



INFORMATION TECHNOLOGY ENGINEERING COURSE OUTCOMES

Third Year Information Technology

SEM V

Subject Code	Subject Name	CO's
TEITC501	Computer Graphics and Virtual Reality	<p>CO1 Students shall have understood basic concepts of computer graphics.</p> <p>CO2 Students shall have understood algorithms to scan convert the basic geometrical primitives, transformations, Area filling, clipping.</p> <p>CO3 Students shall have understood the fundamentals of animation, Virtual reality ,the related technologies, and shall be able to describe applications of Virtual Reality.</p>
TEITC502	Operating Systems	<p>CO1.Student will learn important computer system resources and their management policies, algorithms used by operating systems.</p> <p>CO2.Student will understand what makes a computer system function and the primary PC components.</p> <p>CO3.Student will understand the working of an OS as a manager of various resources.</p> <p>CO4.Student will implement some of the functions of OS such as scheduling policies, page replacement algorithms, IPC.</p>
TEITC503	Microcontroller and Embedded Systems	<p>CO1 Ability to understand basic structure embedded systems</p> <p>CO2 Ability to understand basic structure microcontroller.</p> <p>CO3 Ability to understand basic concepts used in embedded system.</p> <p>CO4 Ability to program microcontroller.</p> <p>CO5 Ability to design conceptual embedded system.</p>
TEITC504	Advanced Database Management Systems	<p>CO1. Construct complex queries using SQL to retrieve and manipulate information in a database.</p> <p>CO2. Design and implement full-fledged real life applications integrated with database systems.</p> <p>CO3. Clearly understand how databases are actually stored and accessed; How transaction ACID properties are maintained and how a database recovers from failures.</p> <p>CO4. Apply security controls to avoid any type of security incidents on vital database systems.</p> <p>CO5. Design advanced data systems using Object based systems or Distributing databases for better resource management.</p> <p>CO6. Understand the importance of enterprise data and be able to organize data to perform analysis on the data and take strategic decisions.</p>
TEITC505	Open Source	After this course students will be able to



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	Technologies	<p>CO1. Apply knowledge of the linux shell commands for working on the linux environment.</p> <p>CO2. Apply knowledge of the linux administration commands for performing network and system security administration.</p> <p>CO3. Apply knowledge of servers to configure various servers like FTP, Web server, DNS, etc.</p> <p>CO4. Create simple apps for the Android OS.</p>
TEITC506	Business Communication and Ethics	<p>A learner will be able to</p> <p>CO1. communicate effectively in both verbal and written form and demonstrate knowledge of professional and ethical responsibilities</p> <p>CO2. Participate and succeed in Campus placements and competitive examinations like GATE, CET.</p> <p>CO3. Possess entrepreneurial approach and ability for life-long learning.</p> <p>CO4. Have education necessary for understanding the impact of engineering solutions on Society and demonstrate awareness of contemporary issues.</p>