



CMR INSTITUTE OF TECHNOLOGY
ACADEMIC YEAR 2025-2026
VIDEO SESSION REPORT
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

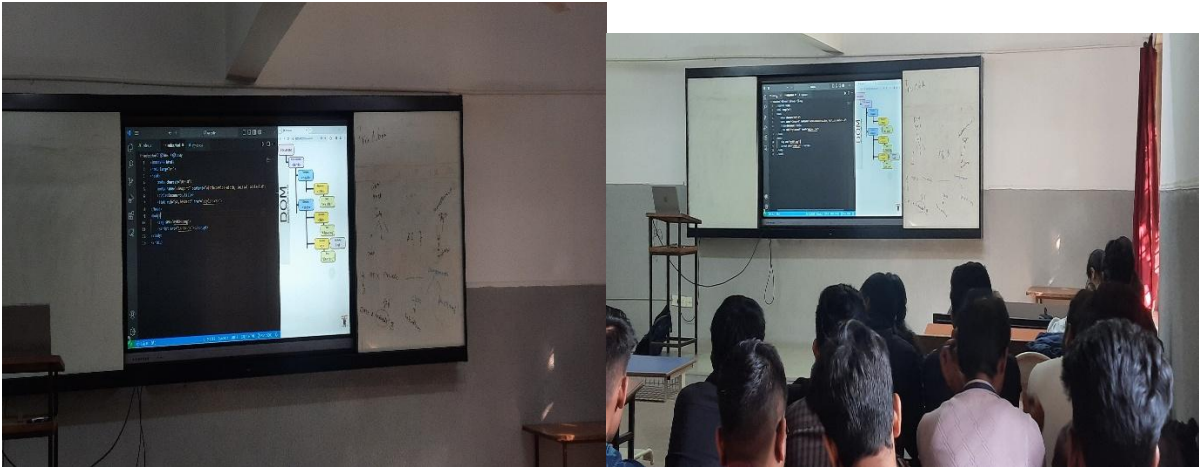
Subject code	BIS601	Course Name	Full Stack Development
Semester / Section	VI/A	Prepared By	Shilpa Mangesh Pande
Curriculum Gap Identified:	The video session demonstrates practical coding examples, industry-style use cases, and updated React concepts, helping students bridge theory and application.		

Summary of Video Classes conducted:

Sl No.	Topic	Date	Duration	Total number of students
1	Working with DOM Nodes	6/3/2026	42 MINUTES	56
2	MERN components	17/3/2026	40 MINUTES	59
3	Express JS	10/4/2026	50 MINUTES	54

Detailed Report

1	Topic: Working with DOM Nodes	Date: 6.3.2026	Duration: 50 MINUTES	Total number of students: 41
<p>Report on Video Session</p> <p>Link of the video Session https://www.youtube.com/watch?v=WjxQRfZfZnw&t=274s</p> <p>Students understood how to create, modify, and delete elements dynamically using DOM node methods, which is essential for building interactive web applications.</p>				



Conclusion:

The session was conducted on “Working with DOM Nodes” on 6/3/2026. This session provided a clear understanding of how web pages can be dynamically controlled using JavaScript. Students gained hands-on knowledge of creating, updating, and removing elements, making their applications more interactive. Overall, it strengthened their foundation in front-end development and real-time UI manipulation.

Outcome: Students are able to dynamically create, modify, and manage DOM elements to build interactive web applications. PO1, PO2, PO3, & PO12 are addressed through this video class. PO1, PO2, PO3, & PO12 are addressed through this video class.

2	Topic MERN components	Date: 17.3.2026	Duration: 55 MINUTES	Total number of students: 43
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Report on Video Session

Link of the video Session:

<https://www.youtube.com/watch?v=-42K44A1oMA&t=3150s>



-Students are able to understand and manage reusable functional components in the MERN

stack using modern React concepts like hooks. They gained practical understanding of building efficient, modular, and maintainable front-end applications.

Conclusion:

The session was conducted on “Mern Components” on 17/3/26. This session provided a strong foundation in building modern React applications using a modular approach. Students enhanced their understanding of component-based architecture and effective use of hooks for better performance and code management.

Outcome:

Students are able to build modular and efficient React applications using functional components and hooks within the MERN stack. PO1, PO2, PO3, & PO12 are addressed through this video class.

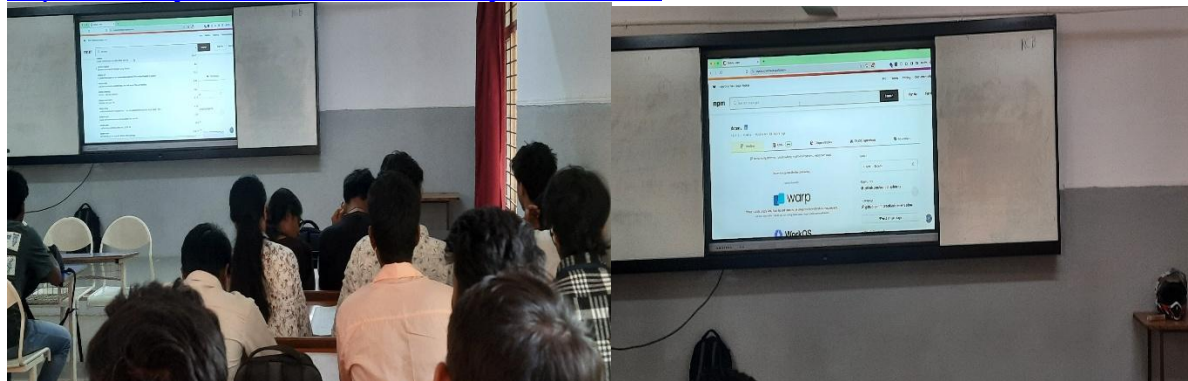
3	Topic: ExpressJS	Date: 10.4.2026	Duration: 50 MINUTES	Total number of students: 54
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Report on Video Session

Link of the video Session:

https://www.youtube.com/watch?v=BpXaVQSDo_E

<https://www.youtube.com/watch?v=dyMcr2lD5k0>



Students learned how to build a basic web server using Express.js and handle routes efficiently. They also understood middleware usage and how it helps in processing requests and responses.

Conclusion:

The session effectively introduced Express.js and its role in backend development. Students gained practical knowledge of routing, middleware, and API creation. Overall, it strengthened their foundation for building scalable web applications.

Outcome:

Students are able to create basic web servers and APIs using Express.js. They can implement routing and middleware for handling requests effectively. They are prepared to apply these concepts in real-world full stack projects. PO1, PO2, PO3, & PO12 are addressed through this video class.

