

Tilak Maharashtra Vidyapeeth  
Department of Computer Science  
B. Sc. (Cyber Security) (760) course structure 2024-25

<b>B. Sc. (Cyber Security) (760) (2024-25)</b>											
Subject Code	Subject Name	Category	Total Credits	Semester	EXT Marks	INT Marks	Tot. Marks	Credit Th	Credit Pr	Total Credits	
BSCC24-101	C Programming	Core	3	<b>First</b>	60	40	100	4	-	20	
BSCC24-102	Mathematics	Core	4		60	40	100	4	-		
BSCC24-103	Computer & Network Fundamentals	Interdisciplinary	3		60	40	100	3	-		
BSCC24-104	Operating System	DSC	3		60	40	100	3	-		
BSCC24-105	English	AECC	2		30	20	50	2	-		
BSCC24-106	Sanskrit										
VAC105	Nitishataka Purvardha (Marathi)	Open Elective	2		-	50	50	2	-		
VAC109	Gender Perspectives										
BSCC24-107	Logic Development	DSC	2		-	50	50	2	-		
BSCC24-108	C Programming (PR)	Core-LAB	1	30	20	50	-	1			
			20			600					
BSCC24-201	Object Oriented Programming using C++	Core	3	<b>Second</b>	60	40	100	3	-	20	
BSCC24-202	Statistics	Core	4		60	40	100	4	-		
BSCC24-203	Structured System Analysis and Design	DSC	3		60	40	100	3	-		
BSCC24-204	Cyber Security Level - I	Core	3		60	40	100	3	-		
BSCC24-205	Communication Skills	AECC	2		30	20	50	2	-		
BSCC24-206	Yoga	Open Elective	2		30	20	50	-	2		
OR	OR										
VAC207	Nitishataka Uttarardha (Marathi)							2	-		
OR	OR										
VAC211	Moral Values						2	-			
IKS24	Indian Knowledge System (IKS)	IKS	2	-	50	50	2	-			
BSCC24-207	Object Oriented Programming using C++ (PR)	Core-Lab	1	30	20	50	-	1			
			20			600					

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BSCC24-301	Advanced Web Designing	Core	3	Third	60	40	100	3	-	20
BSCC24-302	Database Management System (DBMS)	Core	3		60	40	100	3	-	
BSCC24-303	Environmental Studies	Value Added Course	4		60	40	100	4	-	
BSCC24-304	Cyber Security Level -II	Core	3		60	40	100	3	-	
BSCC24-305	Marathi	AECC	2		30	20	50	2	-	
BSCC24-306	Japanese									
SEC301	Advanced Excel	Skill Enhancement Course	2		-	50	50	2	-	
BSCC24-307	Introduction to IoT	DSC	2		-	50	50	2	-	
BSCC24-308	Advanced Web Designing (PR)	Core-Lab	1	30	20	50	-	1		
			20			600				
BSCC24-401	Advanced Database Management System	Core	3	Fourth	60	40	100	3	-	20
BSCC24-402	Java Programming	Core	3		60	40	100	3	-	
BSCC24-403	Software Testing & Quality Assurance	DSC	3		60	40	100	3	-	
BSCC24-404	Unified Modeling Language(UML)	DSC	3		60	40	100	3	-	
BSCC24-405	Content Writing	Skill Enhancement Course	2		30	20	50	2	-	
BSCC24-406	Soft Skills	Open Elective	2		-	50	50	1	1	
OR VAC403	Personality Development							2	-	
VAC408	Fundamentals of Share Trading	Value Added Course	2		-	50	50	2	-	
BSCC24-407	Java Programming (PR)	Core-LAB	1	30	20	50	-	1		
BSCC24-408	Advanced Database Management System (PR)	Core-LAB	1	30	20	50	-	1		
			20			650				

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BSCC24-501	Python Programming	Core	3	Fifth	60	40	100	3	-	20
BSCC24-502	Linux	Core	3		60	40	100	3	-	
BSCC24-503	C# Basics	DSC	2		-	50	50	2	-	
BSCC24-504	E-Commerce	Interdisciplinary	3		60	40	100	3	-	
BSCC24-505	Data Mining	DSC	2		-	50	50	2	-	
BSCC24-506	Business Applications	Interdisciplinary	2		30	20	50	2	-	
BSCC24-507	Cyber Security Level -III	Multidisciplinary	3		60	40	100	3	-	
BSCC24-508	Python Programming (PR)	Core-LAB	1		30	20	50	-	1	
BSCC24-509	Linux (PR)	Core-LAB	1		30	20	50	-	1	
			20			650				
BSCC24-601 OR BSCC24-602	Advanced Java OR Android Programming	Core	3	Sixth	60	40	100	3	-	20
BSCC24-603	Virtualisation & Cloud Technology	DSC	3		60	40	100	3	-	
BSCC24-604	Project	Core	4		60	40	100	-	4	
BSCC24-605 OR BSCC24-606	Intellectual Property (Mooc) OR Cyber Crime Administration (Mooc)	Open Elective	4		-	100	100	4	-	
BSCC24-607	Internship	Internship	4		-	100	100	-	4	
BSCC24-608 OR BSCC24-609	Advanced Java (PR) OR Android Programming (PR)	Core-LAB	1		30	20	50	-	1	
BSCC24-610	Virtualisation & Cloud Technology (PR)	DSC-LAB	1		30	20	50	-	1	
			20				600	<b>Total Credit</b>	<b>120</b>	