SKILL DEVELOPMENT CENTRE
Faculty Of Engineering & Technology
JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR

Bachelor of Vocation (B.Voc) In Digital Technology
Curriculum & Training based on National Occupational Standards As Per NSQF

With Multiple Entry/Exit Facilities

S.No	Semester-1		Credit	
1	Human computer interface	General Education Component		
2	IT & Society	General Education Component		
3	Web technology	Skill Component	3	
4	Web technology lab	Skill Component lab	2	
5	Programming in "C"	Skill Component	3	
6	Practical Programming in "C"	Skill Component lab	2	
7	Fundamental computer	Skill Component	3	
8	Fundamental computer lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	**12**
			30	

Note:
Exit: *If Exit after obtaining I Semester Credits/Completion of I Semester, C.Voc – Certificate will be awarded in Website Developer*
Entry: *With NSQF level 4 Entry in II Semester*

S.No	Semester-2		Credit	
1	System Analysis And Design	General Education Component		6
2	Digital Computer Organization	General Education Component		6
3	Computer graphics	Skill Component	3	
4	Computer graphics lab	Skill Component lab	2	
5	Object Oriented Programming	Skill Component	3	
6	Object Oriented Programming Lab	Skill Component lab	2	
7	Multimedia application	Skill Component	3	
8	Multimedia application lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	**12**
			30	

Note:
Exit: *If Exit after obtaining I & II Semester Credits/Completion of I & II Semester, D.Voc – Diploma will be awarded in Graphics Designing*
Entry: *With NSQF level 5 Entry in III Semester*

S.No	Semester-3		Credit	
1	Computer H/W & Maintenance	General Education Component		6
2	E-commerce and ERP	General Education Component		6
3	Internet Programming	Skill Component	3	
4	Internet Programming Lab	Skill Component lab	2	
5	Object Oriented Programming In C++	Skill Component	3	
6	Object Oriented Programming In C++ Lab	Skill Component lab	2	
7	Software engineering	Skill Component	3	
8	Software engineering lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	**12**
			30	

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S.No	Semester-4		Credit	
1	Numerical Computation	General Education Component		6
2	Network Administration	General Education Component		6
3	Object Oriented Programming In Java	Skill Component	3	
4	Object Oriented Programming In Java Lab	Skill Component lab	2	
5	Computer animation	Skill Component	3	
6	Computer animation lab	Skill Component lab	2	
7	Programming With Visual Basic	Skill Component	3	
8	Programming With Visual Basic Lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	12
			30	

Note:
Exit : *If Exit after obtaining I , I, III & IV Semester Credits/Completion of I, II, III & IV Semester, A.D.Voc– Advance Diploma will be awarded in E-Marketing Tools & Planning*
Entry: *With NSQF level 6 Entry in V Semester*

S.No	Semester - 5		Credit	
1	Software Project Management	General Education Component		6
2	Data administration techniques	General Education Component		6
3	Web Development Techniques	Skill Component	3	
4	Web Development Techniques Lab	Skill Component lab	2	
5	Advance Software Engineering	Skill Component	3	
6	Advance Software Engineering Lab	Skill Component lab	2	
7	Database Management System	Skill Component	3	
8	Database Management System Lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	12
			30	

S.No	Semester - 6		Credit	
1	Cryptography	General Education Component		6
2	Data Ware Housing and Data Mining	General Education Component		6
3	Python & Ruby	Skill Component	3	
4	Python & Ruby lab	Skill Component lab	2	
5	Core Java	Skill Component	3	
6	Core Java Lab	Skill Component lab	2	
7	Open Source Technology	Skill Component	3	
8	Open Source Technology Lab	Skill Component lab	2	
9	Industrial Training	Skill Component	3	
			18	12
			30	

Note:
Exit: *B.Voc- Degree will be Awarded in Digital Technology after obtaining I - VI Semester Credits/Completion of Program.*