



COURSE OUTCOMES

Year/Semester: B.E/ VII

Subject Code	Subject Name	CO's
CSC701	Digital Signal & Image Processing	<p>CO1. Apply the concept of DT Signal and DT Systems.</p> <p>CO2. Classify and analyze discrete time signals and systems</p> <p>CO3. Evaluate Digital Signal Transform techniques DFT and FFT.</p> <p>CO4. Analyze the concepts of Digital Image Fundamentals and Digital Image Formats.</p> <p>CO5. Make use of the enhancement techniques for digital Image Processing</p> <p>CO6. Apply Segmentation based on Discontinuity and Differentiate between the advantages and disadvantages of different edge detection techniques</p>
CSC702	Mobile Communication & Computing	<p>CO1: Learned the concepts and principles of wireless and mobile communication and computing.</p> <p>CO2: Understood the concepts of Mobile Cellular standards like GSM, CDMA, UMTS, etc.</p> <p>CO3: Identified various technologies in mobile communication like satellites, WLAN, Bluetooth, etc.</p> <p>CO4: Learned how to set up, configure and work with wireless devices and wireless access points.</p> <p>CO5: Able to use Network Simulator to simulate wireless and mobile networks.</p> <p>CO6: Able to design various mobile applications.</p>



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CSC703	Artificial Intelligence & Soft Computing	<p>CO 1: Develop solution for an agent by understanding and applying AI and SC techniques</p> <p>CO 2: Analyze AI approaches for knowledge representation, reasoning and planning</p> <p>CO 3: Construct supervised and unsupervised ANN for real world applications.</p> <p>CO 4: Design fuzzy controller system and apply Hybrid approach for expert system design.</p>
CSDLO7031	Advanced System Security and Digital Forensics	<p>CO 1: Categorize the various cyber attacks and apply access control policies and mechanisms to prevent such attacks</p> <p>CO 2: Identify, detect and examine the various threats to the programs, Operating systems and Web applications.</p> <p>CO 3: Analyse and inspect the vulnerabilities of WiFi networks and explore the different measures to secure such networks.</p> <p>CO 4: Evaluate the various ethical and legal issues associated with cyber crime and explore the various forensic tools to acquire forensic duplicates and investigate a compromised system.</p>
CSDLO7032	Big Data Analytics	<p>CO 1: To understand the key issues in big data management and its associated applications for business decisions and strategy.</p> <p>CO 2: To develop problem solving and critical thinking skills in fundamental enabling techniques like Hadoop, Mapreduce and NoSQL in big data analytics.</p> <p>CO 3: To collect, manage, store, query and analyze various forms of Big Data.</p> <p>CO 4: To interpret business models and scientific computing paradigms, and apply software tools for big data analytics.</p> <p>CO 5: To adapt adequate perspectives of big data analytics in various applications like recommender systems, social media applications etc.</p>



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		CO6: To solve Complex real world problems in various applications like recommender systems, social media applications, health and medical systems, etc.
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