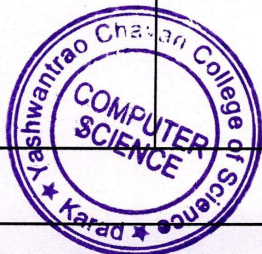


B. Sc. Computer Science (Optional) - I 2024-25				
COURSE OUTCOMES (COs)				
SEMESTER	COURSE CODE	COURSE NAME	COURSE OUTCOME	
SEM - I	DSC - I	Basics of C Programming	CO1	Demonstrate a familiarity of computer programming language concepts
			CO2	Understand how to develop C programs on Linux platform.
			CO3	Use basics of C language syntax as identifiers, keywords, variables, data types and operators
			CO4	Apply the concept of branching, looping, decision-making statements and Array for problem solving.
	DSC - II	Database Concepts	CO1	Describe the basic concepts of DBMS and various databases used in real applications
			CO2	Demonstrate the principles behind systematic database design approaches.
			CO3	Describe the fundamental elements of Relational Database Management Systems.
			CO4	Use various commands in data languages with example.
	DSC P - I	Practical Based on DSC - I and DSC - II	CO1	Understand basic structure if C Programming, declaration and usage of variables, use of data type and operators.
			CO2	Implement control structures and array to develop a C program.
			CO3	Design database for business applications.
			CO4	Use various commands in data languages on databases.
	OE - I	Office Automation	CO1	Understand about the use of Office Package and internet in daily life
			CO2	Surf details through Internet.
			CO3	Understand the components of office automation
			CO4	Prepare different types of official documents using OpenOffice Writer.



SEM – II	DSC – III	Advanced C Programming	CO1	Understand the concept and importance of pointers in C language.
			CO2	Demonstrate an understanding of functions in problem solving.
			CO3	Understand working of structure and dynamic memory allocation.
			CO4	Apply file handling techniques using C language.
	DSC – IV	Advanced Database	CO1	Understand various functions and subqueries.
			CO2	Understand various joins and views.
			CO3	Use the control statements and stored procedures.
			CO4	Use the cursors and triggers.
	DSC P – II	Practical Based on DSC – III and DSC – IV	CO1	Understand how to reuse code using functions and pointers and MLA functions to allocate memory at run time.
			CO2	Define a structure to declare the data members of different data types according to needs and handles different file handling techniques using C language.
			CO3	Use of functions, queries, sub queries, joins and views on databases.
			CO4	Use of stored procedures and triggers on databases.
	OE – II	Basics of HTML	CO1	Learn HTML tags and programming concepts and techniques.
			CO2	Analyze a web page and identify its elements and attributes.
			CO3	Develop the ability to logically plan and develop web pages.
			CO4	Learn to write, test, and debug web pages using HTML.




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