

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**  
**Scheme of Teaching, Learning & Examination leading to the P. G. Diploma in Data Analysis (NEP)**  
**(One Year Two Semesters P. G. Diploma Programme)**

Curriculum Scheme for First Year PG Diploma in Data Analysis SEM I & II																		
Sr.N o.	Course Category	Subject Code No.	Subject/ Course	Credit	Teaching and Learning Scheme				Examination and Valuation Scheme									
					Lectures	Tutorial	Practical	Hours /Week	Theory					Practical				
									Duration of Paper (Hrs)	Max Marks Theory Papers	Max Marks Sessional	Total	Min Pass Marks	Duration of Exam	External Marks	Internal Marks	Total	Mim Pass Marks Grade
<b>Semester -1</b>																		
1	Pre-requisite Mandatory	0PGDDA	Introduction to Computers	0	2	-	-	2	2	40	10	50	25	-	-	-	-	
2	Core/Major	1PGDDA1	Basics of Data Analysis	4	4	-	-	4	3	70	30	100	50	-	-	-	-	
3	Core/Major	1PGDDA2	Business Analysis using MS-Excel	4	4	-	-	4	3	70	30	100	50	-	-	-	-	
4	Core/Major	1PGDDA3	Python Language	4	4	-	-	4	3	70	30	100	50	-	-	-	-	
5	Lab	1PGDDA4	Lab-1: based on 1PGDDA2 and 1PGDDA3	2	-	-	4	4	-	-	-	-	-	3	25	25	50	25
6	Skill	1PGDDA5	Project/Seminar-I	4	-	-	8	8	-	-	-	-	-	3	50	50	100	25
			<b>TOTAL</b>	<b>18</b>	<b>14</b>	<b>-</b>	<b>12</b>	<b>26</b>		<b>250</b>	<b>100</b>	<b>350</b>			<b>75</b>	<b>75</b>	<b>150</b>	

**SANT GAUGE BABA AMRAVATI UNIVERSITY, AMRAVATI**  
**Scheme of Teaching, Learning & Examination leading to the P. G. Diploma in Data Analysis (NEP)**  
**(One Year Two Semesters P. G. Diploma Programme)**

Curriculum Scheme for First Year PG Diploma in Data Analysis SEM I & II																			
Sr.N o.	Course Category	Subject Code No.	Subject/ Course	Credit	Teaching and Learning Scheme				Examination and Valuation Scheme										
					Lectures	Tutorial	Practical	Hours /Week	Theory					Practical					
									Duration of Paper (Hrs)	Max Marks Theory Papers	Max Marks Sessional	Total	Min Pass Marks	Duration of Exam	External Marks	Internal Marks	Total	Mim Pass Marks Grade	
<b>Semester -2</b>																			
1	Core/Major	2PGDDA1	RDBMS and PL/SQL	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-	
2	Core/Major	2PGDDA2	R Programming	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-	
3	Core/Major	2PGDDA3	Data Analytics using R and Python	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-	
4	Lab	2PGDDA4	Lab-2: based on 2PGDDA2 and 2PGDDA3	2	-	-	4	4	-	-	-	-	-	3	25	25	50	25	
5	Skill	2PGDDA5	Project/Seminar-II	6	-	-	12	12	-	-	-	-	-	3	100	100	200	100	
6	Skill	2PGDDA6	Internship/Field Visit*	2	-	-	4	2	-	-	-	-	-			50	50	25	
			<b>Total</b>	<b>22</b>	<b>12</b>		<b>20</b>	<b>30</b>		<b>210</b>	<b>90</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>125</b>	<b>175</b>	<b>300</b>	<b>-</b>	

\*Students are required to undertake mandatory internship Apprenticeship/Field Work/Work Experience (During vacation of Semester I ) for duration of 60 hours, certified by authentic responsables during vacation of Semester I. This will carry 2 Credit for learning of 60 hours. Its credits and grades will be reflected in final semester II Credit grade report.