

Sri SatyaSai University of Technology & Medical Sciences, Sehore (M.P.)

**FACULTY OF EDUCATION
DEPARTMENT OF SCIENCE
SCHEME OF BSC VI SEMESTER (NEP)
SESSION 2024-25**

S.No.	Group	Course Code	Subject	Course Title	Credit	El.	Theory		CCE/Internal		Practical/Project		Total Marks
							Max	Min	Max	Min	Max.	Min.	
	Discipline Specific Elective(Select any one group)												
1	Group-A	S3-BOTA1D	Botany	Plant Physiology & Metabolism Theory Paper-I	4	PCB	60	21	40	14	-	-	100
		S3-BOTA1Q	Botany Practical	Plant Physiology & Metabolism Practical Paper-1	2	PCB	-	-	40	14	60	21	100
		S3-BOTA2D	Botany	Ecology and Forestry Theory paper -II	2	PCB	60	21	40	14	-	-	100
		S3-BOTA2Q	Botany Practical	Ecology and Forestry practical paper -II	2	PCB	-	-	40	14	60	21	100
		S6-BOTA2T	Botany	Ethenobotany [Theory]	2	PCB	60	21	40	14	-	-	100
		S2-BOTA2P	Botany Practical	Ethenobotany [Practical	2	PCB	-	-	40	14	60	21	100
	Group-B	S3-BOTA3D	Botany	Cytology, Plant Breeding and biotechnology Theory Paper-I	4	PCB	60	21	40	14	-	-	100
		S3-BOTA 3Q	Botany Practical	Cytology, Plant Breeding and biotechnology Practical Paper-I	2	PCB	-	-	40	14	60	21 1	100

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		S3-BOTA4D	Botany	Biodiversity and Economic Botany Theory paper -II	2	PCB	60	21	40	14	-	-	100
		S3-BOTA4Q	Botany Practical	Biodiversity and Economic Botany Practical paper -II	2	PCB	-	-	40	14	60	21 1	100
		S6-BOTA2T	Botany	Ethenobotany [Theory]	2	PCB	60	21	40	14	-	-	100
		S2-BOTA2P	Botany Practical	Ethenobotany [Practical	2	PCB	-	-	40	14	60	21	100
2	Group-A	S3-CHEM1D	Chemistry	Green & Agriculture chemistry Theory Paper-I	4	PCM/ PCB	60	21	40	14	-	-	100
		S3-CHEM1Q	Chemistry Practical	Green & Agriculture chemistry Practical Paper-I	2	PCM/ PCB	-	-	40	14	60	21	100
		S3-CHEM2D	Chemistry	Laboratory Skill, Techniques of Management Theory Paper-II	2	PCM / PC B	60	21	40	14	-	-	100
		S3-CHEM2Q	Chemistry Practical	Exercices for development of Lab Skills	2	PCM / PC B	-	-	40	14	60	21	100
		S3-CHEM2T	Chemistry	Pharmaceuticals & Medicinal Chemistry Theory	2	PCM / PC	60	21	40	14	-	-	100
		S3-CHEM2P	Chemistry Practical	Pharmaceuticals & Medicinal Chemistry Practical	2	PCM / PCB	-	-	40	14	60	21	100
	Group-B	S3-CHEM3D	Chemistry	Instrumental Techniques in Chemistry Theory Paper-I	4	PCM / PC B	60	21	40	14	-	-	100

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		S3-CHEM3Q	Chemistry Practical	Instrumental Analytical Technique in Chemistry Practical Paper-I	2	PCM / PC B	-	-	40	14	60	21	100
		S3-CHEM4D	Chemistry	Biophysical, Bio inorganic and organic chemistry Theory Paper-II	2	PCM / PC B	60	21	40	14	-	-	100
		S3-CHEM4Q	Chemistry Practical	Synthesis and Analytical Techniques Practical Paper-II	2	PCM / PC B	-	-	40	14	60	21	100
		S3-CHEM2T	Chemistry	Pharmaceuticals & Medicinal Chemistry Theory	2	PCM / PC B	60	21	40	14	-	-	100
		S3-CHEM2P	Chemistry Practical	Pharmaceuticals & Medicinal Chemistry Practical	2	PCM / PCB	-	-	40	14	60	21	100

3	Group-A	S3-COSC1D	Computer Science	Operating System Theory Paper-I	4	PCM	60	21	40	14	-	-	100
		S3-COSC1Q	Computer Science Practical	Operating System Practical Paper-I	2	PCM	-	-	40	14	60	21	100
		S3-COSC2D	Computer Science	Programming with Python Theory Paper-II	2	PCM	60	21	40	14	-	-	100
		S3-COSC2Q	Computer Science Practical	Python Programming Lab Practical Paper -II	2	PCM	-	-	40	14	60	21	100
		S3-COSC2T	Computer Graphics (Theory)	ComputerGraphics	2	PCM	60	21	40	14	-	-	100
		S3-COSC2P	Computer Graphics (Practical)	ComputerGraphics	2	PCM	-	-	40	14	60	21	100
	Group-B	S3-COSC3D	Computer Science	PHP & MYSOL Theory Paper-I	4	PCM	60	21	40	14	-	-	100

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		S3-COSC3Q	Computer Science Practical	PHP & MYSQL Practical Paper-I	2	PCM	-	-	40	14	60	21	100
		S3-COSC4D	Computer Science	Cloud Computing Theory Paper-II	2	PCM	60	21	40	14	-	-	100
		S3-COSC4Q	Computer Science Practical	Cloud Computing Practical Paper-II	2	PCM	-	-	40	14	60	21	100
		S3-COSC2T	Computer Graphics (Theory)	Computer Graphics	2	PCM	60	21	40	14	-	-	100
		S3-COSC2P	Computer Graphics (Practical)	Computer Graphics	2	PCM	-	-	40	14	60	21	100
4	Group-A	S3-MATH1D	Mathematics	Numerical methods and scientific computation Theory Paper-I	6	PCM	60	21	40	14	-	-	100
		S3-MATH2D	Mathematics	Elements of Discrete mathematics Theory Paper-II	4	PCM	60	21	40	14	-	-	100
		S3-MATH2T	Mathematics	Fundamentals of Boolean Algebra Theory Paper -II	4	PCM	60	21	40	14	-	-	100
	Group-B	S3-MATH3D	Mathematics	Probability and Statistics Theory Paper-I	6	PCM	60	21	40	14	-	-	100
		S3-MATH4D	Mathematics	Integral Transform Theory Paper-II	4	PCM	60	21	40	14	-	-	100
		S3-MATH2T	Mathematics	Fundamentals of Boolean Algebra	4	PCM	60	21	40	14	-	-	100
5	Group-A	S3-MBIO1D	Microbiology	Microbial Genetics and Molecular biology Theory Paper-I	4	PCB	60	21	40	14	-	-	100
		S3-MBIO1Q	Microbiology Practical	Microbial Genetics and Molecular biology practical Paper-I	2	PCB	-	-	40	14	60	21	100
		S3-MBIO2D	Microbiology	Food Microbiology Theory Paper-II	2	PCB	60	21	40	14	-	-	100
		S3-MBIO2Q	Microbiology Practical	Techniques of Food Microbiology Practical Paper-II	2	PCB	-	-	40	14	60	21	100

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	Group-B	S3-MBIO2T	Microbiology	Environmental microbiology theory Paper-II	2	PCB	60	21	40	14	-	-	100
		S3-MBIO2P	Microbiology Practical	Environmental microbiology Practical	2	PCB	-	-	40	14	60	21	100
		S3-MBIO3D	Microbiology	Industrial Microbiology Theory Paper-I	4	PCB	60	21	40	14	-	-	100
		S3-MBIO3Q	Microbiology Practical	Methods of Microbial Production Practical Paper-I	2	PCB	-	-	40	14	60	21	100
		S3-MBIO4D	Microbiology	Microbes as Pathogen Theory Paper-II	2	PCB	60	21	40	14	-	-	100
		S3-MBIO4Q	Microbiology Practical	Microbes as Pathogen Practical Paper-II	2	PCB	-	-	40	14	60	21	100
		S3-MBIO2T	Microbiology	Environmental microbiology theory Paper-II	2	PCB	60	21	40	14	-	-	100
		S3-MBIO2P	Microbiology Practical	Environmental microbiology Practical	2	PCB	-	-	40	14	60	21	100
		S3-PHYS1D	Physics	Quantum Atomic and molecular physics Theory paper – I	4	PCM	60	21	40	14	-	-	100
		S3-PHYS1Q	Physics Practical	Quantum ,Atomic and molecular physics Practical paper - I	2	PCM	-	-	40	14	60	21	100
6	Group-A	S3-PHYS2D	Physics	Solid State Physics and Electronics Theory paper –I I	2	PCM	60	21	40	14	-	-	100
		S3-PHYS2Q	Physics Practical	Solid State Physics and Electronics Practical paper –II	2	PCM	-	-	40	14	60	21	100
		S3-PHYS2T	Physics	Quantum Mechanics, Solid state physics and Devices Theory	2	PCM	60	21	40	14	-	-	100

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	Group-B	S3-PHYS2P	Physics Practical	Quantum Mechanics, Solid state physics and Devices lab practical	2	PCM	-	-	40	14	60	21	100
		S3-PHYS3D	Physics	Astronomy and Space Physics Theory paper – I	6	PCM	60	21	40	14	-	-	100
		S3-PHYS4D	Physics	Nuclear and Particle Physics Theory paper – II	4	PCM	60	21	40	14	-	-	100
		S3-PHYS2T	Physics	Quantum Mechanics, Solid state physics and Devices Theory	2	PCM	60	21	40	14	-	-	100
		S3-PHYS2P	Physics Practical	Quantum Mechanics, Solid state physics and Devices lab	2	PCM	-	-	40	14	60	21	100
7	Group-A	S3-ZOOL1D	Zoology	Aquaculture Theory paper – I	4	PCM	60	21	40	14	-	-	100
		S3-ZOOL1Q	Zoology Practical	Applied Aquaculture Practical paper - I	2	PCB	-	-	40	14	60	21	100
		S3-ZOOL2D	Zoology	Wild Life Conservation and Management Theory paper – II	2	PCB	60	21	40	14	-	-	100
		S3-ZOOL2Q	Zoology Practical	Importance of Wildlife Theory paper – II	2	PCB	-	-	40	14	60	21	100
		S3-ZOOL2T	Zoology	Genetics PaperII	2	PCB	60	21	40	14	-	-	100
		S3-ZOOL2P	Zoology Practical	Experimental Genetics Practical Paper-II	2	PCB	-	-	40	14	60	21	100
	Group-B	S3-ZOOL3D	Zoology	Insect Taxonomy and Applied Entomology Theory paper – I	4	PCB	60	21	40	14	-	-	100
		S3-ZOOL3Q	Zoology Practical	Applied Entomology Practical paper – I	2	PCB	-	-	40	14	60	21	100

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		S3-ZOOL4D	Zoology	Ecology, Biodiversity and Evolution Theory paper – II	2	PCB	60	21	40	14	-	-	100
		S3-ZOOL4Q	Zoology Practical	Environmental Biology Practical paper – II	2	PCB	-	-	40	14	60	21	100
		S3-ZOOL2T	Zoology	Genetics PaperII	2	PCB	60	21	40	14	-	-	100
		S3-ZOOL2P	Zoology Practical	Experimental Genetics Practical Paper-II	2	PCB	-	-	40	14	60	21	100
Inter/Intra Faculty													
1			Field/Project internship	Field/Project/ Internship	6	Open For ALL	-	-	-	-	100	35	100