

NEP-2020: Scheme of Implementation for Three /Four Year Undergraduate Degree Programme

Sant Gadge Baba Amravati University, Amravati

Faculty: Science and Technology (Mathematics)

Teaching and Learning Scheme: Degree of Bachelor of Science

(Three Years-Six Semesters Bachelor's Degree Programme)

B. Sc. FIRST YEAR: SEMESTER – I

w.e.f. 2024-25

Mode of Teaching	Vertical No.	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical) / Outdoor / Field	a.	Major/ Minor	Theory -1	126200	Algebra & Calculus	2	2	6
			Lab/Practical- 1	126201	Practical Based on 126200	2	4	
	b.	Minor/ Major	--	--	--	--	--	--
	c.	Generic / Open Elective	Theory -1	126202	Foundation of Mathematics	2	2	4
			Theory- 2	126203	Financial Mathematics-I	2	2	
	d.	VSC	--	--	--	--	--	4
		SEC	Lab/Practical- 2	126204	Applied Mathematics	2	4	
	e.	AEC - English	Theory	--	--	--	--	--
		AEC - MIL	Theory	--	--	--	--	
		IKS - Generic	Theory	--	--	--	--	
		VEC	Theory	--	--	--	--	
	f.	CC	Outdoor	--	--	--	--	--
		TOTAL				10	14	14

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Faculty: Science and Technology (Mathematics)**

**Teaching and Learning Scheme: for the Degree of Bachelor of Science
(Three Years-Six Semesters Bachelor's Degree Programme)**

B. Sc. FIRST YEAR: SEMESTER – II

w.e.f. 2024-25

Mode of Teaching	Vertical No.	The Vertical	Type of Course	Course Code	Course Name	Credits	Workload (Hrs/Week)	Vertical Workload (Hrs/Week)
Classroom Teaching / Lab Work (Practical) / Outdoor / Field	a.	Major/ Minor	Theory- 2	126205	Vector Analysis & Geometry	2	2	6
			Lab/Practical- 3	126206	Practical Based on 126205	2	4	
	b.	Minor/ Major	--	--	--	--	--	--
	c.	Generic / Open Elective	Theory- 3	126207	Numerical Ability –I	2	2	4
			Theory -4	126208	Mathematics for Social Sciences	2	2	
	d.	VSC	Lab/Practical- 4	126209	Mathematics in MS-Office	2	4	8
		SEC	Lab/Practical- 5	126210	Transportation and Game Theory	2	4	
	e.	AEC - English	Theory	--	--	--	--	--
		AEC - MIL	Theory	--	--	--	--	
		VEC	Theory	--	--	--	--	
	f.	CC	Outdoor	--	--	--	--	--
		TOTAL				12	18	18