



**Vidya Vikas Education Trust's  
Universal College of Engineering, Kaman Road, Vasai-401208**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**COURSE OUTCOMES**

**Year/Class/Semester: T.E./IT/VI/ 'C' SCHEME**

<b>Subject Code</b>	<b>Subject Name</b>	<b>CO's</b>
ITC601	Data Mining & Business Intelligence	<p>At the end of the course student will be able to:</p> <p>CO1-Demonstrate an understanding of the importance of data warehousing and data mining and the principles of business intelligence.</p> <p>CO2-Organize and prepare the data needed for data mining using pre processing techniques.</p> <p>CO3-Perform exploratory analysis of the data to be used for mining..</p> <p>CO4-Implement the appropriate data mining methods like classification, clustering or Frequent Pattern mining on large data sets.</p> <p>CO5-Define and apply metrics to measure the performance of various data mining ALGORITHMS</p> <p>CO6-Apply BI to solve practical problems: Analyze the problem domain, use the data collected in enterprise apply the appropriate data mining technique, interpret and visualize the results and provide decision support.</p>
ITC602	Web X.0	<p>At the end of the course student will be able to:</p> <p>CO1-Understand the basic concepts related to web analytics and semantic web</p> <p>CO2-Understand how TypeScript can help you eliminate bugs in your code and enable you to scale your code</p> <p>CO3-Understand AngularJS framework and build dynamic, responsive single-page web applications.</p> <p>CO4-Apply MongoDB for frontend and backend connectivity using REST API.</p> <p>CO5-Apply Flask web development framework to build web applications with less code.</p> <p>CO6-Develop Rich Internet Application using proper choice of Framework.</p>



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ITC603	Wireless Technology	<p>At the end of the course student will be able to:</p> <p>CO1- Explain the basic concepts of wireless network and wireless generations.</p> <p>CO2-Demonstrate and Evaluate the various Wide Area Wireless Technologies.</p> <p>CO3-Analyze the prevalent IEEE standards used for implementation of WLAN and WMAN Technologies</p> <p>CO4-Appraise the importance of WPAN, WSN and Ad-hoc Networks.</p> <p>CO5-Analyze various Wireless Network Security Standards</p> <p>CO6-Review the design considerations for deploying the Wireless Network Infrastructure.</p>
ITC604	AI and DS - 1	<p>At the end of the course student will be able to:</p> <p>CO1-Develop a basic understanding of the building blocks of AI as presented in terms of intelligent agents.</p> <p>CO2-Apply an appropriate problem-solving method and knowledge-representation scheme.</p> <p>CO3-Develop an ability to analyze and formalize the problem (as a state space, graph, etc.). They will be able to evaluate and select the appropriate search method.</p> <p>CO4-Apply problem solving concepts with data science and will be able to tackle them from a statistical perspective.</p> <p>CO5-Choose and apply appropriately from a wider range of exploratory and inferential methods for analyzing data and will be able to evaluate and interpret the results contextually.</p> <p>CO6-Understand and apply types of machine learning methods for real world problems.</p>



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ITC6014	Ethical Hacking and Forensic	<p>At the end of the course student will be able to:</p> <p>CO1-Define the concept of ethical hacking.</p> <p>CO2-Recognize the need of digital forensics and define the concept of digital evidence and incident response.</p> <p>CO3- Apply the knowledge of computer forensics using different tools and techniques.</p> <p>CO4- Detect the network attacks and analyzes the evidence.</p> <p>CO5-Apply the knowledge of computer forensics using different tools and techniques.</p> <p>CO6- List the method to generate legal evidence and supporting investigation reports.</p>
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