



# FATIMACOLLEGE(AUTONOMOUS),MADURAI-625018

## COURSEOUTCOMES

NAMEOFTHPROGRAMME:P.G.D.C.A

PROGRAMMECODE:OSCA

<u>COURSE CODE</u>	<u>COURSE TITLE</u>	<u>COURSE OUTCOMES</u>
19PGD101	COMPUTER FUNDAMENTALS & OS	<b>CO 1:</b> Bridge the fundamental concepts of computers. <b>CO 2:</b> Understand number systems and their arithmetic. <b>CO 3:</b> Familiarise on the concepts of operating systems, programming languages, peripheral devices, networking, multimedia and internet. <b>CO 4:</b> Learner will be able to appreciate the role of operating system as System software. <b>CO 5:</b> To control the behaviour of OS by writing Shell scripts.
19PGD102	PROBLEM SOLVING USING C	<b>CO 1:</b> Understand the fundamentals of C programming <b>CO 2:</b> Choose the loops and decision making statements to solve the problem. <b>CO 3:</b> Implement different Operations on arrays

		<p><b>CO 4:</b> Use functions to solve the given problem.</p> <p><b>CO 5:</b> Program with pointers and arrays, perform pointer arithmetic, and use the pre-processor. the students will be able to develop applications</p>
19PDB103	WEB DESIGNING	<p><b>CO 1:</b> Student will discover how does web works really, what makes web sites work.</p> <p><b>CO 2:</b> Writing valid and concise code for web pages.</p> <p><b>CO 3:</b> To create web elements like buttons, banners.</p> <p><b>CO 4:</b> Forms and validations for your website.</p> <p><b>CO 5:</b> How to and where to start research, planning for website &amp; actually build excellent web sites.</p>
19PDB104	LAB I – PROGRAMMING IN C	<p><b>CO 1:</b> Illustrate flowchart and algorithm to the given problem</p> <p><b>CO 2:</b> Understand basic Structure of the C-PROGRAMMING, declaration and usage of variables</p> <p><b>CO 3:</b> Write C programs using operators</p> <p><b>CO 4:</b> Write C programs using Pointers to access arrays, strings and functions.</p> <p><b>CO 5:</b> Exercise user defined data types</p>

19PDB105	LAB II – WEB PROGRAMMING & PHOTO EDITING TECHNIQUES	<p><b>CO 1:</b> Writing valid and concise code for web pages.</p> <p><b>CO 2:</b> To create web elements like buttons, banners.</p> <p><b>CO 3:</b> Forms and validations for your website.</p> <p><b>CO 4:</b> Students will gain a working knowledge of Photoshop.</p> <p><b>CO 5:</b> How to prepare and process photos for the Web?</p>
19PDB106	LAB III – TALLY WITH SPREADSHEET	<p><b>CO 1:</b> To maintain a record of all monetary transactions</p> <p><b>CO 2:</b> To create balance sheet, voucher and ledgers.</p> <p><b>CO 3:</b> To Preview and print worksheets.</p> <p><b>CO 4:</b> Indicate the names and functions of the Excel interface components.</p> <p><b>CO 5:</b> Construct formulas, including the use of built-in functions, and relative and absolute references.</p>
19PDB107	MINI PROJECT	<p><b>CO 1:</b> Demonstrate a sound technical knowledge of their selected <i>project</i> topic.</p> <p><b>CO 2:</b> Undertake problem identification, formulation and solution.</p> <p><b>CO 3:</b> Design engineering solutions to complex problems utilising a systems approach.</p>

19PDB201	DATABASE MANAGEMENT SYSTEM	<p><b>CO 1:</b> To describe data models and schemas in DBMS</p> <p><b>CO 2:</b> To understand the features of database management systems and Relational database.</p> <p><b>CO 3:</b> To use SQL- the standard language of relational databases</p> <p><b>CO 4:</b> To understand the functional dependencies and design of the database.</p> <p><b>CO 5:</b> To understand the concept of Transaction and Query processing.</p>
19PDB203	VISUAL BASIC	<p><b>CO 1:</b> Understand Visual Basic applications.</p> <p><b>CO 2:</b> Develop a Graphical User Interface (GUI) based on problem description</p> <p><b>CO 3:</b> Understand how to perform operations and store results</p> <p><b>CO 4:</b> Understand additional Visual Basic Controls.</p> <p><b>CO 5:</b> Understand loops to do repetition</p>
19PDB204	LAB VI – RDBMS	<p><b>CO 1:</b> To describe data models and schemas in DBMS</p> <p><b>CO 2:</b> To understand the features of database management systems and Relational database.</p> <p><b>CO 3:</b> To use SQL- the standard language of relational databases</p>

		<p><b>CO 4:</b> To understand the functional dependencies and design of the database.</p> <p><b>CO 5:</b> To understand the concept of Transaction and Query processing.</p>
19PDB205	LAB VII – VISUAL BASIC	<p><b>CO 1:</b> Understand Visual Basic applications.</p> <p><b>CO 2:</b> Develop a Graphical User Interface (GUI) based on problem description</p> <p><b>CO 3:</b> Understand how to perform operations and store results</p> <p><b>CO 4:</b> Understand additional Visual Basic Controls.</p> <p><b>CO 5:</b> Understand loops to do repetition</p>
19PDB206	PROJECT	<p><b>CO 1:</b> Demonstrate a sound technical knowledge of their selected project topic.</p> <p><b>CO 2:</b> Undertake problem identification, formulation and solution.</p> <p><b>CO 3:</b> Design engineering solutions to complex problems utilising a systems approach.</p>
19PDB207	INTERNSHIP	<p><b>CO 1:</b> Explore career alternatives prior to graduation.</p> <p><b>CO 2:</b> Integrate theory and practice.</p> <p><b>CO 3:</b> Assess interests and abilities in their field of study.</p> <p><b>CO 4:</b> Learn to appreciate work and its function in the economy.</p>