

Sant Gadge Baba Amravati University Amravati

Scheme of Teaching, Learning & Examination leading to the Degree Bachelor of Science (Three Years (Six Semester) Degree Programme-C.B.C.S)

B.Sc. III Mathematics Semester V

Sr. No.	Subjects	Subject Code	Teaching & Learning Scheme							Duration of Exams Hrs	Examination & Evaluation Scheme						
			Teaching Period Per Week				Credits				Maximum Marks					Minimum Passing	
			L	T	P	Total	Theory/ Tutorial	Practical	Total		Theory +M.C.Q External	Skill Enhancement Module Internal	Practical		Total	Marks	Grade
1	Mathematics DSC- IX Mathematical Analysis (Theory)		9	1*	--	10	7.5	--	7.5	3	60	15	--	--	75	30	P
2	Mathematics DSC- X Mathematical Methods (Theory)									3	60	15	--	--	75	30	P
3	Mini-Project: Phase – I				3	3		1.125	1.125	3			50	--	50	25	P
4	*Open Elective Course (OEC) Optional						75 hrs (during session) optional to extracurricular and co-curricular activities										
5	Internship/Apprenticeship/Field Work/Work Experience						150 Hours cumulatively from Sem II to Sem V resulting into earning of 5 Credits (Minimum 120 Hours mandatory resulting into earning of 4 Credits)										
	Total					13									200	85	

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

Note:

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. 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).
3. 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).
4. 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.
5. * indicate that for the subject Mathematics, the strength of a batch of tutorials for UG classes shall be 16 (Sixteen) with an addition of 10 percent with the permission of Honorable Vice Chancellor (As amended by Executive council dated 27/28-4-1979).

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B.Sc. III Mathematics Semester VI

Sr. No.	Subjects	Subject Code	Teaching & Learning Scheme							Duration of Exams Hrs	Examination & Evaluation Scheme						
			Teaching Period Per Week				Credits				Maximum Marks					Minimum Passing	
			L	T	P	Total	Theory/ Tutorial	Practical	Total		Theory +M.C.Q External	Skill Enhancement Module Internal	Practical		Total	Marks	Grade
1	Mathematics DSE - I Linear Algebra/ Number Theory (Select Any One Paper)		9	1*	--	10	7.5	--	7.5	3	60	15	--	--	75	30	P
2	Mathematics DSE – II Special Theory of Relativity/Graph Theory (Select Any One Paper)									3	60	15	--	--	75	30	P
3	Mini-Project: Phase – II				3	3		1.125	1.125	3			50	--	50	25	P
	Total					13									200	85	

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

Note:

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. 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).
3. 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.
4. 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).
5. 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.
6. * indicate that for the subject Mathematics, the strength of a batch of tutorials for UG classes shall be 16 (Sixteen) with an addition of 10 percent with the permission of Honorable Vice Chancellor (As amended by Executive council dated 27/28-4-1979).