DEVI AHILYA VISHWAVIDYALAYA, INDORE

SCHOOL OF COMPUTER SCIENCE AND IT

PROGRAMME CODE: CS3A

PROGRAMME TITLE: Post Graduate Diploma in Computer Applications (PGDCA) -1 year

OBJECTIVES:

Post Graduate Diploma in Computer Applications (PGDCA) is designed for graduate students who are seeking professional knowledge in computer applications and are keen to equip the students with requisite knowledge, skills and right attitude necessary for becoming efficient Computer / IT Professionals. This course is useful for students who want to learn computer applications in different fields like banking, insurance, government sectors and accounting. This programme covers a blend of computer subjects like programming languages, data base management, systems analysis, Operating system, PC packages and computer software development in specific applications.

The main objectives of the programme are:

- To gain practical, hands-on experience in computer applications and tools playing a significant role in business, banking and government sectors.
- To make sustained efforts for holistic development of the students and empower them to analyze, develop, configure IT solutions keeping in view the challenges posed by changing IT requirements.
- To develop competent computer management professionals with strong ethical values.

ELIGIBILITY:

Bachelor degree in any stream with at least 50% marks in aggregate or an equivalent grade for General / OBC candidates, and 45% marks in aggregate or an equivalent grade for SC/ST and Differently able (DA) category candidates from a recognized University / Institute.

OR

Candidates who have appeared in final year degree examination can also apply. Admission will be finalized if the result is declared before August 14 in the admission year and the candidate secures min. % of marks as mentioned above.

Age Limit: No Upper Age Limit.

As per State Government norms.

Admission Procedure:

The admissions will be done as per merit in the entrance test conducted by the university.

Seats: 30 (reservation as per state Govt. rules).

Duration: Two Semesters (One Year).

Fee Structure (2020-21):

Semester	Academic Fee	Development & Maintenance Fee	Students' Services		Examination Fee	Total (Rs.)	
			Boys	Girls		Boys	Girls
First	12500/-	5000/-	3300/-	3111/-	2500/-	23300/-	23111/-
Second	12500/-	5000/-	2911/-	2722/-	2500/-	22911/-	22722/-

Note:

- Caution money (Refundable) of Rs. 4000/- will be charged additionally in the first semester.
- Alumni fee of Rs. 500 will be charged separately in the first semester.
- If a student repeats a paper(s) in a semester, an additional fee of Rs.500/- per paper shall be payable.
- Hostel Fee and Central Library Fee will be extra.

PROGRAMME STRUCTURE (2020-21):

First Semester:		
Sub. Code	**Title**	**Credits (L- T- P)**
CS3A -401	Computer Organization & Assembly Language Programming	5 (3-1-2)
CS3A -403	Object Oriented Programming using JAVA	6 (3-1-4)
CS3A -405	Data and Computer Communication	5 (3-1-2)
CS3A -407	IT Infrastructure Management	4(3-1-0)
CS3A -409	Communication Skills and Report Writing	3(2-1-0)
CS3A -451	Comprehensive Viva * (*Compulsory)	4
Second Semester:		
Sub. Code	**Title**	**Credits (L- T- P)**
CS3A -402	Management Information System	4(3-1-0)
CS3A -404	Database Management System	6(3-1-4)
CS3A -406	Web Technology and E- Commerce	5 (3-1-2)
CS3A -408	Accounting and Financial Systems	4(3-1-0)
CS3A -410	Operating System Basics & PC Packages	4(3-1-0)
CS3A -452	Comprehensive Viva * (*Compulsory)	4

NOTE: The above programme structure can be modified as per requirement from time to time in accordance with University Ordinance No. 14.

PROGRAMME OUTCOMES (POs)

PGDCA equips the students with skills required for designing, developing applications in Information Technology. SCSIT has designed PGDCA program to prepare students to attain following abilities:

- To understand the key concepts of Information Technology (IT) and how IT can improve organizational performance.
- To make students learn the latest trends in various subjects of computers & information technology.
- To understand the computing techniques to solve business problems.
- To make students proficient in data and office management.
- To enhance the skills to work on multidisciplinary managerial tasks.

PROGRAM SPECIFIC OUTCOMES (PSO's)

There are a large number of employment areas where they can pursue jobs. Some of them are entertainment sector, insurance firms, educational organizations, information technology firms, electronic industry and health industry, banking. At the end of this program, PGDCA student will be able to:

- Develop practical skills to provide solutions to industry, society and business.
- Use modern tools - Create, select, learn and apply appropriate techniques, resources, and modern tools of Database Applications.
- Learn and apply appropriate tools of office automation.
- Manage the office/ organization IT infrastructure.
- Manage organization website/ web portal.