Report – Expert Session for BCA and MCA Students

Title: "Kick Start with SpringBoot"

Presented by Mr. Pradip Chougale

(Thursday, 17th October, 2024 @ 10:30AM to12:30PM)

We are pleased to report the successful completion of the expert session-"Kick Start with SpringBoot" for the MCA and BCA students. The session was designed to introduce students to SpringBoot, a widely-used Java-based framework, and its relevance in modern software development..

The program commenced with a warm welcome speech delivered by Ms. Sejal Parmar – FY BCA Student, who set a positive tone for the session by introducing **Mr. Pradip Chougale** Sr. Java Developer at iVitesse, Pune.

Mr. Pradip Chougale began by providing a comprehensive overview of SpringBoot, its significance in the Java ecosystem, and why it is critical for building scalable, production-ready applications quickly. The key points covered in the session included: Clarify Objectives and Expectations - purpose of research; explain the significance of research papers in academic and professional contexts. Discuss the academic standards for originality, critical analysis, and academic integrity.

Introduction to Java:
The session began with a brief introduction to Java, outlining its importance as a widely-used, versatile programming language for building robust and scalable applications. Our expertise Mr. Pradip Chougale emphasized Java's strong presence in enterprise-level applications, especially in combination with frameworks like Spring.

What is SpringBoot:
Also he explained SpringBoot is an extension of the Spring framework designed to simplify Java application development. It provides a streamlined development experience by eliminating boilerplate code and reducing manual configurations.

Why SpringBoot:

SpringBoot offers several advantages, including auto-configuration, embedded servers, and minimal XML configuration. He highlighted how these features accelerate development, making it easier to create production-ready applications. SpringBoot's ability to seamlessly integrate with microservices and cloud-native architectures was also discussed.

Who Uses SpringBoot:

As SpringBoot is widely adopted by organizations across various industries, he provided real-world examples, such as tech giants and startups, that rely on SpringBoot to build scalable, maintainable applications. Industries like **e-commerce**, **finance**, and **cloud computing** extensively use SpringBoot for rapid application development and deployment.

Installing SpringBoot:

He provided a step-by-step guide on how to install SpringBoot starting with the use of Spring Initializer and also demonstrated how to set up a project, select dependencies and configure basic settings for a SpringBoot application.

Small Demo of SpringBoot Program:

The session included a live demonstration where Mr. Chougale walked through the creation of a simple SpringBoot application. He built a RESTful web service, showcasing annotations like @RestController and @GetMapping. The demo illustrated how easy it is to develop a working SpringBoot project with minimal configuration, reinforcing the benefits of using this framework in real-world scenarios.

The event concluded with a vote of thanks delivered by Ms. Sejal Parmar expressing gratitude to the resource person Mr. Pradip Chougale for her valuable insights SpringBoot framework and for valuable guidance from Dr. Chetan Arage - HOD Department of Computer Applications and Ms. Swati A Patil - Event Coordinator. Also, she expressed thanks towards Staff Members and Student Volunteers and all participants.

Welcome Speech - By Ms. Sejal Parmar, FYBCA Student



Felicitation Ceremony of Mr. Pradip Chougale



Students Guidance - "Kick Start with SpringBoot" by Mr. Pradip Chougale





Ms.Usha B.Bubane	Mrs. Swati A. Patil	Dr. Chetan S. Arage
Session Coordinator	**Event Coordinator**	**HOD, CA**