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Guest Lecture organized by Department of Electronics and Communication Engineering

Report on Guest lecture on Web Technologies

Date of the event	27/01/2024
Title of the Event & Lecture	Guest lecture on Web Technologies
Name of the Resource Speaker	"Shri. Anil T Chacko, Manager, Capgemini
No. of Participants	104
Venue	Seminar Hall 4

The department of Electronics and Communication Engineering and Industrial IOT, organized a Guest Lecture on the topic 'Web Technologies' on 27th Januarary 2024.The event was held at Seminar Hall 4. The expert speaker was "Shri. Anil T Chacko, Manager, Capgemini " Bangalore, India. He is alumnus of MVJCE from 1994 batch. From ECE department 104 students participated in the event.

The event started with blessings of Lord Ganesha. The invocation song sung by Ms.Keerthi, 3rd semester ECE C section student.

Ms. Keerthi singing invocation song

The anchors for the program Ms.Sowmya N , 2nd year students of ECE, welcomed the guest. The event was graced by Dr. Shrinivas Gombi, Dean Academics, MVJCE, Bangalore. Ms.Usha 3rd semester ECE C section student introduced the chief guest speaker, Mr. Anil T Chacko has completed his B.E. in CSE .

Mr. Anil T Chacko addressing the gathering

He worked as Guest Lecturer at University of Kerala University from Mar 1996 - Dec 2000 .Then he worked as a Programmer at Reubro International from Jan 2021 to oct 2023.Later he worked at many organization at a different levels and capacities.

From Jan 2017 to till date, he is working as technical project manager at Capgemini, Bangalore. He has 21 years of IT Industry experience with special focus on JavaScript ,ColdBox ,TypeScript ,JSP ,User Interface Design ,jQuery ,Eclipse, Ext JS, Oracle Database , Node.js, JSON ,Postman API ,ITIL Certified, Business Analysis. The key areas of expertise include Project management and front end

development.

Dr. Shrinivas L. Gombi, shared his thoughts about guest lecture and introduced the guest as proud alumni of MVJCE. He addressed the gathering.

Dr. Shrinivas Gombi, Dean Academics, addressing the gathering

Dr. Shrinivas L. Gombi, Deans of Academics, MVJCE welcomed the industry expert with a bouquet.

Dr. Shrinivas Gombi, Dean Academics, MVJCE welcoming the guest

Mr. Anil T Chacko shared his thoughts about Web Technologies . Web technologies refer to the tools, programming languages, protocols, and frameworks that enable the development and functioning of websites and web applications.The field of web technologies is dynamic and constantly evolving. Here are some key components of web technologies:

HTML (Hypertext Markup Language): HTML is the standard markup language used to create the structure of web pages. It defines the basic building blocks of a web page, such as headings, paragraphs, links, images, and more.

CSS (Cascading Style Sheets): CSS is used for styling and layout purposes. It allows developers to control the appearance of HTML elements on a web page, including colors, fonts, spacing, and positioning.

JavaScript: JavaScript is a versatile programming language that enables interactivity on the client side. It is commonly used for building dynamic web pages and enhancing user experience. JavaScript can be used with various frameworks and libraries, such as React, Angular, or Vue.js.

Web Browsers: Browsers like Chrome, Firefox, Safari, and Edge are essential components of web technologies. They interpret HTML, CSS, and JavaScript to render web pages and execute web applications.

HTTP (Hypertext Transfer Protocol): HTTP is the protocol used for communication between web browsers and web servers. HTTPS (HTTP Secure) adds a layer of encryption to ensure secure data transfer, especially important for sensitive information like login credentials.

Web Servers: Web servers handle incoming requests from clients (browsers) and serve the requested web pages. Popular web servers include Apache, Nginx, and Microsoft IIS.

Backend Programming Languages and Frameworks: The server-side logic of web applications is often written in languages like PHP, Python, Ruby, Java, or Node.js. Frameworks like Django (Python), Ruby on Rails (Ruby), and Express.js (Node.js) provide pre-built structures and tools for developing web applications.

Databases: Web applications often rely on databases to store and retrieve data. MySQL, PostgreSQL, MongoDB, and SQLite are examples of databases commonly used in web development.

APIs (Application Programming Interfaces): APIs enable communication and data exchange between different software applications. REST (Representational State Transfer) and GraphQL are popular approaches for building APIs in web development.

Responsive Web Design: With the increasing use of various devices (desktops, tablets, smartphones), responsive web design techniques ensure that websites adapt to different screen sizes and resolutions.

Students Attentively listening to the lecture.

The outcome of this event was our students are encouraged in creating awareness in the Web Technologies applications. They are the future hopes for applying technologies for social and economic up-lift of the country.

Ms. Sowmya gave a vote of thanks in the end and concluded the enthusiastic and informative session.