



DEPARTMENT OF COMPUTER ENGINEERING
COURSE OUTCOMES

Year/Class/Semester: T.E. / VI

Subject Code	Subject Name	CO's
CPC601	SYSTEM PROGRAMMING AND COMPILER CONSTRUCTION	CO1 : Understand system program and application program. CO2 : Learn the basics of assembler, compiler loader and macroprocessor. CO3 : Understand different types of software tools. CO4 : Study different phases of compiler. CO5 : Implement different types of parsers. CO6 : Apply different code optimization and generation techniques on given code.
CPC602	SOFTWARE ENGINEERING	CO1 : Will get a conceptual understanding of the Software engineering, Software processing models and Metrics. CO2 : Will be able to develop an understanding of different types of Cost estimation Models and the software scheduling and Planning. CO3 : Will be able to develop and understanding of Risk management and software configuration management with version and change control. CO4 : Will be able to grasp the design of software and understand the concept of software architecture and user interface design with Software quality assurance and quality metrics. CO5 : Will be able to understand the concept of Black box, white box and oo testing. CO6 : Will be able to understand the concept of software maintenance and reverse engineering with web engineering and TDD process.
CPC603	DISTRIBUTED DATABASE	CO1 -Students get the idea of distributed database systems, issues in designing, and architectures of DDB CO2 -Students get the idea about fragmentation, allocation and various transparencies in Distributed Database design CO3 -Students get an idea of transaction management, concurrency control and various algorithms for concurrency control in distributed database. CO4 -Students will understand Deadlock detection techniques, prevention, and avoidance and recovery protocols in distributed database systems. CO5 -Students shall get acquainted with phases of distributed query processing and global query optimization algorithms. CO6 -Students get an idea of Heterogeneous database architecture and various issues in heterogeneous databases. CO7 -Students shall be able to execute Xquery on XML database file and get idea about various applications of XML in distributed database systems.
CPC604	MOBILE COMMUNICATION AND	CO1 : Understand GSM and CDMA cellular architecture CO2 : Design and configure wireless access points CO3 : Use network simulator tool to simulate mobile network. CO4 : Implement small android based application. CO5 : Understand basics of wireless local area networks



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	COMPUTING	CO6 : Solve security issues in mobile computing.
CPE6011	SOFTWARE PROJECT MANAGEMENT	CO1: Define characteristics of a project CO2: Conceptualize IT project management CO3: Study and describe risk in environment and the management challenges for effective project management. CO4: Apply the project management principles across all phases of a project CO5- Implement different phases of IT projects. CO6- Demonstrate use of tools and techniques for the management of a project plan, monitor and controlling a project schedule and budget, tracking project progress.