

**Sant Gadge Baba Amravati University Amravati**  
**Diploma in Cyber Security (1 Year)**  
**NSQF Level 5**

Sr. No.	type	SubjectCode	Subject	Teaching Scheme (Hrs./Week)			Credit	Examination and Evaluation Scheme						
				Th.	Pr.	Total		Exam Duration (Hrs.)	Max. Marks		TotalMarks	Min. Passing Marks		
									External Marks			Internal Marks	Th.	Pr.
									TH	PR				
<b>SEMESTER 1</b>														
1	Core Skill	1DCS1	Cyber Security Techniques	4		4	4	3	80	-	20	100	40	-
2	Core Skill	1DCS2	Introduction to Ethical Hacking	4		4	4	3	80	-	20	100	40	-
3	Core Skill	1DCS3	Computer Network and Security	4		4	4	3	80	-	20	100	40	-
4	Core Skill	1DCS4	Fundamentals of Cyber Laws	3		3	3	3	80	-	20	100	40	-
5	SEC/lab	1DCS5	Cyber Security Techniques - LAB		2	2	1	-	-	25	25	50	-	20
6	SEC/lab	1DCS6	Network programming - LAB		2	2	1	-	-	25	25	50	-	20
7	SEC/lab	1DCS7	Penetration testing with Linux		2	2	1	-	-	25	25	50	-	20
8	GE	1DCS8	Intellectual property rights in cyber space	3	2	5	4	2	60	20	20	100	40	-
9	GE	1DCS9	Communication Skills I	3	2	5	4	2	60	20	20	100	40	-
10	GE	1DCS10	Information Ethics	3	2	5	4	2	60	20	20	100	40	-
			<b>TOTAL</b>			<b>36</b>	<b>30</b>					<b>850</b>		
<b>SEMESTER 2</b>														
1	Core Skill	2DCS1	Cryptography	4		4	4	3	80	-	20	100	40	-
2	Core Skill	2DCS2	Digital Forensic and Security	4		4	4	3	80	-	20	100	40	-
3	Core Skill	2DCS3	Web Security	3		3	3	3	80	-	20	100	40	-
4	DSE	2DCSE1 2DCSE2	E1: Cloud Computing fundamentals and Security E2 : Application and Network Security	3		3	3	3	80	-	20	100	40	-
5	SEC	2DCS4	LAB based on 2DCS/1/2/3		2	2	1	-	-	25	25	50	-	20
6	SEC	2DCS5	Project/Internship	1	2	3	2	-	-	25	25	50	-	20
7	SEC	2DCS6	LAB based on 2DCSE1/E2		2	2	1	-	-	25	25	50	-	20
8	GE	2DCS7	E-Commerce Legal Issues	3	2	5	4	2	60	20	20	100	40	-
9	GE	2DCS8	Cyber Attacks and Counter Measures	3	2	5	4	2	60	20	20	100	40	-
10	GE	2DCS9	Communication Skills II	3	2	5	4	2	60	20	20	100	40	-
			<b>TOTAL</b>			<b>36</b>	<b>30</b>					<b>850</b>		

