



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

DEPARTMENT OF INFORMATION TECHNOLOGY

COURSE OUTCOMES

Year /Class /Semester: B.E. / IT / VIII

Subject Code	Subject Name	CO's
ITC801	Big Data Analytics	At the end of the course student will be able to: CO1- Explain the motivation for big data systems and identify the main sources of Big Data in the real world. CO2- Demonstrate an ability to use frameworks like Hadoop, NOSQL to efficiently store retrieve and process Big Data for Analytics. CO3- Implement several Data Intensive tasks using the Map Reduce Paradigm CO4- Apply several newer algorithms for Clustering Classifying and finding associations in Big Data CO5- Design algorithms to analyze Big data like streams, Web Graphs and Social Media data. CO6- Design and implement successful Recommendation engines for enterprises.
ITC802	Internet of Everything	At the end of the course student will be able to: CO1- Apply the concepts of IOT. CO2- Identify the different technology. CO3- Apply IOT to different applications. CO4- Analysis and evaluate protocols used in IOT. CO5- Design and develop smart city in IOT. CO6- Analysis and evaluate the data received through sensors in IOT.
ITDLO80 41	User Interaction Design	At the end of the course student will be able to: CO1- To stress the importance of good interface design. CO2- To understand the importance of human psychology as well as social and emotional aspect in designing good interfaces CO3- To learn the techniques of data gathering, establishing requirements, analysis and data interpretation. CO4- To learn the techniques for prototyping and evaluating user experiences. CO5- To understand interaction design process. CO6- To bring out the creativity in each student – build innovative applications that are usable, effective and efficient for intended users



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ITDLO80 44	Robotics	At the end of the course student will be able to: CO1- Learn the basic concepts of Robots. CO2- Learn the concepts of Kinematics of Robotics. CO3- Learn the concepts of Motions, velocities and dynamic analysis of force. CO4- Learn the concepts of Motion planning. CO5- Learn the concepts of Trajectory Planning CO6- Learn the concepts of Potential Functions, Visibility Graphs and Coverage Planning
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