



TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE
FOR WOMEN WANAPARTHY
Wanaparthy – 509103



Smt V. Aruna,
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Principal.

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DEPARTMENT OF BOTANY

2022-2023

I, III, V Semesters				
Paper	Title of the paper	theory	Practicals	Remarks
I	Microbial diversity of lower plants	4	2x2=4	2 batches practicals
III	Plant Anatomy and Embryology	4	2x2=4	2 batches practicals
V	Biodiversity and Conservation	4	2x2=4	2 batches practicals
I	Environmental science	2		AECC
III	Nursery and Gardening	2		SEC-1
V	Industrial microbiology	8		GE
		24	12	
	Total HPW	36 Hours per week		

II, IV, VI Semesters				
Paper	Title of the paper	Theory	Practicals	Remarks
II	Gymnosperms, taxonomy of Angiosperms and Ecology	4	2x2=4	2 batches practicals
IV	Cell Biology, Genetics & Plant physiology	4	2x2=4	2 batches practicals
VI	Project	4		
VI	Tissue culture and Biotechnology	4	2x2=4	2 batches practicals
IV	Green house technology	2		SEC-3
IV	Mushroom culture technology	2		SEC-4
		20	12	
	Total HPW	32 hours per week		




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DEPARTMENT OF CHEMISTRY

2022-2023

I, III, V SEMESTER

Paper	Title	Work load per week	Groups	Total
I	Chemistry-1	4Th+3Practical	MPC, BZC, MZC	30HRS
III	Chemistry-3	4Th+3Practical	MPC, BZC, MZC	30HRS
V	Spectroscopy and chromatography	4Th+3Practical	MPC, BZC, MZC	30HRS
SEC	Remedial methods for pollution, drinking water and soil fertility	2 Theory	MPC	2HRS
	total			92 hrs

II, IV, VI SEMESTER

Paper	Title	Work load per week	Groups	Total
II	Chemistry-2	4Th+3Practical	MPC, BZC, MZC	30HRS
IV	Chemistry-4	4Th+3Practical	MPC, BZC, MZC	30HRS
VI	Medicinal Chemistry	4Th+3Practical	MPC, BZC, MZC	30HRS
SEC	Cosmetics, food processing, Drugs and pharmaceuticals	2 Theory	MPC	2HRS
Optional for chemistry stream	Project work/ Advanced chemistry	4 Theory	MZC	4HRS
	total			96 hrs




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Department of Microbiology				
2022-2023				
SEMESTER	PAPER	COURSE TITLE	THEORY	PRACTICAL
I	I	GENERAL MICROBIOLOGY	4	2X2=4
	AECC	ENVIRONMENTAL SCIENCE	2	
		FOOD AND ENVIRONMENTAL		
III	III	MICROBIOLOGY	4	2X2=4
	SEC-I	HAEMATOLOGY	2	
		MOLECULAR BIOLOGY AND		
V	V	MICROBIAL GENETICS	3	2X2=4
			15	12
		TOTAL		27
			HRS/WK	
II	II	MICROBIAL DIVERSITY	4	2X2=4
		MEDICAL		
IV	IV	MICROBIOLOGY & IMMUNOLOGY	4	2X2=4
	SEC III	MUSHROOM CULTIVATION	2	
VI	VI	INDUSTRIAL MICROBIOLOGY	4	2X2=4
	VII	APPLIED MICROBIOLOGY	4	2X2=4
			18	16
		TOTAL	34	
				34
			HRS/WK	




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Department of Physics

2022-2023

I, III, VSEM			
Paper	Title of the paper	Work load per week	TO TA L
I	Mechanics	4T.+4P	8hr s
III	EM theory	4T.+4P	8hr s
V	Modern physics	4T.+4P	8hr s
GE	Renewable energy	4	4hr s
	Electric circuits & networking elements		
SEC		4	4hrs
		Total	33 hrs
11, IV, VISEM			
Paper	Title of the paper	Workload per week	TOTAL
2	Thermal Physics	4T.+4P	8hrs
4	Waves and optics	4T.+4P	8hrs
7	electronics	4T.+4P	8hrs
8	Nano science	4T+4p	8hrs
SEC	Basic electronics	4	4hrs
total		Total	36hrs




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DEPARTMENT OF COMMERCE

2022-2023

I, III, V SEMESTER

S NO	FIRSTYEAR	Theory	Practicals
	I SEMESTER		
1	FINANCIAL ACCOUNTING I	5	
2	BUSINESS ORGANISATION AND MANAGEMENT	5	
	SECOND YEAR III Semester		
3	ADVANCED ACCOUNTING	5	
4	BUSINESS STATISTICS - I	5	
5	PRINCIPLES OF INSURANCE	2	
6	PRACTICE OF LIFE INSURANCE	2	
	FINAL YEAR V Semester		
7	BUSINESS ECONOMICS	4	
8	COST ACCOUNTING	5	
9	COMPUTERISED ACCOUNTING (3T+4P)	7	
10	PROJECT	6	
	TOTAL CREDITS:	46	



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DEPARTMENT OF COMMERCE

2022-2023
II, IV, VI SEMESTER

	FIRSTYEAR	Theory	Practicals
	II SEMESTER		
1	FINANCIAL ACCOUNTING II	5	
2	BUSINESS LAW	5	
	SECONDYEAR IV Semester		
3	INCOME TAX	5	
4	BUSINESS STATISTICS -II	5	
5	PRACTICE OF GENERAL INSURANCE	2	
6	REGULATIONS OF INSURANCE	2	
	TOTAL	24	




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DEPARTMENT OF ENGLISH

2022-2023

Paper	Title of the paper	Workload per week	Remarks
I	English Turf	4T@5=20	
III	English in use	3T@5=15	
V	English In Action	3T@5= 15	
	Total	50hrsperweek	
II	English Turf	4T@5=20	
IV	English in use	3T@5=15	
VI	English in Action	3T@5=15	
	Total	50hrs per week	




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Department OF Statistics 2022-2023

Department	Paper	Title of the paper	Workload Per week		Remarks
			Theory	Practical	
Statistics	I	Descriptive Statistics	4	3+3	2batches
	AECC	Environmental Science	1		
Statistics	III	Statistical methods and estimation	4	3+3	2batches
	SEC-2	Data Collection	2		
Statistics	V	Applied Statistics-1	4	3+3	2batches
		TOTAL	15 T	18P=33PerWeek	
Statistics	II	Probability Distributions	4	3+3	2batches
Statistics	IV	Statistical Inference	4	3+3	2batches
Statistics	VII	Applied Statistics-2	4	3+3	2batches
Statistics	VIII	Operations Research	4		
		TOTAL	16T	15P=34PerWeek	




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Department of Telugu
2022-2023

Paper	Title of the paper	Workload per week	Remarks
I	Sahithi manjeera	4T@5=20	
III	Sahithi kinnera	3T@5=15	
V	Sahithi dundubhi	3T@5=15	
	Total	50hrsperweek	
II	Sahithi manjeera	4T@5=20	
IV	Sahithi kinnera	3T@5=15	
VI	Sahithi dundubhi	3T@5=15	
	Total	50hrs per week	




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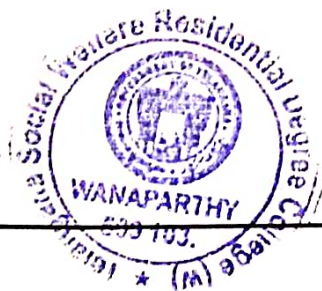
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Department of Zoology 2022-2023

Semester- I, III ,V

Group&SEM	Paper	Paper Title	Theory(Hrs)	Practical (Hrs)
BZC/MZC	Paper-I	Animal Diversity- Invertebrates	4@2=8	3x4(Batches)=12
III	Paper-III	Animal physiology and animal behavior	4@2=8	3x4(Batches)=12
V	PaperV	Immunology and Animal Biotechnology	4@2=8	3x4(Batches)=12
I	AECC	Environmental Science	2@2=4	
III	SEC	Public Health and Hygiene	2@2=4	
V	GE	Integrated Pest management	4@2=8	
		Total	40	36
		Total	40+36=76 /HPW	




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Department of Zoology 2022-2023

Semester-II,IV,VI

S.No	Group & SEM	Paper	Paper Title	Theory(Hrs)	Practical(Hrs)
1	BZC	Paper-II	Animal Diversity-Vertebates	4	3x2(Batches)=6
2	IV	Paper-IV	Cell Biology, Genetics and Developmental Biology	4	3x2(Batches)=6
3	VI	Paper-VI	Ecology, Zoo geography and Evolution	4	3x2(Batches)=6
4	VI	Project/Optional Paper	Tools and Techniques in Biology	4	-
5	IV	SEC	Aquaculture	2	-
	MZC	Paper-II	Animal Diversity-Vertebates	4	3x2(Batches)=6
7	IV	Paper-IV	Cell Biology, Genetics and Developmental Biology	4	3x2(Batches)=6
8	VI	Paper-VI	Ecology, Zoo geography and Evolution	4	3x2(Batches)=6
9	VI	Project/Optional Paper	Tools and Techniques in Biology	4	-
	IV	SEC	Aquaculture	2	-
			Total	36	36
			Total : . . .	36+36=72	72/HPW



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DEPARTMENT OF COMPUTER SCIENCE


2022-2023 A.Y ODD SEM				
Paper	Title	Work load per week	Groups	Total
MSCS				
I	C-PROGRAMMING	4Th+3Practical	I-MSCS	7
III	DATA STRUCTURES	4Th+3Practical	II-MSCS	7
V	JAVA PROGRAMMING	4Th+3Practical	III-MSCS	10
BCOM(CA)				
I	FUNDAMENTALS OF INFORMATION TECHNOLOGY	3Th+4Practical	I-BCOM	10
III	RELATIONAL DATABASE MANAGEMENT SYSTEM	3Th+4Practical	II-BCOM	10
V	ECOMMERCE	3Th+4Practical	III-BCOM	10




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2022-2023 A.Y EVEN SEM				
aper	Title	Work load per week	Groups	Total
MSCS				
I	PROGRAMMING WITH CPP	4Th+3Practical	I-MSCS	7
III	DATABASE MANAGEMENT SYSTEM	4Th+3Practical	II-MSCS	7
V	WEB TECHNOLOGIES	4Th+3Practical	III-MSCS	10
BCOM(CA)				
I	PROGRAMMING WITH C & CPP	3Th+4Practical	I-BCOM	10
III	WEB TECHNOLOGIES	3Th+4Practical	II-BCOM	10
V	CYBER SECURITY	3Th+4Practical	III-BCOM	10
AECC-2	BASIC COMPUTER SKILLS	2	I-MSCS, I-BCOM, I-MPC, I-BZC, I-MZC	10




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- DEPARTMENT OF MATHEMATICS

2022-2023

I, III, V SEMESTER

Mathematics	paper	Title of the paper	Theory	Tutorial	Remarks
	I	Differential Calculus and Integral Calculus	5+5=10 (5 for MPC&5 for MSCs)	4x1=4	
	III		Real Analysis	5+5=10 (5 for MPC&5 for MSCs)	4x1=4
	V	Linear Algebra	5+5=10 (5 for MPC&5 for MSCs)	4x1=4	
	SECIII	Theory of Equations/ Logic & Sets	2+2=4 (MPC&MSCS)		
		Total	34	12	46




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- DEPARTMENT OF MATHEMATICS

II, IV, VI SEMESTER

Mathematics	paper	Title of the paper	Theory	Tutorial	Remarks	
	II	Differential Equations	5+5=10 (5 for MPC&5 for MSCs)	4x1=4		
	IV		Algebra	5+5=10 (5 for MPC&5 for MSCs)	4x1=4	1Tutorial for abatchof20 students
	VI		Numerical Analysis/Integral transforms/ analytical solid Geometry	5+5=10 (5 for MPC&5 for MSCs)	4x1=4	
	SECIV	Number theory/Vector Calculus	2+2=4 (MPC&MSCS)			
		Total	34	12	46	




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