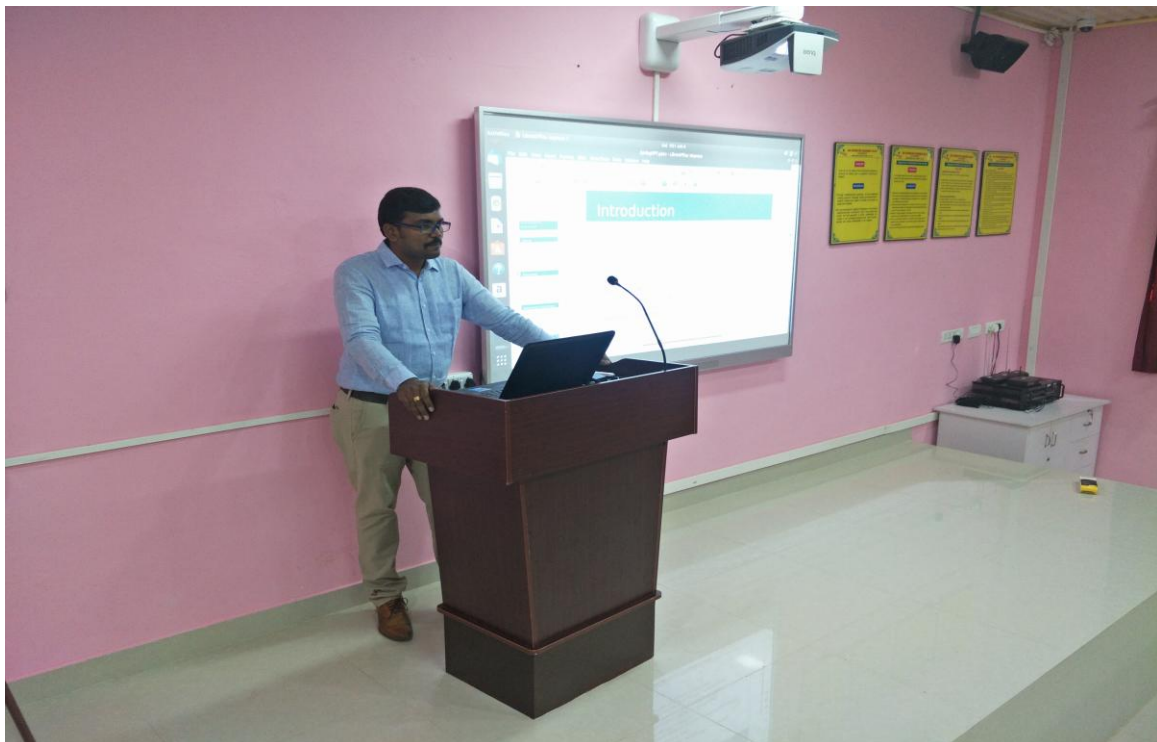## DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS ENGINEERING

An Expert Lecture on "Spring Framework"
02nd February 2019

The Department of Computer Science and Systems Engineering organized an Expert Lecture on **"Spring Framework",** by *Mr. B S Naveen Kumar,* Technology Analyst, Infosys, Bangalore, for III B. Tech CSSE students on 02nd February, 2019 (Saturday).

Mr. B. S. Naveen Kumar delivered a talk on *Spring Framework*. He explained and demonstrated how other frameworks like log4j, hibernate, jdbc can be integrated with Spring, architecture of Spring Framework and its components like Spring Core, Test, AOP, Data Integration, Web/MVC. He also demonstrated a small application written using Spring Boot Framework where the application comes with an in-built tomcat server and connects to an external database server. He illustrated how one can leverage Maven for application clean and build. He shared his knowledge and advantages of using IDEs like Eclipse, Netbeans, and Intellij in software application development.

He encouraged students to start practicing Open Source as many companies are now driven towards Open Source. Being a strong user of Linux for personal and professional business, he spoke on the advantages and ease of using Linux for the students and how it can help them in pursuing a strong and successful career.

Mr. B. S. Naveen Kumar delivering the lecture

Mr. B. S. Naveen Kumar interacting with the students

After the session, students interacted with him to get their doubts clarified regarding several technologies and practices with respect to software and career development. He recommended a few tools / technologies (like LAMP/WAMP/XAMP for PHP based development) to the students to make their major project development life easier and better.

100 students participated and gained knowledge on Spring Framework.

Outcomes of the expert lecture on "Spring Framework":

Students gained knowledge on

1. Spring Framework

2. MVC Design Pattern

3. Spring Boot Application with Embedded Tomcat