

B.Sc. (Cyber Security) (760)

Library Deposit : (Refundable) Rs. 2000/- (2 books) to be paid separately.
(Only for BCA 044 & BSC 760)

Caution Fee Deposit : (Refundable) 5000/-

Value Added Input :

- Training in Soft Skills
- Training in Language Proficiency at English Language Laboratory
- Exclusive Cyber Security courses for TMV students at a reasonable cost.

Medium : English

Fee Structure for the academic year 2024-25 :

	First Year	Second Year	Third Year	Honours
Eligibility	1000	-	-	-
Admission	2000	2000	2000	2000
Examination	3000	3000	3000	3000
Tuition	28500	33000	37000	41000
Lab / Practical	30000	31500	32500	32500
Library	500	500	500	500
Total	65000	70000	75000	79000

Programme Details



**Opportunities
at exit point**

- : 1) In IT as a Software Professional
2) Software / Hardware / Technical Support in Multi-National Companies
3) Can run own Business for Hardware/Technical support
4) In Teaching Field
5) As Web Designer / Developer
6) Testing
7) Higher Education - MCA / MSC / MBA / Other PG Qualification

Bachelor of Science (Cyber Security) (760)

COURSE STRUCTURE

As per U.G.C. norms Choice Based Credit System is implemented from the academic year 2015-16
Details are available with the department.

Semester - I

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-101	C Programming	Core	3	60	40	100	3	-
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 OR BSCC24-106	English OR Sanskrit	AECC	2	30	20	50	2	-
VAC105 OR VAC109	Nitishataka Purvardha (Marathi) OR Gender Perspectives	Open Elective	2	-	50	50	2	-
BSCC24-107	Logic Development	DSC	2	-	50	50	2	-
BSCC24-108	C Programing (PR)	Core-Lab	1	30	20	50	-	1
			20		600			

Semester - II

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-201	Object Oriented Programming using C++	Core	3	60	40	100	3	-
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 - 1	Core	3	60	40	100	3	-
BSCC24-205	Communication Skills	AECC	2	30	20	50	2	-
BSCC24-206 OR VAC207 OR VAC211	Yoga OR Nitishataka Uttarardha (Marathi) OR Moral Values	Open Elective	2	30 - -	20 50 50	50	2 2 2	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		

Semester - III

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-301	Advanced Web Designing	Core	3	60	40	100	3	-
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 OR BSCC24-306	Marathi OR Japanese	AECC	2	30	20	50	2	-
SEC-301	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		

Semester - IV

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-401	Advanced Database Management System	Core	3	60	40	100	3	-
BSCC24-402	Java Programming	Core	3	60	40	100	3	-
BSCC24-403	Software Testing And 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 OR VAC-403	Soft Skills OR Personality Development	Open Elective	2	-	50	50	1	1
VAC-408	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		

Semester - V

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-501	Python Programming	Core	3	60	40	100	3	-
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		

Semester - VI

Subject Code	Name of Subject	Category of Subject	Total Credits	Ext. Marks	Int. Marks	Total Marks	Credits	
							TH	PR
BSCC24-601 OR BSCC24-602	Advanced Java OR Android Programming	Core	3	60	40	100	3	-
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		