



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B. Tech. Scheme of Examination & Syllabus 2022-23

COMPUTER SCIENCE & BUSINESS SYSTEMS

FIFTH SEMESTER

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	22CB501T	Software Design with UML	2	-	-	2	15	35	50
2	PCC	22CB501P	Software Design with UML Lab	-	-	2	1	25	25	50
3	PCC	22CB502T	Compiler Design	4	-	-	4	30	70	100
4	PCC	22CB502P	Compiler Design Lab	-	-	2	1	25	25	50
5	PEC	22CB503T	Fundamentals of Management	2	-	-	2	15	35	50
6	PEC	22CB504T	Business Strategy	2	-	-	2	15	35	50
7	AEC	22CB505T	Business Communication & Value Science – III	2	-	-	2	15	35	50
8	PCC	22CB506T	Professional Elective I	3	-	-	3	30	70	100
9	PCC	22CB506P	Professional Elective I Lab	-	-	2	1	25	25	50
10	PEC	22CB507T	Professional Elective II	3	-	-	3	30	70	100
11	ELC	22CB508P	Mini Project	-	-	2	1	25	25	50
Total				18	8	22	22	250	450	700

22CB506T	Professional Elective I
22CB506T(i)	PE-I Conversational Systems
22CB506T(ii)	PE-I Cloud, Microservices & Application
22CB506T(iii)	PE-I Machine Learning

22CB507T	Professional Elective II
22CB507T(i)	PE-II Behavioral Economics
22CB507T(ii)	PE-II Computational Finance & Modeling
22CB507T(iii)	PE-II Psychology

		July 2024	1	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



SIXTH SEMESTER

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	22CB601T	Computer Networks	4	-	-	4	30	70	100
2	PCC	22CB601P	Computer Networks Lab	-	-	2	1	25	25	50
3	PCC	22CB602T	Information Security	3	-	-	2	30	70	100
4	PCC	22CB602P	Information Security Lab	-	-	2	1	25	25	50
5	PCC	22CB603T	Artificial Intelligence	3	-	-	3	30	70	100
6	PCC	22CB603P	Artificial Intelligence Lab	-	-	2	1	25	25	50
7	PEC	22CB604T	Financial & Cost Accounting	2	-	-	2	15	35	50
8	AEC	22CB605T	Business Communication & Value Science – IV	2	-	-	2	15	35	50
9	PEC	22CB606T	Professional Elective III	3	-	-	3	30	70	100
10	PEC	22CB606P	Professional Elective III Lab	-	-	2	1	25	25	50
11	PEC	22CB607T	Professional Elective IV	2	-	-	2	30	70	100
12	PEC	22CB607P	Professional Elective IV Lab	-	-	2	1	25	25	50
Total				19	10	23	23	305	545	850

22CB606T	Professional Elective III
22CB606T(i)	PE-III Robotics and Embedded Systems
22CB606T(ii)	PE-III Modern Web Applications
22CB606T(iii)	PE-III Data Mining and Analytics

22CB607T	Professional Elective IV
22CB607T(i)	PE-IV Enterprise Systems
22CB607T(ii)	PE-IV Advance Finance
22CB607T(iii)	PE-IV Image Processing and Pattern Recognition

		July 2024	1	Applicable for 2024-25
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