



Excël

COLLEGE FOR COMMERCE AND SCIENCE



Approved by Government of TamilNadu & Affiliated with Periyar University, Salem
Pallakkapalayam, Komarapalayam, Namakkal Dt-637 303
Tamilnadu, India
www.excelinstitutions.com

2021-22 REGULATION

DEPARTMENT OF COMPUTER SCIENCE

Program Outcomes(Pos)	
PO1.	To understand the fundamental concepts of computer system, including hardware and software.
PO2	To Design, and analyze precise specifications of algorithms, procedures, and interaction behavior
PO3.	To apply the appropriate technologies, skills and tools in various fields of Computer Science
PO4.	To analyze impacts of computing on individuals, organization and society.

Program Specific Outcomes(PSOs)	
PSO1.	Apply domain knowledge and problem solving skills to solve real time problems
PSO2.	Acquire good employability skills which will ensure exceptional career opportunities in IT companies..
PSO3.	Get a strong foundation to pursue higher education in the field of Computer Science/Applications



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DEPARMENT OF COMPUTER SCIENCE

2021-22 REGULATION-COURSE OUTCOMES

Course Code	Course Title	Course Outcomes	
SEMESTER-I			
21UCS01	PROBLEM SOLVING THROUGH C.	CO1	Recognize the Basic Terminologies of C Programming
		CO2	Understanding the statement structure and apply simple problems.
		CO3	Understand and apply the pre-defined functions and user defined functions and then apply in simple problems
		CO4	Demonstrate the operation of Structures and unions
		CO5	Recognize the operation of Files.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

S- Strong M-Medium L-Low



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SEMESTER-II

21UCS02	DATA STRUCTURE AND ALGORITHMS	CO1	Remember the concept of algorithms..
		CO2	Understanding the stack and queues..
		CO3	Apply linked list for other data structures.
		CO4	Evaluate the trees and sorting methods
		CO5	Analyze the sorting and file organizations..

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

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21UCS03	COMPUTER ORGANIZATION AND ARCHITECTURE.	CO1	Recognize the Basic Number system and logic gates.
		CO2	Understanding the flip flops and Karnaugh maps
		CO3	Understand and apply micro operation and data transfer.
		CO4	Demonstrate the computer arithmetic and addressing modes.
		CO5	Analyze the memory and I/O organizations.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

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SEMESTER-III

21UCS04	RELATIONAL DATABASE MANAGEMENT SYSTEMS	CO1	Remember the concept of database.
		CO2	Understanding the data models and ER Diagram.
		CO3	Apply SQL commands.
		CO4	Evaluate the DBMS in SQL.
		CO5	Analyze the Transaction management.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

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21UCS05	COMPUTER NETWORK	CO1	Remember the concept of networks and its types.
		CO2	Understanding the wireless communications.
		CO3	Understand and Apply data link protocols.
		CO4	Evaluate the network design issues.
		CO5	Analyze the connection issues.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

S- Strong M-Medium L-Low



SEMESTER-IV

21UCS06	PROGRAMMING IN JAVA	CO1	Remember the concepts of OOPS.
		CO2	Understand the basic Terminologies of languages and statements.
		CO3	Demonstrate the use classes and objects.
		CO4	Evaluate the packages and exception handling methods.
		CO5	Analyze the I/O Streams and graphics classes.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	M	S	L	M
CO4	M	S	M	S
CO5	S	S	-	-



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SEMESTER-V

21UCS07	OPERATING SYSTEM..	CO1	Understand the structure and functions of OperatingSystem.
		CO2	Compare the performance of Scheduling Algorithms
		CO3	Understand and organize the memory
		CO4	Evaluate the deadlock measures
		CO5	Analyze the I/O hardware and software

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

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21UCS08	WEB TECHNOLOGY	CO1	Understand the structure of the documents in Web.
		CO2	Remember and understand the table handling tags.
		CO3	Understand and organize CSS.
		CO4	Implement scripts in web page.
		CO5	Evaluate script objects.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	-
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

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21UCS09	LINUX AND SHELL PROGRAMMING.	CO1	Understand the structure and functions of Linux OperatingSystem.
		CO2	Understand the basic commands of Shell.
		CO3	Implement text processing and arrays.
		CO4	Evaluate shell scripting.
		CO5	Analyze decision making and scripting in Linux.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	S	---
CO2	S	M	M	S
CO3	S	L	L	M
CO4	M	S	M	S
CO5	S	L	S	S

S- Strong M-Medium L-Low



SEMESTER-VI

21UCS10	PROGRAMMING IN PYTHON	CO1	Understand the Basic Programming Logic..
		CO2	Understand the basic Statements.
		CO3	Implement Files and SQL.
		CO4	Evaluate Graphics in python.
		CO5	Analyze Version control system.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	S	M	---
CO2	M	M	M	S
CO3	S	M	L	M
CO4	M	S	M	S
CO5	S	M	L	L

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21UCSE04	MOBILE COMPUTING	CO1	Articulate the concept of wireless communication.
		CO2	Have knowledge on the Wireless Network architecture.
		CO3	Choose the appropriate access scheme for a given scenario.
		CO4	Deploy various Mobile Handheld devices.
		CO5	Understand various security issues in Mobile Computing.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	M	S	M	L
CO2	S	M	M	L
CO3	S	M	M	L
CO4	M	S	M	L
CO5	S	M	L	L

S- Strong M-Medium L-Low



21UCSE07	SOFTWARE TESTING	CO1	Remember the basic Concepts of SDLC.
		CO2	Understanding Block box Testing.
		CO3	Apply System Testing.
		CO4	Evaluate performance Testing.
		CO5	Implement Test Planning.

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4
CO1	S	M	L	L
CO2	S	M	L	M
CO3	S	M	L	L
CO4	L	S	M	M
CO5	S	M	M	L

S- Strong M-Medium L-Low