#### APPENDIX – A5.2

## SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

## **Examinations leading to the Degree of Bachelor of Science**

Three Years (Six Semesters) Degree Programme under Choice Based Credit System (CBCS)

Scheme of Teaching, Learning, Examination and Evaluation (B.Sc. -Statistics) (Semester-V)

							Teaching & Le		me	Duration of Exams								
			<b>Teaching Period Per we</b>						Credits	Hrs.	Maximum Marks					Minimum Passing		
Sr. No	Subject	Subject Code	T	T	P	Total	Theory/ Tutorial	Practical	Total		Theory + M.C.Q	Skill Enhancement	Pra	ctical	Total Marks	Marks	Grade	
			L	T   1	Ρ						Ext.	Module (SEM) Int.	Internal	External				
1	(DSC-25) Sampling theory and Design of experiment		6	-	-	6	4.5	-	4.5	3	80	20	-	-	100	40	P	
2	Practical for (DSC-25)		-	-	6	6	-	2.25	2.25	3	-	-	25	25	50	25	Р	
3	(DSC-26)															40	Р	
4	Practical for (DSC-26)															25	Р	
5	DSC-27															40	Р	
6	Practical for DSC-27															25	Р	

	Mini-Project/Hands-on Training/Workshop/DIY related to Subject excluding Mathematics Phase I		-	6	6		2.25	2.25	2	Internal Assessment by college/institute/department				50	25	Р
8	*Open Elective Course (OEC)					75 hrs extracurric	(during sessicular and co-c	on) optional to curricular activities								
9	Internship/Apprenticeship/Fi eld Work/Work Experience					resulting into	earning of 5 (a) O Hours ma	rom Sem II to Sem V Credits ndatory resulting into								
	Total				42			22.5						500		

L: Lecture, T: Tutorial, P: Practical, DIY: Do It Yourself activity

#### Notes:

- 1. Internship/Apprenticeship/Field Work/Work Experience is Mandatory. It can be carried out cumulatively from Semester I to Semester V for a duration of 150 Hours resulting into earning of 5 Credits (Minimum 120 Hours resulting into earning of 4 Credits is mandatory for every student). Internship / Apprenticeship/Field Work / Work Experience will be conducted after I semester till Vth semester in vacations for minimum 120 hrs, cumulatively entailing 4 Credits. It's credits and grades will be reflected in final semester VI credit grade report.
- 2. Teaching period in the various subjects in the faculty of science shall be as prescribed by the executive council dated 1/2-4-1977, 11-7-1977 Appendix-P
- 3. If DSC (excluding Mathematics) is Physics, then 2 Tutorial be added.
- 4. There shall be Skill Enhancement Module (SEM) in each course of DSC and DSE
- 5. OEC (Optional) can be studied during semester I to V, Its credits and grades will be reflected in final semester VI credit grade report. OEC may be opted from Sem I to Sem V. It is comprised of GIC, Skill Course and MOOC (through SWAYAM)
- 6. Minimum 10% of the total credits of the UG (Bachelor's Degree) programme, that is, at least 12 credits are mandatory to be earned by all the students from Ancillary Credit Courses as mentioned in Table A (SGBAU, Direction No. 76/2022, Date 06/10/2022)
- 7. **Extra-curricular and co-curricular activities**: Maximum 5 Credits may be earned through Extra-curricular and co-curricular activities, which will be an option to OEC (maximum 75 hours and 5 credits), so that students performing in such activities shall be given exemption from undertaking OEC.

APPENDIX – A6.2

# SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI Examinations leading to the Degree of Bachelor of Science

### Three Years (Six Semesters) Degree Programme under Choice Based Credit System (CBCS)

Scheme of Teaching, Learning, Examination and Evaluation (B.Sc. –III (Statistics) (Semester-VI)

							Teaching & L	earning Sche	eme	Duration of Exams		I	Examination	n & Evaluat	ie		
			Teaching Period Per week						Credits	Hrs.	Maximum Marks					Minimum Passing	
Sr. No		Subject Code	T	Т	P	Total	Theory/ Tutorial	Practical	Total		Theory + M.C.Q	Skill Enhancement	Practical		Total Marks	Marks	Grade
			L	1	F						Ext.	Module (SEM) Int.	Internal	External			
1	DSE – I Elective Basket for Subject-I Optimization & Research Methodology		6	-	-	6	4.5	-	4.5	3	80	20	-	-	100	40	P
2	Practical for (DSE-I)		-	-	6	6	-	2.25	2.25	3	-	-	25	25	50	25	Р
3	DSE-II Elective Basket for Subject-II from Subject excluding Mathematics		6	-	-	6	4.5	-	4.5	3	80	20	-	-	100	40	Р
4	Practical for (DSE-II)		-	-	6	6	-	2.25	2.25	3	-	-	25	25	50	25	Р

	DSE –III	6	-	-	6	4.5	-	4.5	3	80	20	-	-	100	40	Р
	Elective Basket for															
	Subject-III															
	from Subject excluding															
	Mathematics															
6	Practical for DSE –III from	-	-	6	6		2.25	2.25	3	-	-	25	25	50	25	Р
	Subject excluding															
	Mathematics					-										
7	Mini-Project/Hands-on			6	6		2.25	2.25	2	Internal A	ssessment by college/i	institute/depar	tment	50	25	P
	Training/Workshop/DIY															
	related to Subject excluding															
	Mathematics Phase II															
	Total				42			22.5						500		
					42									300		

L: Lecture, T: Tutorial, P: Practical, DIY: Do It Yourself activity

#### Notes:

- 1. **Internship/Apprenticeship/Field Work/Work Experience is Mandatory.** It can be carried out cumulatively from Semester I to Semester V for a duration of 150 Hours resulting into earning of 5 Credits (**Minimum 120 Hours resulting into earning of 4 Credits is mandatory for every student**). Internship /Apprenticeship/Field Work / Work Experience will be conducted after I semester till Vth semester in vacations for minimum 120 hrs, cumulatively entailing 4 Credits. It's credits and grades will be reflected in final semester VI credit grade report.
- 2. Teaching period in the various subjects in the faculty of science shall be as prescribed by the executive council dated 1/2-4-1977, 11-7-1977 Appendix-P
- 3. If DSC (excluding Mathematics) is Physics, then 2 Tutorial be added.
- 4. There shall be Skill Enhancement Module (SEM) in each course of DSC and DSE
- 5. OEC (Optional) can be studied during semester I to V, Its credits and grades will be reflected in final semester VI credit grade report. OEC may be opted from Sem I to Sem V. It is comprised of GIC, Skill Course and MOOC (through SWAYAM)
- 6. DSE (DISCIPLINE/DEPARTMENT SPECIFIC ELECTIVE ): A BASKET CONTAINING AT LEAST TWO COURSES/SUBJECTS SHALL BE PROVIDED, SO THAT STUDENT HAS A CHOICE FOR THE SELECTION.
- 7. Minimum 10% of the total credits of the UG (Bachelor's Degree) programme, that is, at least 12 credits are mandatory to be earned by all the students from Ancillary Credit Courses as mentioned in Table A (SGBAU, Direction No. 76/2022, Date 06/10/2022)
- 8. **Extra-curricular and co-curricular activities**: Maximum 5 Credits may be earned through Extra-curricular and co-curricular activities, which will be an option to OEC (maximum 75 hours and 5 credits), so that students performing in such activities shall be given exemption from undertaking OEC.