

SARDAR PATEL UNIVERSITY
Programme: Bachelor of Vocation (Software Development)
(Under Choice Based Credit Scheme)
Semester: I
Syllabus with effect from: June 2014

Course type	Course Code	Name of Course	T/P	Crdit	Exam Duration in hrs	Contact Hrs Perweek	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Foundation Courses:	US01FBVS01	Fundamentals of Computers	T	4	3	4	30/8	70/28	100/40
	US01FBVS02	Mathematics – I	T	4	3	4	30/8	70/28	100/40
	US01FBVS03	Communication Skills – I	T	4	3	4	30/8	70/28	100/40
Core Courses:	US01CBVS01	Web Technology – I	T	4	3	4	30/8	70/28	100/40
	US01CBVS02	Practicals – I	P	7	3	7	--	100/40	100/40
	US01CBVS03	Practicals – II	P	7	3	7	--	100/40	100/40

SARDAR PATEL UNIVERSITY
Programme: Bachelor of Vocation (Software Development)
(Under Choice Based Credit Scheme)
Semester: II
Syllabus with effect from: December 2014

Course type	Course Code	Name of Course	T/P	Crdit	Exam Duration in hrs	Contact Hrs Perweek	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Foundation Courses:	US02FBVS01	Database Concepts and Data Structures (Effect on: December 2014)	T	4	3	4	30/8	70/28	100/40
	US02FBVS02	Mathematics – II	T	4	3	4	30/8	70/28	100/40
	US02FBVS03	Communication Skills – II	T	4	3	4	30/8	70/28	100/40
	US02FBVS04	Project Management & MIS (Effective from: December 2015) (Revised)	T	4	3	4	30/8	70/28	100/40
Core Courses:	US02CBVS01	Programming in C	T	4	3	4	30/8	70/28	100/40
	US02CBVS02	Practicals – III	P	7	3	7	--	100/40	100/40
	US01CBVS03	Practicals – IV	P	7	3	7	--	100/40	100/40

SARDAR PATEL UNIVERSITY
Programme: Bachelor of Vocation (Software Development)
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Semester: III
Syllabus with effect from: June 2014

Course type	Course Code	Name of Course	T/P	Crdit	Exam Duration in hrs	Contact Hrs Perweek	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Foundation Courses:	US03FBVS01	Project Management & MIS * (Effect on: June 2015)	T	4	3	4	30/8	70/28	100/40
	US03FBVS02	Data Communication and Networking	T	4	3	4	30/8	70/28	100/40
	US03FBVS03	Computer Based Numerical and Statistical Methods	T	4	3	4	30/8	70/28	100/40
	US03FBVS04	Database Concepts and Data Structures * (Effective from: June 2016)	T	4	3	4	30/8	70/28	100/40
Core Courses:	US03CBVS01	Object Oriented Programming with C++	T	4	3	4	30/8	70/28	100/40
	US03CBVS02	Practicals – V	P	7	3	7	--	100/40	100/40
	US03CBVS03	Practicals – VI	P	7	3	7	--	100/40	100/40

SARDAR PATEL UNIVERSITY
Programme: Bachelor of Vocation (Software Development)
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Semester: IV

Syllabus with effect from: December 2015

Course type	Course Code	Name of Course	T/P	Crdit	Exam Duration in hrs	Contact Hrs Perweek	Component of Marks		
							Internal	External	Total
							Total/Passing	Total/Passing	Total/Passing
Foundation Courses:	US04FBVS01	Visual Programming	T	4	3	4	30/8	70/28	100/40
	US04FBVS02	SQL Server Implementaion and Maintenance	T	4	3	4	30/8	70/28	100/40
	US04FBVS03	Operations Research	T	4	3	4	30/8	70/28	100/40
Core Courses:	US04CBVS01	Operating System Concepts	T	4	3	4	30/8	70/28	100/40
	US04CBVS02	Practicals – VII	7	3	7	--	100/40	100/40	
	US04CBVS03	Practicals – VIII	P	7	3	7	--	100/40	100/40

