

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

FACULTY OF EDUCATION DEPARTMENT OF SCIENCE ANNUAL SCHEME OF BSC II^{ed} YEAR IV SEM (NEP) SESSION 2023-24

S.No.	Course Code	Subject	Course Title	Credit	El.	Theory		CCE/Internal		Practical/Project		Total Marks
						Max	Min	Max	Min	Max.	Min.	
Core Course Major(Select any one group)												
Group-A	S2-BOTA2T	Botany	Industrial Botany	4	PCB	60	21	40	14	-	-	100
	S2-BOTA2P	Botany Practical	Industrial Botany Practical Paper-1I	2	PCB	-	-	40	14	60	21	100
Group-B	S2-CHEM2T	Chemistry	Transition Elements, Chemi- energetics, phase equilibria Paper-II	4	PCM/ PCB	60	21	40	14	-	-	100
	S2-CHEM2P	Chemistry Practical	Metal ComplexPreperation,Thermochemistry and phase equilibria	2	PCM/ PCB	-	-	40	14	60	21	100
Group-C	S2-COSC2T	Computer Science	Computer Networks and Information Security Paper-II	4	PCM	60	21	40	14	-	-	100
	S2-COSC2P	Computer Science Practical	Java Programming Lab	2	PCM	-	-	40	14	60	21	100

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Group-D	S2-MATH2T	Mathematics	Advanced Calculus And Partial Differential Equations Paper-II	6	PCM	60	21	40	14	-	-	100
Group-E	S2-MBIO2T	Microbiology	Microbial Diversity and Growth Paper-II	4	PCB	60	21	40	14	-	-	100
	S2-MBIO2P	Microbiology Practical	Isolation and Growth Study of Microorganisms Practical Paper-II	2	PCB	-	-	40	14	60	21	100
Group-F	S1-PHYS2T	Physics	Electricity Magnetism and EMT Paper-II	4	PCM	60	21	40	14	-	-	100
	S1-PHYS2P	Phys	Electricity Magnetism and EMT Lab	2	PCM	-	-	40	14	60	21	100
Group-G	S2-ZOOL2T	Zoology	Physiology and Biochemistry Paper-II	4	PCB	60	21	40	14	-	-	100
	S2-ZOOL2P	Zoology	System physiology and Biochemistry Practical Paper-II	2	PCB	-	-	40	14	60	21	100

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MINOR SUBJECT (Select any one Subject other than Major Group)												
1	S2-BOTA2T	Botany	Industrial Botany	4	PCB	60	21	40	14	-	-	100
	S2-BOTA2P	Botany Practical	Industrial Botany Practical	2	PCB	-	-	40	14	60	21	100
2	S2-CHEM2T	Chemistry	Transition Elements, Chemi- energetics, phase equilibria	4	PCM/ PCB	60	21	40	14	-	-	100
	S2-CHEM2P	Chemistry Practical	Metal Complex Preperation, Thermochemistry and phase equilibria experiments	2	PCM/ PCB	-	-	40	14	60	21	100
3	S2-COSC2T	Computer Science	Object Oriented Programming with java	4	PCM	60	21	40	14	-	-	100
	S2-COSC2P	Computer Science Practical	Java Programming Lab	2	PCM	-	-	40	14	60	21	100

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4	S2-MATH2T	Mathematics	Advanced Calculus And Partial Differential Equations	6	PCM	60	21	40	14	-	-	100
5	S2-MBIO2T	Microbiology	Microbial Diversity and Growth	4	PCB	60	21	40	14	-	-	100
	S2-MBIO2P	Microbiology Practical	Isolation and Growth Study of Microorganisms	2	PCB	-	-	40	14	60	21	100
6	S2-PHYS2T	Physics	Electricity Magnetism and EMT	4	PCM	60	21	40	14	-	-	100
	S2-PHYS2P	Physics Practical	Electricity Magnetism and EMT Lab	2	PCM	-	-	40	14	60	21	100
7	S2-ZOOL2T	Zoology	Physiology and Biochemistry	4	PCB	60	21	40	14	-	-	100
	S2-ZOOL2P	Zoology Practical	System physiology and Biochemistry	2	PCB	-	-	40	14	60	21	100

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ELECTIVE SUBJECT /GENERIC ELECIVE (Select any one subject other than Major &Minor subject												
1	S2-BOTA2T	Botany	Industrial Botany	2	PCB	60	21	40	14	-	-	100
	S2-BOTA2P	Botany Practical	Industrial Botany Practical	2	PCB	-	-	40	14	60	21	100
2	S2-CHEM2T	Chemistry	Transition Elements, Chemi- energetics, phase equilibria	2	PCM /PCB	60	21	40	14	-	-	100
	S2-CHEM2P	Chemistry Practical	Metal Complex Preperation,Thermoch emistryand phase equilibria experiments	2	PCM /PCB	-	-	40	14	60	21	100
3	S2-COSC2T	Computer Science	Object Oriented Programming with java	2	PCM	60	21	40	14	-	-	100
	S2-COSC2P	Computer Science Practical	Java Programming Lab	2	PCM	-	-	40	14	60	21	100
4	S2-MATH2T	Mathematics	Advanced Calculus And Partial Differential Equations	4	PCM	60	21	40	14	-	-	100
5	S2-MBIO2T	Microbiology	Microbial Diversity and Growth	2	PCB	60	21	40	14	-	-	100
	S2-MBIO2P	Microbiology Practical	Isolation and Growth Study of Microorganisms	2	PCB	-	-	40	14	60	21	100
6	S2-PHYS2T	Physics	Electricity Magnetism and EMT	2	PCM	60	21	40	14	-	-	100

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	S2-PHYS2P	Physics Practical	Electricity Magnetism and EMT Lab	2	PCM	-	-	40	14	60	21	100
7	S2-ZOOL2T	Zoology	Physiology and Biochemistry	2	PCB	60	21	40	14	-	-	100
	S2-ZOOL2P	Zoology Practical	System physiology and Biochemistry	2	PCB	-	-	40	14	60	21	100
8	H2-HSCA 1G	Home Science	Food Product Development	2	Open For All	60	21	40	14	-	-	100
	H2-HSCA 1R	Home Science	Value Added Food Product Development	2	Open For All	-	-	40	14	60	21	100
9	A2-ELIT2G	English Literature	Mass Media and communication skills Paper-I	2	Open For All	60	21	40	14	-	-	100
	A2-ELIT2R	English Literature (Practical)	Experiments With Mass Media and Communication Skills Paper-II (Practical)	2	Open For All	-	-	40	14	60	21	100
10	M2-TNTA1G	Tour and Travels Management	Communication skills and Development	4	Open For All	60	21	40	14	-	-	100
11	C2-COMA1G	Fundamentals of Management	Fundamentals of Management	4	Open For All	60	21	40	14	-	-	100
12	A2 BECO2G	Business Economics	Entrepreneurship & Family Business	4	Open For All	60	21	40	14	-	-	100
13	O2- NCCA1G	NCC	NCC Part-II	2	Open For All	60	21	40	14	-	-	100
	O2-NCCA1R	NCC	NCC Training Part-II (Practical)	2	Open For All	-	-	40	14	60	21	100
14	O2-NSSA1G	National Service	Concept of National Service Scheme	2	Open For All	60	21	40	14	-	-	100
	O2-NSSA1R	National Service	Project Work	2	Open For All	-	-	40	14	60	21	100

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VOCATIONAL SUBJECT (SELECT ANY ONE)												
1	V1-EEQ-ELCT	Electrical Technology Electrical Technology	Electrical Technology	4	Open For All	50	18	-	-	50	18	100
2	V1-COM-TALT	Accounting and Tally	Accounting and Tally	4	Open For All	50	18	-	-	50	18	100
3	V1-TNT-TTTT	Tourism transport and travel services	Tourism transport and travel services	4	Open For All	50	18	-	-	50	18	100
4	V1-COM-EIMT	Export Import Management	Export Import Management	4	Open For All	50	18	--	-	50	18	100
5	V1-FAS-FASD	Fashion Design	Fashion Design	4	Open For All	50	18	-	-	50	18	100
6	V1-FOO-FPPT	Food Preservation and Processing	Food Preservation and Processing	4	Open For All	50	18	-	-	50	18	100