

SCHEME OF PAPERS
FIRST YEAR UNDER NEP 2020

	Semester I	Semester II
Major	CHC-100 Fundamentals of Chemistry MIC-100 Basics of Microbiology	MIC-100 Basics of Microbiology CHC-100 Fundamentals of Chemistry
Minor	BOT-111 Plants in Everyday Life ICD-111 General Industrial Chemistry	BOT-111 Plants in Everyday Life ICD-111 General Industrial Chemistry
Multidisciplinary Courses (MC)	CSC-131 Emerging Trends in Computers	CSC-132 Computer Applications
Skill Enhancement Course (SEC)	MAT-141 Numerical Analysis Using Python / Sage Math MIC-141 Techniques in Microbiology – Staining and Microscopy	MAT-142 Statistical Methods Using R/SPSS/PSPP BOT-141 Nursery and Gardening
Value Added Course (VAC)	VAC-102 Environmental Practices in Goa VAC-104 Constitutional Values and Obligations	VAC-112 Green Energy Systems VAC-116 Life Skills
AEC	ENG-151 Communicative English: Spoken and Written	ENG-152 Digital Content Creation InEnglish

SECOND YEAR UNDER NEP 2020

	Semester III	Semester IV
Chemistry Major/ Microbiology Major	CHC-200 Concepts in Inorganic and Physical Chemistry CHC-201 Concepts in Organic and Analytical Chemistry	CHC-202 Organic Chemistry -I CHC-203 Inorganic Chemistry -I CHC-204 Physical Chemistry-I CHC-205 Pharmaceutical Chemistry-I
	MIC-200 Microbial Biochemistry MIC- 201 Molecular Biology	MIC-202 Cell Biology MIC-203 Microbial Physiology MIC-204 Microbial Genetics MIC-205 Basic Biostatistics
Minor	BOT-212 Soil and Water Analysis	BOT-222 Ecotourism (VET)
Multidisciplinary Courses	CSC-231 Web Designing	-
Skill Enhancement Course	MAT - 241 Technical Typesetting using LaTeX BOT-241 Herbal Technology	-
AEC	KON – 251 संभाषण कौशल्य (Communication Skills)	KON- 252 कोंकणी भाशेचें मुळावें गगन्यान (Basic Knowledge of Konkani)