

Sant Gadge Baba Amravati University Amravati

B.Sc. in Cyber Security Semester I

Sr. No	Type	Subject Code	Subject	Teaching and Learning Scheme					Credits	Duration of Exam Hrs	Examination and Evaluation Scheme					
				Teaching Period per week				Total Hrs			Maximum Marks		Total marks	Minimum passing Marks		
				L	T	P	Internal				External			Marks	Grade	
											th	pr				
1	AEC	1CS1	English Composition and Communication	2	-	-	2	2	2	40	-	10	50	20	P	
2	AEC	1CS2	Elements of Computer	2	-	-	2	2	2	40	-	10	50	20	P	
3	Core Skill	1CS3	Computer organization and Architecture	3	-	-	3	3	3	80	-	20	100	40	P	
4	Core Skill	1CS4	Fundamentals of Computer programming	3	-	-	3	3	3	80	-	20	100	40	P	
5	Core Skill	1CS5	Basics of Cyber Security	3	-	-	3	3	3	80	-	20	100	40	P	
6	SEC/LAB	1CS6	Computer Hardware and Networking – LAB	-	-	2	4	2	-	-	25	25	50	20	P	
7	SEC/LAB	1CS7	LAB based on 1CS4	-	-	2	4	2	-	-	25	25	50	20	P	
8	SEC	1CS8	Data Communication & Networking	3	-	-	3	3	-	80	-	20	100	40	P	
9	VEC	1CS9	Cyber Ethics	2	-	-	2	2	2	College Level Exam		50	20	P		
10	Self-Learning Hrs		MOOCS/SWYAM/NEPTEL/ Courses for Core skills of Cyber Security	-	-	-	4	-	-	-	-	-	-	-	-	
11	Assessment Hrs	-	-	-	-	-	6	-	-	-	-	-	-	-	-	
TOTAL							36	22				650				
Sem -I Total Credit			22	Total Marks			650									

Internship will be conducted after 1st semester till 5th semester in vacations for minimum 60 hrs. It's 2 credits will be reflected in final semester credit grade report.

Sant Gadge Baba Amravati University Amravati

B.Sc. in Cyber Security Semester II

Sr. No	Type	Subject Code	Subject	Teaching and Learning Scheme					Duration of Exam Hrs	Examination and Evaluation Scheme					
				Teaching Period per week				Credits		Maximum Marks		Total marks	Minimum passing Marks		
				L	T	P	Total Hrs			External	Internal		Marks	Grade	
															th
1	AEC	2CS1	Communication Skills	2	-	-	2	2	2	40	-	10	50	20	P
2	AEC	2CS2	Digital Electronics	2	-	-	2	2	2	40	-	10	50	20	P
3	Core Skill	2CS3	Database management system	4	-	-	4	4	3	80	-	20	100	40	P
4	Core Skill	2CS4	Data Structure and Algorithms	3	-	-	3	3	3	80	-	20	100	40	P
5	Core Skill	2CS5	Object Oriented Programming through Java	3	-	-	3	3	3	80	-	20	100	40	P
6	SEC/LAB	2CS6	DBMS – LAB	-	-	2	4	2	-	-	25	25	50	20	P
7	SEC/LAB	2CS7	DSA – LAB	-	-	2	4	2	-	-	25	25	50	20	P
8	SEC	2CS8	Java – LAB	-	-	2	4	2	-	-	25	25	50	20	P
9	VEC	2CS9	Environmental Ethics	2	-	-	2	2	2	College Level Exam		50	20	P	
10	Self-Learning Hrs		MOOCS/SWYAM/EduHub/Courses for Core skills of Cyber Security	-	-	-	2	-	-	-	-	-	-	-	-
11	Assessment Hrs	-	-	-	-	-	6	-	-	-	-	-	-	-	-
TOTAL							36	22					600		
Sem -II Total Credit			22	Total Marks				600							

Internship will be conducted after Ist semester till Vth semester in vacations for minimum 60 hrs. It's 2 credits will be reflected in final semester credit grade report.