Yashoda Technical Campus

Wadhe, Satara.

Faculty of MCA

MCA II SEM- III

Course Outcomes

Subject Name	Co's	Description
CC301: Java Programming	CO1	Explain and Apply the Object Oriented Concepts for Solving Real Problem.
	CO2	Create, Debug and Run Simple Java Programs using the Java SDK Environment.
	CO3	Develop the Small Applications using networking and Multithreading.
	CO4	Apply Events Management and Layout Managers Using AWT, Swing for Developing the Software for Various Problems.
CC302:Data Analytics	CO1	Understand basics of Data analysis.
	CO2	Identify tools available for data analytics in python.
	CO3	Evaluate different libraries of python for data analytics
	CO4	Analyze visualization tools for graphical representation of data in python
CC303 : Cyber Security	CO1	Understand the fundamentals of Cyber security vulnerabilities.
	CO2	Demonstrate different Cyber Security techniques.
	CO3	Apply different Internet and Cyber Security Controls.
	CO4	Describe Information Technology Act 2000.
DSE304: 1. Cloud Computing	CO1	Differentiate between different types and services of cloud computing.
	CO2	Assess the role of virtualization in cloud computing.
	CO3	Identify security issues in cloud computing.
	CO4	Describe risk assessment and management in cloud.
AEC305:Entrepreneurship Development	CO1	Understand the concept and significance of Entrepreneurship
	CO2	Understand eco-system available for entrepreneurship development
	CO3	Analyze risk and opportunities involved in IT business projects
	CO4	Prepare feasibility report for a project
AEC306 :MOOC	CO1	Build self learning capabilities through MOOC's.
	CO2	Develop knowledge and skills in emerging areas of information technology.
CC309 : Major Project	CO1	Identify the problem in existing system and develop SRS.
	CO2	Understand the industrial line of work and corporate work culture.
	CO3	Select appropriate technology platform for problem solving
	CO4	Develop application using appropriate technology platform.
	CO5	Test developed application for user acceptance.
	CO6	Write project report in professional format.

MCA II SEM- IV

Subject Name	Co's	Description
CC401 : Artificial Intelligence and Soft Computing	CO1	Understand building blocks of Artificial Intelligence.
	CO2	Evaluate various AI Techniques for problem solving.
	CO3	Analyze different soft computing techniques for solving problems.
	CO4	Build artificial intelligence and soft computing models for real life scenario.
CC402: Advance Java Programing	CO1	Understand the concept of JDBC, Servlet and its life cycle.
	CO2	Design and develop JSP applications using JSP tags.
	CO3	Develop MVC based Java Applications using Spring and Struts.
	CO4	Apply Java Technology to develop the Small Applications using JSF and Hibernate.
CC403: Internet of Things	CO1	Understand the role of IoT in various application domains.
	CO2	Illustrate different technologies of IoT.
	CO3	Identify various communication protocols used for IoT.
	CO4	Elaborate emerging trends in IoT.
DSE404.1: Block Chain Technology	CO1	Understand the structure of Blockchain
	CO2	Identify basics of cryptocurrency.
	CO3	Analyze different Block chain Vulnerabilities.
	CO4	Determine various applications of Block chain.
AEC 405 : Research Methodology	CO1	Define various terms used in research process
	CO2	Describe research design, sample design and sampling methods
	CO3	Apply appropriate methods for data collection and data analysis for research work and write research report.
	CO4	Design Research proposal in the area of Computer Application.
AEC 406: Personality Development	CO1	Recognize factors that influence and groom one's personality.
	CO2	Develop good interpersonal skills and employability skills.
DSE407 : Seminar	CO1	Identify and summarize a topic pertaining to recent advancements in IT and prepare a report based on the formatting guidelines.
	CO2	Develop presentation skills using multimedia tools.
CC410**: Mini Project**	CO1	Identify the problem in existing system.
	CO2	Develop SRS document for proposed system.
	CO3	Develop application using appropriate technology platform.
	CO4	Validate the developed application.