

SantGadgeBabaAmravatiUniversityAmravati

B.Sc. (Data Science and Analytics) - Semester III

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	Grade				
														th	pr	
1	AEC	3DA1	Introduction to Natural Language Processing	3	-	-	3	3	2	40	-	10	50	20	P	
2	DSE	3DA2	E1: Big Data Technology E2: Cloud Computing	4	-	-	4	4	3	80	-	20	100	40	P	
3	Core Skill	3DA3	Data Analytics using R	4	-	-	4	4	3	80	-	20	100	40	P	
4	Core Skill	3DA4	Business Analytics	3	-	-	3	3	3	80	-	20	100	40	P	
5	SEC/LAB	3DA5	R programming - LAB	-	-	2	4	2	-	-	25	25	50	20	P	
6	SEC/LAB	3DA6	Business Analytics - LAB	-	-	2	4	2	-	-	25	25	50	20	P	
7	SEC/LAB	3DA7	LAB based on 3DA2	-	-	2	4	2	-	-	25	25	50	20	P	
8	VEC	3DA8	Environment Studies	2	-	-	2	2	2	College Level Exam		50	20	P		
9	Self-Learning Hrs		MOOCS/SWYAM/EduHub/Courses for Coreskills of Data Science	-	-	-	2	-	-	-	-	-	-	-	-	
10	Assessment Hours			-	-	-	06	-	-	-	-	-	-	-	-	
TOTAL						36	22					550				
Sem-III Total Credit			22	Total Marks			550									

Note: Internship will be conducted after 1st semester till 4th semester in vacations for minimum 60 Hours. It's 2 credits will be reflected in final semester credit grade report.

SantGadgeBabaAmravatiUniversityAmravati

B.Sc. (Data Science and Analytics) - SemesterIV

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	4DA1	Cloud Services for IOT	3	-	-	3	3	3	80	-	20	100	40	P	
2	Core Skill	4DA2	Machine Learning	3	-	-	3	3	3	80	-	20	100	40	P	
3	DSE	4DA3	E1: Computer Vision E2: Computer Networks	3	-	-	3	3	3	80	-	20	100	40	P	
4	Core Skill	4DA4	Data Handling and Visualization	3	-	-	3	3	3	80	-	20	100	40	P	
5	SEC/LAB	4DA5	Data Handling and Visualization-LAB	-	-	2	4	2	-	-	25	25	50	20	P	
6	SEC/LAB	4DA6	Machine Learning-LAB	-	-	2	4	2	-	-	25	25	50	20	P	
7	SEC	4DA7	Operating System	3	-	-	3	3	-	80	-	20	100	20	P	
8	VEC	4DA8	Ethics and Etiquette of social media	3	-	-	3	3	2	College Level Exam		50	20	P		
9	Self-Learning Hrs		MOOCS/SWYAM/Coursera/Courses for Core skills of Data Science	-	-	-	4	-	-	-	-	-	-	-		
10	Assessment Hours			-	-	-	06	-	-	-	-	-	-	-		
TOTAL							36	22				650				
Sem-IV Total Credit			22	Total Marks			650									

Note: Internship will be conducted after 1st semester till 4th semester in vacations for minimum 60 Hours. It's 2 credits will be reflected in final semester credit grade report.