

## Event Report

**Value-added course on Full-Stack Web Development with JavaScript**  
(December 16 to 21, 2024)

### Event Information

**Event Type: Value-added course**

**Event Title: Full-Stack Web Development with JavaScript**

**Conducted by: Core Student Development Team of Software & Hardware Committee**

**Resource Person:**

☐ **Internal Experts:**

- Ms. Samundiswary S.
- Ms. Kalpana R. Bodke  
(Faculty from Information Technology, SIES GST)

☐ **Industry Expert:**

- Mr. Thevar Kanddakumaran Murugan  
(Founder, CodScripto)

**Mode of Conduction: Offline**

**Event date: December 16 to 21, 2024)**

**Organized for: All**

**Organized by: Prof. Kalpana R Bodke, Assistant Professor.**

**Attachments:**

1. Photographs (in JPEG/PNG)
2. Attendance report
3. Feedback



## Event Description

The Department of Information Technology, SIES GST, Nerul, organized a comprehensive six-day training program on **“Full-Stack Web Development with JavaScript”** from **December 16 to 21, 2024**.

The course was conducted by internal faculty experts **Ms. Samundiswary S.** and **Ms. Kalpana R. Bodke**, along with industry expert **Mr. Thevar Kanddakumaran Murugan**, Full Stack Developer at **CodScripto**. The sessions were organized by the **Core Student Development Team of the Software & Hardware Committee**.

The workshop aimed to provide in-depth knowledge of full-stack development using modern JavaScript technologies. Participants were trained on frontend and backend development with tools such as **Node.js**, **Express**, **MongoDB**, and **React**, enabling them to build and deploy fully functional web applications.

Each day included focused sessions covering:

- ✓ Setting up backend with Node.js and Express
- ✓ Implementing CRUD operations using MongoDB
- ✓ Developing frontend with React and managing component states
- ✓ Connecting frontend and backend using REST APIs
- ✓ Deploying applications using best practices and hosting platforms

Participants received hands-on training through daily lab activities and implemented individual **mini-projects** to reinforce their learning.

This skill-oriented program helped students gain practical experience and a solid foundation for careers in web development, aligning with industry standards and modern practices.



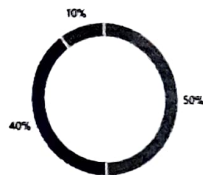
GPS Map Camera

Navi Mumbai, Maharashtra, India  
Sri Chandrasekarendra Saraswati Vidyapuram Sector-V,  
Dr D Y Patil Vidyahagar, Sector 5, Nerul, Navi Mumbai,  
Maharashtra 400706, India  
Lat 19.042723° Long 73.023038°  
11/01/25 02:51 PM GMT +05:30

Google

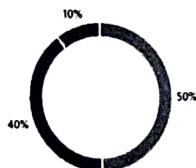
6. The workshop provided practical skills that I can apply in my work or studies.

● Strongly agree	5
● Agree	4
● Neutral	1
● Disagree	0
● Strongly disagree	0



7. The workshop format (engagement, interactivity) kept me engaged throughout the session.

● Strongly agree	5
● Agree	4
● Disagree	0
● Strongly disagree	0
● Neutral	1



8. The workshop inspired me to pursue further education or training in same subject.

● Strongly agree	4
● Agree	6
● Disagree	0
● Strongly disagree	0
● Neutral	0



9. List a few take aways from the session.

9  
Responses

Latest Responses

"Very informative session on webapp security from cyberattacks and also taught t..."

..

"Hands on practice and learnt many new topics related to web as well"

...

3 respondents (30%) answered session for this question.

Update

understanding of the basics   webapp security   Hands on practice   informative session   perfect start  
 great experience   good   basics   session   web development   experience   end backend  
 new topics   amazing session   new   backend development   basic fundamentals   basics of both frontend  
 Incredible experience



## Impact Analysis:

### ♦ **Enhanced Technical Proficiency:**

Participants gained hands-on experience in full-stack web development, improving their skills in JavaScript, Node.js, Express, MongoDB, and React. The step-by-step progression from backend setup to deployment enabled a strong conceptual and practical foundation.

### ♦ **Industry-Relevant Exposure:**

The involvement of an industry expert from CodScripto provided insights into real-world project workflows and deployment strategies, bridging the gap between academic knowledge and industrial application.

### ♦ **Project-Based Learning:**

Through mini-project implementation, students applied the concepts learned during each session, reinforcing their understanding through practical use cases and encouraging creativity and problem-solving.

### ♦ **Career Readiness:**

The course prepared students for roles in web development by covering full-stack architecture, RESTful API development, and hosting practices. Exposure to modern development tools and technologies enhanced employability.

### ♦ **Collaborative and Interactive Learning:**

Participants engaged in interactive sessions and lab-based activities that promoted peer learning, discussion, and collaboration—key attributes in professional software development environments.

### ♦ **Confidence in Application Deployment:**

By the end of the course, participants were equipped to independently build and deploy a full-stack web application, boosting confidence in their ability to deliver real-world solutions.



Coordinator



HOD