

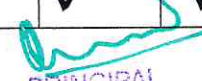
K.S.Rangasamy College of Arts& Science, (Autonomous), Tiruchengode-637 215

Department of Computer Science

Local / National / Regional / Global

SEMESTER - 1

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM101	Core I: Problem Solving Techniques and C Programming				✓	The students will be able to Write efficient algorithms to solve various problems
18UCSM102	Core II: Information Technology				✓	To Understand the major components of computer System and its working principles
18UMACSA101	Allied I: Algebra and Calculus				✓	To learn basic concepts of differentiation and integration
18UCSMP101	Core Practical I: Programming in C				✓	The students will be able to enhance their analyzing and problem solving skills and use the same for writing programs in C
18UCSMP102	Core Practical II: Office Package	✓	✓		✓	To Explore the knowledge in office automation tools


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SEMESTER – II

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM201	Core III: Object Oriented Programming with C++				✓	To know the Object Oriented Features in C++
18UCSM202	Core IV: Computer Architecture				✓	To Understand working principles of various digital components
18UCSMP201	Core Practical III: Programming in C++				✓	Students will learn the various OOPs concepts


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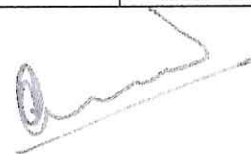
SEMESTER- III

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM301	Core V: Programming in Java				✓	To Understand the fundamentals of object oriented programming.
18UCSM302	Core VI: Data Structures				✓	To develop applications using algorithms
18UCSMP301	Core Practical IV: Programming in Java				✓	To Explore the programming skills using Java
18UCSSBP301	SBC Practical I: Web Designing using HTML, CSS (Internal Evaluation)	✓	✓	✓	✓	To Demonstrate the competency in the use of HTML tags and its attributes
18UCSAC301	Add-On Course I : DTP	✓	✓	✓	✓	Students will be able to effectively and efficiently produce formatted text and graphics



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SEMESTER - IV

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM401	Core VII: Programming in .NET(VB.NET & ASP.NET)				✓	Student will be able to use the features of Dot Net Framework
18UCSM402	Core VIII: Relational Database Management Systems				✓	To Demonstrate the basic elements of a Relational Database Management System
18UCSMP401	Core Practical V: Programming in .NET				✓	To gain programming knowledge in .Net
18UCSSBP401	SBC Practical II: JavaScript(Internal Evaluation)	✓	✓	✓	✓	To Understand the concept of JavaScript programming in Designing a Webpage
18UCSAC401	Add-On Course I :Animation				✓	To improve Skills and develop the knowledge
18UCSAL401	Mobile Commerce				✓	Students will Create a Mobile apps
18UCSAL402	Cyber Security		✓		✓	Analyze and resolve security issues in networks and computer systems to secure an IT infrastructure


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SEMESTER - V

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM501	Core IX: Data Mining and Warehousing				✓	The student will get knowledge of Data preprocessing and data quality
18UCSM502	Core X: Software Engineering				✓	Ability to perform independent Research and analysis
18UCSM503	Core XI: Operating Systems				✓	To Understand and analyze theory and implementation of process resource control
18UCSEL501	Elective : I E-Commerce		✓	✓	✓	To Analyze the impact of E-commerce on business models and strategy
18UCSEL502	Elective : I Computer Graphics				✓	To Understand the basics of computer graphics and different graphics systems and applications of computer graphics
18UCSMP501	Core Practical VI: R-Programming				✓	To Explore and understand how to use the R documentation
18UCSMP502	Core Practical VII: Computer Hardware	✓	✓	✓	✓	To identify the Software running on a computers
18UCSSBP501	SBC Practical III: MySQL(Internal Evaluation)	✓	✓	✓	✓	To learn SQL syntax used with MySQL
18UCSAL501	Software Project Management				✓	Ability to apply software techniques
18UCSAL502	Artificial Intelligence and Expert Systems				✓	Acquire the knowledge of real world problem for implementation

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SEMESTER – VI

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCSM601	Core XII: Python				✓	To acquire knowledge and programming skills
18UCSM602	Core XIII: Computer Networks [Fifth Unit as Self- study]				✓	To develop an understanding of computer networking basics
18UCSEL601	Elective II Cloud Computing				✓	To Understand the key security
18UCSEL602	Elective II Mobile Computing				✓	To Understand the concept of Mobile communication
18UCSMP601	Core Practical VIII: Python Programming				✓	To know the concept of function in python
18UCSMP602	Core Practical IX: Computer Networking	✓	✓	✓	✓	Students to learn how the computer networks are organized with layered approach
18UCSPR601	Project Work	✓	✓	✓	✓	Ability to design, implement and evaluate the project
18UCSSBP601	SBC Practical IV: PHP(Internal Evaluation)	✓	✓	✓	✓	Students to gain the knowledge of PHP programs and HTML webpage



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