:** 24-09-2025
- **Venue:** College Auditorium
- **Participants:** B.Sc. Computer Science , BCA Students and Faculty Members

Objective of the Lecture

The main objectives of this guest lecture were:

- To introduce students to Artificial Intelligence concepts.
- To explain the use of AI in web development.
- To understand modern AI tools used in website development.

- To guide students about career opportunities in AI and Web Development.

Content of the Lecture

The guest speaker explained the following topics:

a) Introduction to AI

Artificial Intelligence is a technology that enables machines to think, learn, and make decisions like humans. AI includes Machine Learning, Deep Learning, and Natural Language Processing.

b) AI in Web Design

AI tools help developers automatically create website layouts, themes, color combinations, and responsive designs.

c) AI Chatbots

AI chatbots provide 24/7 customer support on websites. They can answer user queries, provide information, and improve user interaction.

d) Personalized User Experience

AI analyzes user behavior and shows personalized content, product recommendations, and advertisements based on user interests.

e) AI in Web Security

AI helps detect spam, malware, hacking attempts, and unusual activities on websites, improving website security.

f) AI in Testing and Debugging

AI tools can automatically test websites, detect errors, and improve website performance.

g) AI Tools for Web Development

Some popular AI tools used in web development:

- ChatGPT
- GitHub Copilot
- Wix ADI
- Bookmark AI
- Adobe Sensei

The guest lecture was very informative and useful for students. Students learned about the importance of AI in web development and how AI tools are

used to build smart websites. The session was interactive and helped students understand future career opportunities in AI and Web Development.

We express our sincere thanks to the **Guest Speaker** for delivering such an informative lecture. We are also thankful to our **Principal, Head of Department, and Faculty Members** for organizing this guest lecture.



