



Palus Shikshan Prasarak Mandal's

Arts, Commerce & Science College, Palus

Tal. Palus, Dist. Sangli, (Maharashtra) 416310 ☎: (02346) 226226.

(Affiliated to Shivaji University, Kolhapur)

DBT STAR College Scheme Assisted, NAAC Reaccredited with CGPA-2.67(B+)

● Web : www.acscpalus.edu.in ● Email : acscollegepalus@gmail.com ●

B.A., B.Com, B.Sc., B.B.A., B.C.A., B.C.S., M.A., M.Com., M.Sc., PGDCA.

Principal, Dr. R. S. Salunkhe M.A., M.Com., M.Phil., Ph.D., SET., M.B.A., D.Litt.

Outward No.: Mahavi/ /F- /

POST GRADUATE DIPLOMA IN COMPUTERAPPLICATION

(P.G.D.C.A)

DEPARTMENT OF COMPUTER SCIENCE

ProgrammeOutcomes(P.G.D.C.A.):

Aftercompleting P.G.D.C.A.Degreeprogrmmes,studentswillbeableto:

After the completion of the program the learner will be able to:

PO-1: Make use of internet for searching and downloading information on web, sending or receive e-mails.

PO-2: Prepare presentation and perform computation on excel sheet.

PO-3: Handle windows and Ubuntu operating system for general purpose applications and networking.

PO-4: Develop general purpose application based on C and HTML based languages.

PO-5: Perform various office activities on computer system such as installation of software, handling of printer and scanner, internet connection along with troubleshooting of system.

Course Outcomes (COs)

SEM-I

Fundamentals of Computer

CO1: Identify and analyze computer hardware, software, and network components.

CO2: An ability to understand computer buses and input/output peripherals.

CO3: Demonstrate a basic understanding of computer hardware and software. Apply logical skills to programming in a variety of languages.

CO4: Familiarize operating systems, programming languages, peripheral devices, networking, multimedia and internet.

CO5: Apply the knowledge and understanding the functions of various hardware components and their building blocks.

CO6: Outline Computer Number System and solve Numerical Problems based on it.

E-Commerce and HTML

CO1: Understand basic as well as advanced concepts of HTML

CO2: Understand basics of CSS to design a page.

CO3: Design and develop website using HTML

Introduction to Programming Using C

CO1: Implements the algorithms and draw flowcharts for solving Mathematical problem.

CO2: Designing and developing Computer programs, analyzes, and interprets the concept of pointers, declarations, initialization, operations on pointers and their usage.

CO3: Explain different stages of an instruction execution.

CO4: Identify user defined functions, categories of function and recursion, structures and unions.

CO5: Develop confidence for self-education and ability for life-long learning needed for computer language.

CO6: Write small programs using arrays, strings, structures, unions, functions and pointers.

Visual Programming-

CO1: Students list the visual programming concepts.

CO2: Explain basic concepts and definitions.

CO3: Express constants and arithmetic operations.

CO4: Distinguish variable and data types.

CO5: Students code visual programs by using Visual Basic work environment.

RDBMS With Oracle Part-I

CO1: After completion of this course student should be able to Understand the concept of Database, Database management system Concept of Data models.

CO2: Understand of MySQL with different Commands. (Create, insert, select, update, Delete)

SEM-II

Office Automation

CO1 : Understand the basic terminology of computers

CO1: Understand the practical concepts of MS Word, MS Excel, MS PowerPoint, and MS Access.

Introduction to C Programming Part- II

CO1: Apply code reusability with functions and pointer, Implement string in C programs.

CO2: Understand how to allocate memory at runtime using different memory allocation functions.

CO3: Understand the need of structure and implement the structure with real life examples.

CO4:Understand the basics of file handling mechanism and uses of preprocessors.

Web Designing with PHP and MySQL

CO1:To introduce the importance of PHP in web page design.

Co2:To understand the features like functions, forms in PHP.

Visual Programming-II

CO1:Recognize and arrange control structures.

CO2:Design a complete program using visual programming concepts.

CO3:Students prepare various projects by helping visual programming.

CO4:Prepare project in visual programming.

CO5:Manage and analyse prepared project with programs.

CO6:Interpret and report obtaining results.

RDBMS With Oracle Part-II

CO1:Understand different SQL Operators, functions and clauses.

CO2:Design & develop proper database and get Knowledge of Sub Queries and Joins.

