

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA) SYLLABUS

(With effect from the academic year 2010-2011 and onwards)

Sl. No.	Subject	Lecture Hours Per week	Practical Hours Per week	Duration Theory/ Practical Exam. hrs.	Marks for		Total Marks For the Subject
					Exam.	Internal Assmt.	
01.	I-Semester:						
	PGDCA 1.1: Computer Concepts	04	--	03	80	20	100
	PGDCA 1.2: C Programming	04	--	03	80	20	100
	PGDCA 1.3: Data Base Management System	04	--	03	80	20	100
	PGDCA 1.4: Visual Basic (VB)	04	--	03	80	20	100
	PGDCA 1.5: Elective – I	04	--	03	80	20	100
	PGDCA 1.6: Practical – I	--	04	03	80	20	100
	PGDCA 1.7: Practical – II	--	04	03	80	20	100
	Total:	20	08		560	140	700
02.	II-Semester:						
	PGDCA 2.1: Object-Oriented Programming with C++	04	--	03	80	20	100
	PGDCA 2.2: Software Engineering	04	--	03	80	20	100
	PGDCA 2.3: Computer Networks	04	--	03	80	20	100
	PGDCA 2.4: Java and Internet Programming	04	--	03	80	20	100
	PGDCA 2.5: Elective-II	04	--	03	80	20	100
	PGDCA 2.6: Practical – III	--	04	03	80	20	100
	PGDCA 2.7: Practical – IV (Project)	--	04	03	80	20	100
	Total:	20	08		560	140	700

	<p><u>Elective I</u></p> <p>PGDCA 1.5.1: E-Commerce</p> <p>PGDCA 1.5.2: Computer Graphics</p> <p>PGDCA 1.5.3: Data Structures</p> <p>PGDCA 1.5.4: Artificial Intelligence</p> <p>PGDCA 1.5.5: Neural Networks</p>	<p><u>Elective II</u></p> <p>PGDCA 2.5.1: Principles of Programming Languages</p> <p>PGDCA 2.5.2: Operating System</p> <p>PGDCA 2.5.3: C# Programming and .NET Concepts</p> <p>PGDCA 2.5.4: System Software</p> <p>PGDCA 2.5.5: Operation Research</p>
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