

K.S.Rangasamy College of Arts and Science (Autonomous)

Tiruchengode - 637 215


Department of Computer Applications

Local / National / Regional / Global

SEMESTER I

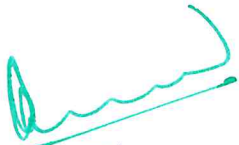
COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCAM101	Core I : Problem Solving Techniques	✓	✓	✓		Understanding Mathematical Concept:
18UCAM102	Core II: Programming in C	✓	✓	✓	✓	Understanding Core Logical Concept
18UMACAA101	Allied I: Mathematics for Computer Applications	✓	✓			To know basic algorithms by using computer knowledge
18 UCAMP101	Core Practical I: Office Package	✓	✓	✓		Basic document preparation
18UCAMP102	Core Practical II: Programming in C	✓	✓	✓	✓	Helps the students to gain logical



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SEMESTER II

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCAM201	Core III: Object Oriented Programming with C++	✓	✓	✓		To learn about the object oriented programming language using class
18UCAM202	Core IV: Computer Organization and Architecture	✓	✓	✓	✓	Helps the students to gain hardware and logical concepts
18UMACAA201	Allied II: Scientific Computing Methods	✓	✓			Helps the students to gain math concepts
18UCAMP201	Core Practical III: Scientific Computing using C++	✓	✓	✓		To learn about mathematical using object and class
18UCAMP202	Core Practical IV: Designing Tools	✓	✓	✓	✓	Understanding web designing concepts

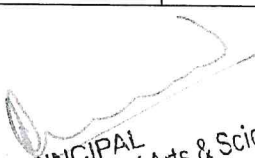

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SEMESTER III


COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCAM301	CoreV: Programming in Java	✓	✓	✓		To learn about object and interface concepts
18UCAM302	Core VI: Data Structures	✓	✓	✓	✓	Helps to learn algorithms
18UCAM303	Core VII: Web Desi	✓	✓	✓		Understanding basics of designing
18UCCCAA301	Allied III: Princip les of Accountancy	✓	✓			Understanding the basics of accounting concepts.
18UCAMP301	Core Practical V: Programming in Java	✓	✓	✓	✓	To learn about practical using OOPS concepts.
18UCCCAAP3 01	Allied Practical I: Accounting Package	✓	✓		✓	Helps to learn about Tally concepts.
18UCASBP301	SBC Practical I: Web Designing Using HTML, CSS and JavaScript	✓	✓	✓	✓	Helps to learn about basic HTML and CSS.
18UCAAC301	Digital Business	✓	✓		✓	Helps to Online business
18UCAAC302	Ethics for Digi tal Era	✓	✓		✓	Understanding digital concepts.


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SEMESTER IV


COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCAM401	Core VIII: Relational Database Management System	✓	✓	✓	✓	Helps to learn basic database concepts
18UCAM402	Core IX: Operating System Concepts		✓	✓	✓	Understanding basic Operating systems.
18UCAEL401	Elective I: Principles of Information Security		✓	✓	✓	Helps to learn security concepts.
18UCAEL.A02	Elective I: Client/Server Technology		✓	✓	✓	Understanding to know basic server concepts.
18UCAEL403	Elective I: SOFTWARE ENGINEERING	✓	✓	✓	✓	Helps to learn software hierarchy
18UCCCAA401	Allied IV: Cost And Management Accounting	✓	✓			Understanding basic account concepts.
18UCAMP401	Core Practical vi: RDBMS Package	✓	✓	✓	✓	Understanding basic database concepts.
18UCAM401	Core VIII: Relational Database Management System	✓	✓	✓	✓	Helps to learn basic connectivity systems
18UCAMP402	Core Practical VII: Linux Programming		✓	✓	✓	Helps to learn basic Basic command processing.
18UCASBP401	SBC Practical Ii: Data Structure Using C	✓	✓	✓	✓	Understanding basic algorithms concepts.
18UCAAC401	Digital Hygiene	✓	✓			Helps to security concept
18UCAAC402	Fundamentals of Multimedia	✓	✓	✓	✓	Helps to media concept


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SEMESTER V

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18UCAM501	Core X: Web Application Development	✓	✓	✓	✓	Understanding basic concepts of web service
18UCAM502	Core XI: Computer Networks	✓	✓	✓		Helps to learn basic networks concepts
18UCAM503	Core XII: Cloud Computing	✓	✓	✓	✓	Helps to learn basic cloud computing
18UCAEL501	Elective II: Social And Business Etiquette	✓	✓	✓		Helps to learn basic business concepts.
18UCAEL502	Elective II: Artificial Intelligence	✓	✓	✓	✓	Understanding network server
18UCAEL503	Elective II: Social Media Analytics	✓	✓	✓	✓	Understanding basic media concepts
18UCAMP501	Core Practical VIII: Web Application Development	✓	✓	✓	✓	Helps to learn basic website and web application concepts
18UCAMP502	Core Practical IX: Computer Networks Lab	✓	✓		✓	Understanding basic network
18UCASBCP501	SBC Practical III: Web Services Using Python	✓	✓	✓	✓	Helps to learn basic web services


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COURSE CODE	COURSE NAME	NEED				REMARKS
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18UCAM601	Core XIII: Big Data Analytics		✓	✓	✓	Helps to learn basic big data concepts.
18UCAM602	Core XIV: Mobile Technology (fifth unit as self-study)	✓	✓	✓		Understanding basic mobile communications concepts
18UCAM603	Core XV: E-Commerce		✓	✓		Helps to learn basic business ideas
18UCAM604	Core XVI: Internet of Things		✓	✓	✓	Understanding basic IOT Concepts.
18UCAMP601	Core Practical X:R Programming		✓	✓	✓	Helps to learn big data concepts.
18UCAPR601	Project & Viva-Voce	✓	✓	✓	✓	Helps to gain rural and real time projects.


HOD

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