



**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 / VII

Subject Code	Subject Name	CO's
ITC701	Enterprise Network Design	At the end of the course student will be able to: CO1- Understand the customer requirements and Apply a Methodology to Network Design CO2- Structure and Modularize the Network CO3- Design Basic Campus and Data Center Network. CO4- Design Remote Connectivity CO5- Design IP Addressing and Select suitable Routing Protocols for the Network CO6- Compare Openflow controllers and switches with other enterprise networks.
ITC702	Infrastructure Security	At the end of the course student will be able to: CO1- Understand the concept of vulnerabilities, attacks and protection mechanisms CO2- Analyze and evaluate software vulnerabilities and attacks on databases and operating systems CO3- Explain the need for security protocols in the context of wireless communication CO4- Understand and explain various security solutions for Web and Cloud infrastructure CO5- Understand, and evaluate different attacks on Open Web Applications and Web services CO6- Design appropriate security policies to protect infrastructure components
ITC703	Artificial Intelligence	At the end of the course student will be able to: CO1- Demonstrate knowledge of the building blocks of AI as presented in terms of intelligent agents. CO2- Analyze and formalize the problem as a state space, graph, design heuristics and select amongst different search or game based techniques to solve them. CO3- Develop intelligent algorithms for constraint satisfaction problems and also design intelligent systems for Game Playing CO4- Attain the capability to represent various real life problem domains using logic based techniques and use this to perform inference or planning. CO5- Formulate and solve problems with uncertain information using Bayesian approaches.



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		CO6- Apply concept Natural Language processing to problems leading to understanding of cognitive computing.
ITDLO70 32	Mobile Application Development	At the end of the course student will be able to: CO1- Describe Android platform, Architecture and features. CO2- Design User Interface and develop activity for Android App. CO3- Use Intent, Broadcast receivers and Internet services in Android App. CO4- Design and implement Database Application and Content providers. CO5- Use multimedia, camera and Location based services in Android App. CO6- Discuss various security issues in Android platform
ITDLO70 34	Software Testing and Quality Assurance	At the end of the course student will be able to: CO1- Investigate the reason for bugs and analyze the principles in software testing to prevent and remove bugs. CO2- Implement various test processes for quality improvement CO3- Design test planning. CO4- Manage the test process CO5- Apply the software testing techniques in commercial environment CO6- Use practical knowledge of a variety of ways to test software and an understanding of some of the trade-offs between testing techniques
ILO7013	Management Information System	At the end of the course student will be able to: CO1- Explain how information systems Transform Business CO2- Identify the impact information systems have on an organization CO3- Describe IT infrastructure and its components and its current trends CO4- Understand the principal tools and technologies for accessing information from databases to improve business performance and decision making CO5- Identify the types of systems used for enterprise-wide knowledge management and how they provide value for businesses
ILO7016	Cyber Security and Laws	At the end of the course student will be able to: CO1- Understand the concept of cybercrime and its effect on outside world CO2- Interpret and apply IT law in various legal issues



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		CO3- Distinguish different aspects of cyber law CO4- Apply Information Security Standards compliance during software design and development
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