

GOVERNMENT COLLEGE OF ARTS, SCIENCE AND COMMERCE SANQUELIM, GOA
F.Y.B.Sc. PROGRAMME STRUCTURE (NEP)
2024-2025

Semester	Major	Minor	MC	AEC	SEC	VAC
I	1. GOS-100 Foundations in Physical Geography (04) 2. GEO-100 Introduction to Mineralogy and Petrology (04) 3. BOT-100 Fundamentals of Botany (04) 4. CHC-100 Fundamentals of Chemistry (04) 5. ZOO-100 Amazing World of Animals (04) 6. PHY-100 Foundations of Physics (04)	1. GOS-111 Natural Hazards and Disaster Risk Reduction (04) 2. GEO-111 Introduction to Geology (04) 3. BOT-111 Plants in Everyday life (04) 4. CHC-111 Basic Concepts in Chemistry (04) 5. ZOO-111 Understanding Applications of Zoology (04) 6. PHY-111 Everyday Physics (04)	Choose any one 1.COM-132 Fundamentals of Stock Market (03) 2. HIS-131 Indigenous Heritage of Goa (03)	ENG-151 Communicative English: Spoken and Written (02)	Choose any one 1.GEO-141 Space and Drone based Remote Sensing (03) 2.CHC-142 Skills in Qualitative Organic Analysis (03) 3. ZOO-141 Skills for Zoologists (03) 4. CSC 142 Multimedia and Web Design (03)	A. Compulsory 1. VAC-100 Environmental Studies I (02) B (Choose any one) 1.VAC-104 Constitutional Values and Obligation (02) 2.VAC-114 Health and Wellness (02) 3.VAC-111 Awareness of Cyber Crimes and Security. (02)

	7. CSA-100 Problem Solving and Programming (04)	7. CSC-112 Computer Software Fundamentals (04)				
	8. MAT-100 Foundational Mathematics (04)	8. MAT-112 Elementary Statistics (04)				

Semester	Major	Minor	MC	AEC	SEC	VAC
II	1. GOS-100 Foundations in Physical Geography (04) 2. GEO- 100 Introduction to Mineralogy and Petrology (04) 3. BOT-100 Fundamentals of Botany (04) 4. CHC-100 Fundamentals of Chemistry (04)	1. GOS-112 Climate Change and Natural Resource Management (04) 2. GEO-111 Introduction to Geology (04) 3. BOT-111 Plants in Everyday life (04) 4. CHC-111 Basic Concepts in Chemistry (04)	Choose any one 1.COM-137 Tourism and Hospitality Management (03) 2. ECO-132 Globalization(03)	ENG-152 Digital Content Creation in English (02)	Choose any one 1. BOT-141 Nursery and Gardening (03) 2. ZOO-143 Aquarium Fish Keeping (03) 3. PHY-144 PCB Designing (03) 4. CHE-141 Water and Soil Analysis (03) 5. MAT-142: Statistical Methods Using R/SPSS/PSPP. (03)	A Compulsory 1. VAC-112 Green Energy Systems (02) B (Choose any one) 1. VAC 117: Life Skills (02) 2. VAC 108 Introduction to the Folktales of India (02) 3. VAC 103 Sustainable Development and Ecology (02)

	5. ZOO-100 Amazing World of Animals (04)	5. ZOO-111 Understanding Applications of Zoology (04)				
	6. PHY-100 Foundations of Physics (04)	6. PHY-111 Everyday Physics (04)				
	7. CSA-100 Problem Solving and Programming (04)	7. CSC-114 Social Media Marketing (04)				
	8. MAT-100 Foundational Mathematics (04)	8. MAT-112 Elementary Statistics (04)				