

**Under Graduate Science Certificate Course Semester - I**  
**(Exam Programme as per NEP-2020 implemented from June-2023)**  
**Programme Code – SCIUG**

Date & Day	Subject & Course Code	Credit	Marks	Time in Hours		
27-12-2023 Wednesday 2.30 to 5.00	<b>MAJOR DISCIPLINE SPECIFIC COURSE</b>					
	Physics – Mathematical, Thermodynamics, Waves-Sound and Electronics - SC23MJDSCPHY101	4	50	2.30		
	Chemistry - Fundamentals of Chemistry- I - SC23MJDSCCHE101					
	Mathematics – Calculus and Vector Analysis - SC23MJDSCMAT101					
	Botany – Microbiology and Phycology - SC23MJDSCBOT101					
	Biotechnology - Introduction to Biotechnology - SC23MJDSCBIO101					
	Zoology - Fundamentals of Zoology-I - SC23MJDSCZOO101					
	Microbiology - Fundamentals of Microbiology – SC23MJDSCMIC101					
	Computer – Fundamentals of Computers, Network & Web Design – SC23MJDSCCS101					
28-12-2023 Thursday 2.30 to 4.30	<b>MINOR DISCIPLINE SPECIFIC COURSE</b>					
	Physics – Mathematical Physics and Heat-Thermodynamics – SC23MIDSCPHY102	2	25	2.00		
	Chemistry – Fundamental of chemistry-1 – SC23MIDSCCHE102					
	Mathematics – Introduction to Calculus – SC23MIDSCMAT102					
	Botany – Microbes and Algae – SC23MiDSCBOT102					
	Biotechnology – Introduction to Biotechnology – SC23MIDSCBIO102					
	Zoology – Basics of Zoology-I – SC23MIDSCZOO102					
	Microbiology – Microbiological techniques – SC23MIDSCMIC102					
Computer – Web Designing – SC23MIDSCCS102						
29-12-2023 Friday 2.30 to 4.30	<b>INTER / MULTI DISCIPLINE SPECIFIC COURSE</b>					
	Physics – Waves Sound and Electronics – SC23MDSCPHY103	2	25	2.00		
	Chemistry – General chemistry-I – SC23MDCCHE103					
	<b>OR</b>					
	Chemistry - Agricultural chemistry – SC23MDCCHE103A					
	Mathematics – Mathematics – I – SC23MDCMAT103					
	Botany – Plant in Everyday Life – SC23MDCBOT103					
	Biotechnology – Introduction to Biotechnology – SC23MDCBIO103					
	Zoology – Introduction to Zoology-I – SC23MDCZOO103					
Microbiology – Basic microbiology – SC23MDCMIC103						
Computer – Office Automation Tools – SC23MDCCS103						

30-12-2024 Saturday 2.30 to 4.30	<b>Ability Enhancement Courses (AEC) English - SC23AECENG104</b>	2	25	2.00			
01-01-2024 Monday 2.30 to 4.30	<b>Value Added Course (VAC) / IKS (Indian Knowledge System)</b>	2	25	2.00			
02-01-2024 Tuesday 2.30 to 4.30	<b>SKILL ENHANCEMENT COURSE</b>						
	Physics – Instrumentation Measurement and Analysis – SC23SECPHY106 OR Physics – Introduction to Nano Technology – SC23SECPHY106 (A)	2	25	2.00			
	Chemistry – Analytical Chemistry-1-SC23SECCHE106 OR Chemistry – Soil analysis – SC23SECCHE106A OR Chemistry – Laboratory – SC23SECCHE106B						
	Mathematics – Mathematics for Competitive Exams – I SC23SECMAT106						
	Botany – Horticulture – SC23SECBOT106						
	Biotechnology – Basics of Forensic Biotechnology – SC23SECBIO106						
	Zoology – Apiculture – SC23SECZOO106						
	Microbiology – Microbial Culture Preservation - SC23SECMIC106						
	Computer – Linear Algebra – SC23SECCS106						