



COURSE OUTCOMES

Year/Semester: T.E/ VI

Subject Code	Subject Name	CO's
CSC601	Software Engineering	CO 1: Understand and demonstrate basic knowledge in software engineering CO 2: Identify requirements, analyze and prepare models CO 3: Plan, schedule and track the progress of the projects CO 4: Design & develop the software projects CO 5: Identify risks, manage the change to assure quality in software projects CO 6: Apply testing principles on software project and understand the maintenance concepts
CSC602	System Programming And Compiler Construction	CO1: Identify the relevance of different system programs CO2: Describe the various data structures and passes of assembler design. CO3: Identify the need for different features and designing of macros. CO4: Distinguish different loaders and linkers and their contribution in developing efficient user applications. CO5: Construct different parsers for given context free grammars CO6: Justify the need synthesis phase to produce object code optimized in terms of high execution speed and less memory usage
CSC603	Data Warehousing and Mining	CO1. Understand Data Warehouse fundamentals, Data Mining Principles CO2. Design data warehouse with dimensional modelling and apply OLAP operations. CO3. Identify appropriate data mining algorithms to solve real world problems CO4. Compare and evaluate different data mining techniques like classification, prediction, clustering and association rule mining CO5. Describe complex data types with respect to spatial and web mining.



VidyaVikas Education Trust's
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		CO6. Benefit the user experiences towards research and innovation.
CSC604	Cryptography and System Security	CO 1: Understand system security goals and concepts, classical encryption techniques CO 2 : Understand , compare and apply different encryption and decryption techniques CO 3 : To learn how to design automata and machines as acceptors, verifiers and translators CO 4: To understand the relation between context free languages, PDA and TM CO 5: To learn how to design PDA as acceptor and TM as calculators CO 6: To learn how to corelate automata with programs and functions
CSDLO6 021	Machine Learning	CO1: Gain knowledge about basic concepts of Machine Learning CO2: Understand basic concepts of neural network CO3: Identify suitable optimization technique to solve given problem CO4: Design solution using regression trees for given problem CO5: Apply classification and clustering machine learning techniques CO6: Understand and apply dimensionality reduction techniques