

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

Date & Day	Subject & Course Code	Credit	Marks	Time in Hours
04-12-2024 Wednesday 3.00 to 5.30	<b>MAJOR DISCIPLINE SPECIFIC COURSE</b>			
	Physics – Thermodynamics, Modern Physics & Solid State Physics– SC23MJDSCPHY301	4	50	2.30
	Chemistry – Basic chemistry I– SC23MJDSCCHE301			
	Mathematics – Calculus and Linear Algebra – SC23MJDSCMAT301			
	Botany – Mycology And Phytopathology- SC23MJDSCBOT301			
	Biotechnology – Concept of Metabolism – SC23MJDSCBIO301			
	Zoology – Diversity of chordates - I - SC23MJDSC ZOO301			
	Microbiology – Microbial Biochemistry and Physiology– SC23MJDS CMIC301			
Computer –				
05-12-2024 Thursday 3.00 to 5.00	<b>MAJOR DISCIPLINE SPECIFIC COURSE - II</b>			
	Physics – Electromagnetic , Optics And Electronics– SC23MJDSCPHY301A	2	25	2.00
	Chemistry – Basic chemistry II– SC23MJDSCCHE301A			
	Mathematics – Numerical Analysis – SC23MJDSCMAT301A			
	Botany – Archegoniate - SC23MJDSCBOT301A			
	Biotechnology – Food and Dairy Biotechnology– SC23MJDSCBIO301A			
	Zoology – Ecology, Environmental Pollution and Climate Change – SC23MIDSCZOO302			
	Microbiology – Microbial Diversity and Taxonomy – SC23MJDS CMIC301A			
Computer –				
06-12-2024 Friday 3.00 to 5.00	<b>INTER / MULTI DISCIPLINE SPECIFIC COURSE</b>			
	Physics – Thermodynamics& Optics – SC23MDSCPHY303	2	25	2.00
	Chemistry – Simplified chemistry I – SC23MDCCHE303			
	Mathematics – Numerical Methods – SC23MDCMAT303			
	Botany – Medicinal Botany – SC23MDCBOT303			
	Biotechnology – Introduction to Metabolism – SC23MDCBIO303			
	Zoology – Introduction to Ecology – SC23MDCZOO303			
	Microbiology – Diversity of Microorganisms – SC23MDCMIC303			
Computer –				

07-12-2024 Saturday 3.00 to 5.00	<b>Ability Enhancement Courses (AEC)</b> <b>English - SC23AEC304</b>	2	25	2.00		
09-12-2024 Monday 3.00 to 5.00	<b>Indian Knowledge System Course (IKS)</b>	2	25	2.00		
10-12-2024 Tuesday 3.00 to 5.00	<b>SKILL ENHANCEMENT COURSE</b>					
	Physics – Energy Technology – SC23SECPHY306 <b>OR</b> Physics – Vacuum Pumps, Pressure Gauges And Instruments – SC23SECPHY306 (A)	2	25	2.00		
	Chemistry – Environmental Pollution - SC23SECCHE306 <b>OR</b> Chemistry – Chemical Metallurgy- SC23SECCHE306A					
	Mathematics – Mathematics for Competitive Exams – III SC23SECMAT306					
	Botany – Mushroom Cultivation – SC23SECBOT306					
	Biotechnology – Molecular Diagnosticsv – SC23SECBIO306					
	Zoology – Introduction to Poultry Science – SC23SECZOO306					
	Microbiology –					
	Computer –					