PES Modern College of Arts,Science & Commerce (Automonous), Ganeshkhind Structure of Four Year Degree BCA(Science) Programme

SYBCA(Science) NEP

Level	Sem	Credits related to Major					Minor	OE	SEC	AEC	VEC	CC	Total
		Mandatory	Elective	VSC	IKS	FP / CEP / OJT							
	Vertical	V-1	V-1	V-4	V-5	V-6	V-2	V-3	V-4	V-5	V-5	V-6	
		Exit Option : Award of UG Certificate in Major with 44 Credits and additional 4 credits core NSQF course / Internship or continue with Major and Minor											
X	3	4 (T) +2 (T) +2 (P)	0	**2 (T)**	0	2 (FP)	2 (T) + 2 (P)	2 (T)	0	2	0	2	22
		BCA23101 Data Structure (T) (4) BCA23102 Advanced Database Management System (T) (2) BCA23103 Data Structure & Advanced Database Management System laboratory (P) (2)		BCA23407 Computer Networks (T) (2)		BCA23608 Project Based Learning-I: C / Data Structure (2)	BCA23204 Data Science (T) (2) BCA23205 Data Science & Web Designing Laboratory (P) (2)	BCA23306 Introduction to C++ for Art and Commerce(2)		ENG2350X English for All: An Emphasis on LSRW /Hindi /Marathi (2)		PHE2360X Cultural Activities/Fine/Performing Arts (2)	
5	4	2 (T)+ 2 (T) +2 (T) +2 (P)	0	0	0	2 (CEP)	2 (T) + 2 (P)	2 (P)	2 (T/P)	2	0	2	22
		BCA24101 Core JAVA (T) (2) BCA24102 Python programming (T) (2) BCA24103 Vedic Mathematics and Computing(T) (2) BCA24104 Core JAVA Programming Laboratory (P) (2)				BCA24609 Project Based Learning-II: AI / Java/ Python (2)	BCA24205 Artificial Intelligence (T) (2) BCA24206 Artificial Intelligence Laboratory (T) (2)	BCA24307 Python Programming for Art and Commerce(2)	BCA24408 Python Programming & IoT Laboratory (P) (2)	ENG2450X Interview and Professional Skills/Hindi/Marathi (2)		PHE2460X Fitness (2)	
		12+16=28	0	6	2	4	10	12	6	8	4	8	88
		Exit Option : Award of UG Diploma in Major and Minor with 88 Credits and additional 4 credits core NSQF course / Internship or continue with Major and Minor											