

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

Date & Day	Subject & Course Code	Credit	Marks	Time in Hours
<b>07-04-2025</b> <b>Monday</b> <b>12:00 to 02:30</b>	<b>MAJOR DISCIPLINE SPECIFIC COURSE</b>			
	Physics – Classical Mechanics, Nuclear Physics And Plasma Physics– SC23MJDSCPHY401	4	50	2.30
	Chemistry – Basic chemistry III– SC23MJDSCCHE401			
	Mathematics – Advanced Calculus – SC23MJDSCMAT401			
	Botany – Anatomy Of Angiosperms - SC23MJDSCBOT401			
	Biotechnology – Industrial Biotechnology– SC23MJDSCBIO401			
	Zoology – Diversity of chordates - II – SC23MJDSC ZOO401			
	Microbiology – Molecular Biology and Genetics – SC23MJDSCMIC401			
Computer – Programming with Java- SC23MJDSCCS401				
<b>08-04-2025</b> <b>Tuesday</b> <b>12:00 to 02:30</b>	<b>MAJOR DISCIPLINE SPECIFIC COURSE – II</b>			
	Physics – Mathematical Physics, Quantum Mechanics, Electronics - SC23MJDSCPHY401A	4	50	2.30
	Chemistry – Basic chemistry IV– SC23MJDSCCHE401A			
	Mathematics – Linear Algebra – SC23MJDSCMAT401A			
	Botany – Economic Botany- SC23MJDSCBOT401A			
	Biotechnology – Molecular Biology– SC23MJDSCBIO401A			
	Zoology – Economic Zoology - SC23MJDSC ZOO401A			
	Microbiology – Industrial Microbiology – SC23MJDSCMIC401A			
Computer – Web Development with Python– SC23MJDSCCS401A				
<b>09-04-2025</b> <b>wednesday</b> <b>12:00 to 02:00</b>	<b>MINOR DISCIPLINE SPECIFIC COURSE</b>			
	Physics – Nucler Physics and Plasma Physics - SC23MIDSCPHY402	2	25	2.00
	Chemistry – Simplified chemistry I – SC23MIDSCCHE402			
	Mathematics – Fundamentals of Numerical Analysis – SC23MIDSCMAT402			
	Botany – Applied Botany– SC23MIDCBOT402			
	Biotechnology – Fermentation Technology – SC23MIDCBIO402			
Zoology – Industrial Zoology – SC23MIDSC ZOO402				

	Microbiology – Food and Dairy Microbiology SC23MIDSCMIC402			
	Computer – Fundamentals of Java Programming– SC23MIDSCCS402			
<b>11-04-2025 Friday 12:00 to 02:00</b>	<b>Ability Enhancement Courses (AEC)</b> <b>English - SC23AEC404</b>	2	25	2.00
<b>12-04-2025 Saturday 12:00 to 02:00</b>	<b>Value Added Course (VAC)</b>	2	25	2.00
	Physics – Shrimad Bhagvad Gita & Stress Management In Life” – SC23VACPHY405			
	Chemistry – Bhartiya Science & Technology – SC23VACCHE405			
	Mathematics –			
	Botany – From Pool Of Course - SC23VACBOT405			
	Biotechnology –			
	Zoology – - SC23VACZOO405			
	Microbiology –			
Computer – Shreemad Bhagvad Geeta & Stress Management SC23VACCS405				
<b>15-04-2025 Tuesday 12:00 to 02:00</b>	<b>SKILL ENHANCEMENT COURSE</b>	2	25	
	Physics – Astro / Space Physics– SC23SECPHY406 <b>OR</b>			
	Physics –Transducer And Sound– SC23SECPHY406A			
	Chemistry – Green chemistry - SC23SECCHE406 <b>OR</b>			
	Chemistry – Ceramics- SC23SECCHE406A			
	Mathematics – Skill Enhancement Theory Course SC23SECMAT406			
	Botany – Plant Breeding– SC23SECBOT406			
	Biotechnology – Enzymology – SC23SECBIO406			
	Zoology – Fish Aquarium Management – SC23SEC ZOO406			
	Microbiology –			
	Computer – Cutting-Edge Technologies - SC23SECCS406			