



Guest lecture on Web Technology

Topic :	Web Technologies / J2EE by Mr. Nitin Soni, Sr. Software Engineer, 7n world consulting
Date of event :	August 12, 2011
Aim of the Event	<p>RDIAS organized a Guest Lecture on Web Technologies/J2EE for the students of MCA I, III and V Semester. The session was conducted by Mr. Nitin Soni, Sr. Software Engineer, 7n world consulting.</p> <p>"Java" is a general purpose, class-based, object oriented programming language, specifically designed to have as few implementation dependencies as possible. It is a full-featured, general purpose programming language that is capable of developing robust applications. Java enables users to develop applications on the internet for servers, desktops computers and small hand-held devices. The future of computing is being influenced by the internet, and Java promises to remain a pig part of the future. Java Web Application Development has gained immense popularity among developers as well as business community.</p> <p>The importance of this lecture stems from the fact that students interested in programming and a vent for technical career will be greatly benefited from Web Technologies/J2EE.</p>

Description of the event	<p>The speaker started with the introduction of what is http Protocol, how data is transformed through http and the basic difference between http & https. He explained the architecture of J2EE. He covered technology specified in the Java Platform, Enterprise Edition, including Java Servlets, JSP, JS, Packaging, JDBC, Jndi , Ejb and Web Services. He told the students that Java 2 Enterprise Edition (J2EE) platform represents the start-of-the-art technologies for building Internet and enterprise applications. This guest lecture introduced the J2EE technologies and considered tools, techniques, frameworks and best practices to build content-rich, manageable, secure and open enterprise systems.</p> <p>The topics covered included: life cycle of servlets, .war packaging, EJB, .ear Packaging, frameworks, ORM Tools, JNDI, Coding Patterns , Testing and Debugging , emerging trends and best practice techniques and methodologies.</p> <p>The examination of J2EE Web Technologies briefly positions servlets, Java Server Pages (JSPs), Java Server Faces (JSF), JavaBeans and custom tag libraries as technologies which can be combined using design patterns such as the MVC presentation-tier pattern. Also discussed was how web applications make use of or can be used in combination with a number of related technologies such as Java DataBase Connectivity (JDBC), the Java Naming and Directory Interface (JNDI), client-side usage of EJBs and the eXtensible Markup Language (XML)</p>
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