Nature of Event (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Workshop
Name of Department	Computer Science
Faculty In-Charge	Mr. Edwin D'Souza, Associate Professor, Department of Computer Science
Stratum of Event (College, State, Regional, National)	College
Title of Event	Introduction to Angular.JS
Date of Event	28th September 2024 / 2 ½ Hours
Venue	Computer Science Laboratory, St. Xavier's College
Resource Person details	Ms. Andrea Fernandes, Frontend Developer (MTS-3) at Broadcom, Bengaluru. Almunus: B.Sc. Computer Science (2010)
Objective/ Scope of Event	• Enhance technical skills: To equip participants with foundational knowledge of AngularJS, a powerful JavaScript framework for building dynamic web applications. • Foster innovation: To inspire students to explore innovative web development techniques and approaches. • Industry relevance: To align the workshop with industry standards and best practices, thereby enhancing students' employability. • Research and development: To stimulate research interest in web development technologies and their application
Particulars of Event	A seasoned Front-End Developer the resource person provided a comprehensive introduction to AngularJS. The session covered the following key topics: • Core concepts of AngularJS: A deep dive into the fundamental building blocks of AngularJS, including modules, controllers, directives, and data binding. • Component-based architecture: Understanding the modular approach to building AngularJS applications, focusing on the creation and management of reusable components. • Data binding: Exploring the two-way data binding mechanism that simplifies data synchronization

	between the model and view layers.
	- Routing and navigation: Implementing seamless navigation within AngularJS applications using the routing module. - Dependency injection: Leveraging AngularJS's dependency injection system to manage and organize application dependencies. - Testing and debugging: Best practices for writing unit and end-to-end tests, as well as effective debugging techniques.
Outcome of Event	The workshop successfully achieved its objectives by: - Skill enhancement: Participants gained a solid understanding of AngularJS concepts and practical skills to build robust web applications. - Innovation: The session sparked creativity and encouraged students to explore innovative solutions using AngularJS. - Industry relevance: The workshop aligned with industry trends and best practices, making participants more prepared for the job market. - Research and development: It fostered a research-oriented mindset, encouraging students to delve deeper into web development technologies. The workshop was well-received by the participants, who appreciated the practical demonstrations, hands-on exercises, and expert guidance provided by Ms. Andrea Fernandes. This initiative contributes to the college's commitment to providing quality education and fostering a culture of innovation and research.
Feedback	Good
Total No. of Participants	26

Photographs

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