



DEPARTMENT OF COMPUTER ENGINEERING
COURSE OUTCOMES

Year/Class/Semester: B.E. COMP/ VII

Subject Code	Subject Name	CO's
CPC703	ARTIFICIAL INTELLIGENCE	CO1: develop a basic understanding of AI building blocks presented in intelligent agents CO2: Understand working of different types of agents and environments. CO3: Solve problems using different search strategies and reasoning and apply different learning algorithms to solve problems.. CO4: Infer and explain knowledge and reasoning in uncertain domain and different methods of learning. CO5: Develop a plan for a given search problem to design and develop the AI applications CO6: Evaluate applications of expert system and NLP
CPE7024	SOFTWARE ARCHITECTURE	CO1. Understand the architectural concepts ,importance and role of software architecture CO2. Recognize major software architectural styles, design patterns and framework CO3 Analyze Components and different types of Connectors ,their role in software architecture CO4. Understand the modeling techniques and types of analysis for a problem and selection among them CO5. Implement software architecture using different frameworks CO6. Design software architecture for non-functional and domain specific software systems
CPC701	DIGITAL SIGNAL PROCESSING	CO1: Understand the concept of Discrete time Signal and perform signal manipulation. CO2 Perform classification of DT System and will be able to understand concept of IIR and FIR System. CO3 Evaluate DFT and analyze the properties of DFT. CO4 Calculate DFT using FFT Flowgraph. CO5 Understand Fast DFT Algorithms. CO6 Understand the concept of DSP Processor and real time DSP Applications.
CPC702	CRYPTOGRAPHY AND SYSTEM SECURITY	CO1 : understand a variety of generic security threats and vulnerabilities, identify and analyze particular security problems for a given application CO2 : understand the principles and practices of basic and advanced cryptographic techniques and its classifications. CO3 : understand the various symmetric key cryptographic techniques, their design and modes of operations along with their applications. CO4 : understand the various public key cryptographic techniques, their



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		<p>design and modes of operations along with their applications.</p> <p>CO5 :distinguish between their original data and any modified or corrupted data during transmission through a network using Cryptographic hash functions.</p> <p>CO6 :understand the various publicly available authentication protocols and their real time applications.</p> <p>CO7: create an awareness among themselves about individual and organizational security while communicating within or outside a network with the help of firewalls, IDS, passwords, etc.</p> <p>CO8 : get an understanding and an awareness about the various attack vectors being used by the modern day cyber attackers and the numerous ways in which they can safeguard their systems.</p>
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