



SEMESTER III

Sr No	Course Category	Course Code	Course Title	Hour per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	BSC	23CS301T	Applied Mathematics – III	3	1	-	4	30	70	100
2	PCC	23CS302T	Data Structures	4	-	-	4	30	70	100
3	PCC	23CS302P	Data Structures Lab	-	-	2	1	25	25	50
4	PCC	23CS303T	Digital Circuits and Fundamentals of Microprocessor	3	1	-	4	30	70	100
5	PCC	23CS303P	Digital Circuits and Fundamentals of Microprocessor Lab	-	-	2	1	25	25	50
6	PCC	23CS304T	Information Security Fundamentals	4	-	-	4	30	70	100
7	SEC	23CS305P	Career Development III	-	-	2	1	50	-	50
8	VEC	23ES301T	Value Education Course - I	2	-	-	2	15	35	50
9	ELC	23CS306P	Micro Project I*	-	-	2	1	50	-	50
10	MDM	23CS331M	MDM-I Fundamentals of Network Security	2	-	-	2	15	35	50
Total				18	2	8	24	300	400	700

23CS331M	Multidisciplinary Minor -I
23CS331M (i)	MDM-I Fundamentals of Network Security

		July 2024	1.0	Applicable for 2023-24
Chairman - BoS	Dean – Academics	Date of Release	Version	



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR
 (An autonomous institution affiliated to Rashtasant Tukadoji Maharaj Nagpur University)
B. Tech. Scheme of Examination & Syllabus 2023-24
Computer Science & Engineering (Cyber Security)

SEMESTER IV

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	23CS401T	Mathematics for Cyber Security	3	-	-	3	30	70	100
2	PCC	23CS402T	Database management Systems	3	-	-	3	30	70	100
3	PCC	23CS402P	Database management Systems Lab	-	-	2	1	25	25	50
4	PCC	23CS403P	Computer Lab -I (Object Oriented Programming)	-	-	2	1	25	25	50
5	PCC	23CS404T	Network Security Fundamentals	3	-	-	3	30	70	100
6	PCC	23CS405P	Cyber Security Lab-I	-	-	2	1			
7	OE	23CS461O	Open Elective - I	2	-	-	2	30	70	100
8	VSC	23CS406T	Technical Skill Development - I	2	-	-	2	15	35	50
9	VEC	23ES401T	Value Education Course- II	2	-	-	2	50	-	50
10	SEC	23CS407T	Career Development - IV	2	-	-	2	15	35	50
11	ELC	23CS408P	Micro Project II*	-	-	2	1	50	-	50
Total				17		8	21	300	400	700
11	MDM	23CS431M	MDM-II Open Source and Open standards	3	-	-	3	30	70	100
Total				20		8	24	300	400	700

* Field Project or Community engagement project in the major discipline

Multidisciplinary Minor-II	
23CS431M	MDM-II Open Source and Open standards



Open Elective - I	
23CS461O -I	OE-I Basics of Ethical Hacking
23CS461O -II	OE-I Security in IOT
23CS461O -III	OE-I Fundamentals of Cryptography

		July 2024	1.0	Applicable for 2023-24
Chairman - BoS	Dean – Academics	Date of Release	Version	



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR
(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B. Tech. Scheme of Examination & Syllabus 2023-24
Computer Science & Engineering (Cyber Security)

		July 2024	1.0	Applicable for 2023-24
Chairman - BoS	Dean – Academics	Date of Release	Version	