



INFORMATION TECHNOLOGY ENGINEERING COURSE OUTCOMES

Third Year Information Technology

SEM VI

Subject Code	Subject Name	CO's
TEITC601	Software Engineering	<p>CO1. Meet the Information Technology Program Objectives of identifying and solving engineering problems</p> <p>CO2. To understand principles, concepts, methods, and techniques of the software engineering approach to producing quality software for large, complex systems.</p> <p>CO3. To function effectively as a member of a team engaged in technical work.</p> <p>CO4. To think critically about ethical and social issues in software engineering for different applications</p>
TEITC602	Distributed Systems	<p>CO1.The student gains clear understanding of fundamental principles of Distributed Systems along with design and implementation of key mechanisms, Clock Synchronization, Election Algorithms, Mutual Exclusion, Message Communication, Process and Resource Scheduling etc.</p> <p>CO2.The student understands the message communication, remote procedure call and Remote method invocation (RPC and RMI) along with group communication.</p> <p>CO3.Emphasis is on developing applications using current distributed computing technologies like EJB, CORBA and .NET.</p> <p>CO4.Student should be able to develop/design distributed system/applications for an enterprise using SOA</p>
TEITC603	System And Web Security	<p>Upon successful completion of the course the student will be able to:</p> <p>CO1 Differentiate between authentication and authorization;</p> <p>CO2 Explain the basic idea behind access control and compare the various access control policies and models.</p> <p>CO3 Explain the need for security protocols in the context of use with Internetbased applications;</p> <p>CO4 Explain the basic idea behind firewalls and intrusion detection systems and how they work;</p> <p>CO5 Explain malicious software and typical software solutions used in dealing with viruses and worms;</p> <p>CO6 Understand and explain various issues related to program security and web security.</p>
TEITC604	Data Mining and Business Intelligence	<p>On successful completion of this course students should be able:</p> <p>CO1. Demonstrate an understanding of the importance of data mining and the principles of business intelligence</p>



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		<p>CO2. Able to prepare the data needed for data mining algorithms in terms of attributes and class inputs, training, validating, and testing files.</p> <p>CO3. Implement the appropriate data mining methods like classification, clustering or association mining on large data sets.</p> <p>CO4. Define and apply metrics to measure the performance of various data mining algorithms.</p> <p>CO5. Apply BI to solve practical problems : Analyze the problem domain, use the data collected in enterprise apply the appropriate data mining technique, interpret and visualize the results and provide decision support.</p>
TEITC605	Advanced Internet Technology	<p>On successful completion of this course students should be able:</p> <p>CO1. Develop Keyword Generation, Using Google Analytics etc.</p> <p>CO2. To demonstrate Responsive Web Design.</p> <p>CO3. To demonstrate Amazon/Google or yahoo mashup.</p>