



COMMISSIONERATE OF COLLEGIATE EDUCATION,



GOVT. DEGREE COLLEGE

RAJAMPET, KADAPA, Dt.

(Affiliated to Yogi Vemana University, Kadapa.)

TEACHING DIARY

ACADEMIC YEAR 2022-2023

2023-2024

Name of the Department: Botany.

NAME OF THE LECTURER: S. Bhaskar Rao

Academic year: 2023-24

I, II & III Sem.

Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
27/07/23									
28/07/23									
29/07/23	II BSc BSc	6	Theory	Syllabus explanation	Lecture 15		B.B		
30/07/23	II BSc BSc	2-3	Practical	Practical Syllabus	Lecture 18		B.B		
31/07/23	II BSc BSc	5-7	Practical	Practical Syllabus	Lecture 14		B.B		
01/08/23		14	-	NBAC Organization					
02/08/23	II BSc BSc	5	Theory	Unit 1 - Connective tissue theory	Lecture 20		B.B	Q.A	
03/08/23	II BSc BSc	1	Theory	Epidermal tissue system	Lecture 22		B.B	Q.A	
04/08/23	II BSc BSc	2-3	Practical	Practical Syllabus Practical model	Lecture 5		B.B		
05/08/23		1-3	-	NBAC Preparation					
06/08/23	II BSc BSc	4	Theory	Ground tissue system	Lecture 23		B.B	Q.A	
07/08/23	II BSc BSc	5	Theory	Vascular tissue system	Lecture 22		B.B	Q.A	
08/08/23				Sunday.					

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
4.9.23 Mon				-					
5.9.23 Tue		1-4	-	Class Preparation					
	ABcom Bunika	6	Theory	Introduction to Biology & Examples & Biology	Lecture	35	B.R.	Q.A.	
6.9.23 Wed		1	-	Lab class preparations					
	ABZC	2-3	Pract	Practical syllabus & Model Paper	Lecture	15	B-R		
		4	-	Library					
	ABZC	5-9	Prac	Principle and applications Auto-clave - get air out	Demo	17	On Grant Photopap	A-A	
7.9.23 Thu		1-4	-	Class Preparation					
	ABZC Bunika	5	Theory	Amoeboid Secondary Pro Boerhavia					
8.9.23 Fri	ABZC Bunika	1	Theory	Anomalous Secondary Growth in Dracaena					
	ABZC	2-3	Pract	Tissue organization in Root apex - Shoot apex	Observant	100%	Slide microscopy	-	
		4-10	-						

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
9-9-23 Sat				Second Saturday					
10-9-23 Sun				Sun					
11-9-23 Mon		1-4	-						
	IBSc B ₁	5	Theory	Syllabus explanatory	Lecture	12	B.B.		
12-9-23 Tue	-	1-5	-	class Preparation					
	IBSc B ₁	6	Theory	Basic Principles of Biology	Lecture	24	B.P	Q+A	
13-9-23 Wed	-	1	-	class Preparation					
	IBSc B ₁	2-3	Pract	Tissue organization - Tissue Root apex & Stomach Stdu	Observed	12	Slide microscope		
		-	-						
	IBSc B ₁	5-7	Prac	Principle and application of staining in Stdu	Showing Micrograph	15	Micrograph & Stdu		
14-9-23 Thu		1	-	class Preparation					
	IBSc B ₁	2	Theory	Systematics - Definition and concept	Lecture	13	B.B.		

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
14-9-23 Thu	IBacc IBacc	4	Theory	Taxonomy - Definition & hierarchy	Lecture	14	B.P.		
15-9-23 Fri	IBacc IBacc	1	Theory	1/ Section Culture & A sample Secondary growth Behavioural	Demo	5	Slide of Microscopy		
16-9-23 Sat	IBacc IBacc	4-6	1	NAAC preparation - Two kingdom and five kingdom classification	Lecture	36	B.P.	Q & A	
		2-3		class preparation					
	IBacc IBacc	4	Theory	Economic imp of -Teak Red sandal	Lecture	32	B.P.	Q & A	
	IBacc IBacc	5	Theory	Economic imp of - Rosewood.	Lecture	30	B.P.	Q & A	
		6-7		NAAC Preparation					
17-9-23 Sun				Sunday					
18-9-23 Mon				Vinayaka chavathu?					

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
19.9.23 Tue	II Bcom CA	1-5	Theory	NAAAC Preparation Diversity in the living world + taxonomic categories.	Lecture	35	R.B.	Q & A	
20.9.23 Wed	II Bsc CA	1	-	Class Preparation J.S. of Borkaviradom	Observation	18	Slide Microscope		
	II Bsc	2-3	Prac	NAAAC Preparation	-	-	-		
	II Bsc	4	-	Demonstration of 1910-1920 - sterilization technique to study proc. food cells.	Showing Microscope	15	Projected	Q & A	
21.9.23 Thu	I	-	-	Class Preparation ICBN, ICZN					
	II Bsc B1	2	Theory	Binomial nomenclature	Lecture	13	B.B.	Q & A	
	I	3	-						
	II Bcom CA	4	Theory	Transform, structural & functional of plant vegetative propagation	Lecture	34	R.B.	Q & A	
	II Bsc Bcd	5	Theory	Structure & function and another wall type of tapetum	Lecture	21	B.B.	Q & A	

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
22.9.23 Fri	II BSc Sci	1	Theory	micros Progenies and development of male gametophyte	Lecture	21	B.B	Q+A	
	II BSc Sci	2-3	Phac	T-S of Dracaena stem.	Observation	5	Slide Microscope		
		4-9	—	NAAC work					
23.9.23 Sat	II Bcom	1	Theory	classification of plant kingdom	Lecture	20	B.B	Q+A	
		2-3	—	Class Preparation					
	II BSc Sci	4	Theory	Structure of ovules megasporogenesis	Lecture	23	B.B	Q+A	
	II BSc Sci	5	Theory	monoprotic & triprotic & tetraprotic embryosac	Lecture	22	B.B	Q+A	
24.9.23 Sun				Sunday					
25.9.23 Mon		1-4	—	NAAC preparation					
	II BSc Sci	5	Theory	Concept of transverse classification angiosperm	Lecture	8	B.B	Q.A	
26.9.23 Tue		1-5	—	NAAC Preparation	Lecture				
	II Bcom (CA)	6	Theory	Five kingdom classification	Lecture	40	B.D		

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
24/9/23 Tues	II BZC	1-6	-	class preparatio	Observed	16	Slide microscope		
	II BZC	2-3	Phac	T-S of Diocoeva stem					
	-	4	-	class preparatio					
	II BZC B ₁	5-6	Phact	M-S Mediums Preparation	Video camera	14	Video,		
28/9/23 Thu	-	-	-	Micr. - NAB					
29/9/23 Fri	II BZC B ₂	1	Theory	Development of Direct embryo (Capsella bursa)	Lecture	23	12-12	-	
	II BZC	2-3	Phac	Study of anther and ovule slide	Observed	5	Slide microscope	-	
		4-6	-	MAAC - Preparation					
30/9/23 Sat	II BZC	1	Theory	Basics of Animals classification and classification of Animal kingdom	Lecture	30	B.D	Q & A	
		2-3		Class Preparation					
	II BZC B ₂	4	Theory	active - pollination	Lecture	23	B.D.	Q & A	
	II BZC B ₂	5	Theory	Pollin - pistil interaction	Lecture	24	B.D	Q & A	

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1-10-23 Sun				Holiday.					
2-10-23 Mon				Holiday. Gandhi Jayanti					
3-10-23 Tue	I- Bcom	1-5	-	NATC Preparation					
	I- Bcom	6	Theory	Ultra structure of cell structure	lecture	40	B.B. A.A.		
4-10-23 Wed		1	-	class Preparation					
	I- Bcom	2-3	Pract	Tris of antler endovulv	Observat	14	slide & microscopy		
	I- Bcom	4	-	class Preparation					
	I- Bcom	5-7	Prac	Study of Somatic embryogenesis and Preparation of Synthetic Seed	Model & Preparation	18	Diagram A.A.		
5-10-23 Thu		1		class Preparation					
	I- Bcom	2	Theory	Biodiversity and conservation	lecture	14	B.B. A.A.		
	I- Bcom	3	Theory						
	I- Bcom	4	Theory						
	I- Bcom	5	Theory	Endosperm: Type and Biological Significance	lecture	23	Ppt & B.A.		

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6/10/23 Fri	II BSc BCU	1	Theory	Population ecology	Lecture	23	PPT B.B		
	II BSc	2-3	Prac	Pollination & germination & viability.	Observation	5	Photograph		
		4-4	-	NAAC Preparation					
7/10/23 Sat	II BSc ICA	1	Theory	Photosynthesis.	Lecture	40	B.B		
		2-3	-	Class preparation					
	II BSc BCU	4	Theory	Concept of Ecosystem	Lecture	21	B.B		
	II BSc BCU	5	Theory	Energy flow, food chains food web	Lecture	23	PPT B.B		
8/10/23 Sun				Sunday					
9/10/23 Mon		1-4	-	Class preparation					
	II BSc	5	Theory	Pollution and climate change	Lecture	16	B.B	Q & A	
10/10/23 Tue		1-5	-	OD. BCS					
	II BSc ICA	6	Theory	meeting.					

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11-10-23 Wed	II BZC	1	—	class preparation w					
	II BZC	2-3	Prac	Pollen germination, Viability	observed	18	Photogram		
		4	—	class preparation					
	III BZC B ₁	5-14	Prac	Anthesis culture ovary culture anthero culture	Showing Micrograph	15	Photogram		
12-11-23 Thu		1		class preparation					
	I BSc B ₁	2	Theory	Classification of plant kingdom	lectu	18	B-R	Q & A	
		3	—	class preparation					
	I Bcom C _A	4	Theory	Classification of plant kingdom	lectu	40	B-R	Q & A	
	II BZC B ₁	5	Theory	Climate factor: light and temperature	lectu	18 20 B-R	PPT B-R		
13-10-23 Fri	II BZC B ₁	1	Theory	Edaphic factor	lectu	21	B-R	Seminar	
	II BZC	2-3	Prac	Nucleus and cellular endosperm	observed	5	Photogram	Seminar	
		4-12	—	NAC preparation					

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25.10.23									
Wed		1	—	class preparation.					
	II Bzc	2-3	Prac	Nucleus & cellular endosp.	observ.	18	Photogrn		
	III Bzc	5-10	Prac	Study of embryo culture	Microv Photogrn	17	Photogrn	Q+A	
26.10.23		1	—	class preparation.					
Thu									
	III Bzc	2	Theory	plant physiological process Respiration	Lectures	14	B.B	Q+A	
		3	—	class preparation					
	III Bzc	4	Theory	community ecology - Frequency, Diversity, cover	Lectures	23	B.B	Q+A	
	III Bzc	4	Theory	Plant cells vs animal cells	Lecture	31	B.B	Q+A	
		6-11	—	Water Preparation					
27.10.23	III Bzc	1	Theory	community ecology - life form. Biodiversity	Lectures	21	PPT, B.B		
	III Bzc	2-3	Prac	Embryology nauplius in Argemone	Dissection / observ.	5	slide of microsc.	Semin	
		4-11	—	NAAC preparation					

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28/10/23 Sat	I Bcom CA	1	Theory	Plant growth and development Physiology of flowering	Lecture	30	B.B	Q+A	
		2-3	-	Class preparation					
	IIBZC BCL	4	Theory	Concept of Productivity AP and NPP	Lecture	23	B.B		
	IIBZC BCL	5	Theory	Community respiration	Lecture	24	B.B		
29/10/23 Sun				Sunday.					
30/10/23 Mon		1-4	-	- NAAC Preparation					
	IIBZC BCL	5	Theory	Plant physiology Photosynthesis - Transpiration					
31/10/23 Tue		1-5	-	NAAC Preparation					
	IIBcom CA	6	Theory	Human Physiology - Digestion	Lecture	30	A.B	Q+A	
1/11/23 Wed.	IIBZC	2-3	Prac						
	IIBZC	5-6	Prac	Embryology of human in Argemone	Discussion Observation	19	Slides Microscope		

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2-11-23	I. Botany 2nd year	1		NAAE Preparation					
	I. Botany 2nd year	1	Theory	Plant physiological processes - photosynthesis	Lecture	18	B.B.	Q.A.	
		3	-	NAAE Preparation					
	I. Botany 2nd year	4	Theory	Human Physiology - Respiration	Lecture	30	R.B.	Q.A.	
	I. Botany 2nd year	5	Theory	Secondary productivity	Lecture	20	R.B.		
		6-7	-	NAAE Preparation					
3-11-23	I. Botany 2nd year	1	Theory	P/R ratio	Lecture	21	R.B.		
	I. Botany 2nd year	2-3	Practical	Developmental stages in dicot embryo	Observation	6	Photomicrographs		
		4-9	-	NAAE Preparation					
4-11-23	I. Botany 2nd year	1	Theory	Human Physiology - circulation	Lecture	21	R.B.	Q.A.	
	I. Botany 2nd year	4	Theory	Biodiversity - Ecological Concept					
	I. Botany 2nd year	5	Theory	Conservation of Biodiversity					

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
6-11-23 mon	-	1-4		class preparation.					
	IBotany 2nd B ₁	5	Theory	Structure of flower	Lecture	16	R.B	Q.A	
7-11-23 Tue		1-5	-	Class preparation					
	IBcom CA	6	Theory	Male and female reproductive organ	Lecture	30	R.B	Q.A	
8-11-23 Wed	-	1	-	class preparation					
	IBZC	2-3	Practical	Developed stages of Dicot embryo	Observation	18	Photogram		
	IBZC B ₁	5+1	Practical	Photo gram of protoplasm culture	Photos	17	Photogram		
9-11-23 Thu		1	-						
	IBotany 2nd B ₁	2	Theory	Microsporangium	Lecture	15	R.B	Q.A	
	IBcom CA	4	Theory	Gametophyte & Fertilization	Lecture	30	R.B	Q.A	
	IBZC B ₁	5	Theory	Earth Summit	Lecture	20	R.B		

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology/ Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
10/11/23 Fri	II BSc BSc	1	Theory	Value & Biodiversity	lecture	18	B.B.		
	II BSc	2-3	Practical	Developmental stages of Murelet-embry.	observation	6	photograph	Seminar	
11/11/23		4-7	—	Natic Preparation					
Sat				Second Saturday					
12/11/23 Sun				Sunday					
13/11/23 Mon		1-4		class preparation.					
	I BSc BSc	5	Theory	Megaspores	Lecture	16	B.B.	AAA	
14/11/23 Tue		1-5	—	— class preparation					
	II BSc CA	6	Theory	Mendel's Law & inheritance	lecture	31	B.B.	AA	
15/11/23 Wed		1	—	Class preparation	—	—	—	—	
	II BSc	2-3	Practical	Developmental stages of Murelet-embry	Observation	18	photograph		
	II BSc BSc	4-7	Practical	Photograph of B.S cotton.	Observation	13	Photograph	—	

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16/11/23 Wed		1	-	class preparation					
	Theory	2	Theory	Pollination	Lecture	14	B.R.	Q.A.A.	
	IBcom CA	4	Theory	Genetic disorders - colour blindness - Sickle cell anaemia	Lecture	34	B.R.	Q.A.A.	
	IBZC Recd	5	Theory						
17/11/23 Fri	IBZC Recd	1	Theory	Values & Biodiversity	Lecture	20	B.R.		
	IBZC Recd	2-3	Practical	Instruments - Soil - Humidity - Max-min thermometer - Anemometer - Compass	Observant	6	Instrument	Sentinel	
		4-7	—						
18/11/23 Sat	IBcom CA	1	Theory	Geological time - Scales for evolution of plants & animals	Lecture	34	B.R.	Q.A.A.	
		2-3	—						
	IBZC Recd	4	Theory	Types and levels of Biodiversity	Lecture	21	B.R.		
	IBZC Recd	5	Theory	Threats to Biodiversity	Lecture	20	B.R.		
19/11/23 Sun				Sunday.					

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20/11/23		1-4	-						
Mon									
	IBotany 100 B ₁	5	Theory	Fertilization	lecture	15	B.B. A.A.		
21-11-23		1-5							
Tue									
	IBcom CA	6	Theory	Common Human diseases of Indo-Asian Area,	lecture	35	B.B. Q.1		
22-11-23									
Wed		1	—	class Preparation					
	IBZC	2-3	Practical	Instruments - Soil thermometer, moisture thermometer, Rain Gauge - Anemometer,	observat	6	Ordnance		
	IBZC B ₁	5-7	Practical	Photographs Transgenic Plants	observat	17	Photogram		
23/11/23									
Thu		1	—	class Preparation					
	IBotany/ 100 B ₁	2	Theory	Structure & Morphology	lecture	16	B.B. A.A.		
	IBcom CA	4	Theory	Food common human diseases concerns and control	lecture	39	B.B. Q.1		
	IBZC B ₁	5	Theory	Biodiversity Hot spots and Endemic - North-East India	lecture	21	P.P.T B.B.		

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24/11/23 Wed	II BZC BCS	1	Theory	isodiversity plot spot in India - Western Ghats	Lecture	20	PPT B.B.		
	II BCS	2-3	Practical	Photographs - xanthophylls and hydrolytic Pleus	Observation	6	Photograph		
		4-7	-	-					
25/11/23 Sat	II BCS CA	1	Theory	Plant Disease and treatment Rice Spot, leaf spot,	Lecture	34	B.B	Q.A	
		2-3		class preparation					
	II BZC BCS	4	Theory	IVCN Threat categories	Lecture	34	B.B	Q.A	
	II BZC BCS	5	Theory	Red Data book.	Lecture	34	Q.B	Q.A	
26/11/23 Sun				- Holiday.					
27/11/23 Mon		1-4	-	-					
	Theory B ₁	5	Theory	Structure Dicot embryo	Lecture	14	B.B	Q.A	
28/11/23 Tue	II BCS CA	6	Theory	Plant Disease and treatment Powdery mildew, Blight etc	Lecture	34	B.B	Q.A	

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29/12/23 Wed.	DBZC BCCB	2-3	Practical	Hydrolytic and Xerophilic	observed	18	Photograph		
	III BZC B ₁	5-7	Practical	Photograph Secondary metabolites	Observation	12	Photograph		
30/12/23 Thu		1	—	class preparation					
	IBBby B ₁	2	Theory	Mushroom cultivation	lecture	15	OB B&A		
	IBBom CA	4	Theory	Tools and Process of rDNA technology	lecture	32	B-B B&A		
	II BZC BCCB	5	Theory	Role of NBPARK					
31/12/23 Fri	II BZC BCCB	1	Theory	Role of NBPARK in the conservation of Biodiversity	lecture	20	B-B B&A		
	II BCCB	2-3	Practical	Extraction and analysis of herbaceous plants in culture	Extraction & collection	6	B-B		
2/12/23 Sat	II BCCB CA	1	Theory	Applications of Biotechnology in agriculture	lecture	32	B-B B&A		
	II BZC BCCB	4	Theory	climate factor - density	Lecture	21	B-B		
	II BZC BCCB	5	Theory	Climate factor - Tempu	Lecture	11	B-B		
3/12/23 Sunday				holiday					

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4-12-23 Mon	Theory B ₁	5	Theory	flori culture	lecture	16	B.B	Q+A	
5-12-23 Tue	Theory CA	6	Theory	Application & Biotechnology in food industry	lecture	31	B.B	Q+A	
6-12-23 Wed		1	—	class preparation					
	Theory B ₂	2-3	Practical	Quantitative Analysis & herbaceous plants.	collaborative student	18	R.B		
	Theory B ₃	5-7	Practical	photograms & Bt. mulberry	observation	17	Photograms		
7-12-23 Thu		1	—	class preparation					
	Theory B ₁	2	Theory	land Scaping	lecture	18	B.B	Q+A	
	Theory CA	4	Theory	Applications of Biotechnology in medicine	lecture	33	B.B	Q+A	
	Theory B ₂	5	Theory	Position					
8-12-23 Fri	Theory B ₂	1	Theory	Revision					
	Theory B ₂	2-3	Practical	Record correction	correction	5	Record identification		
		4-7	—	None Preparation					

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9-12-23 Sat				Second Saturday Holiday					
10-12-23 Sun				Holiday					
11-12-23 Mon	IBotany B ₁	5	Theory	Land Scaping	Lecture	14	B.S	QA	
12-12-23 Tue	IBotany CA	6	Theory	Transgenic plants	Lecture				
13-12-23 Wed		1		class preparation					
	IBotany	2-3	Practical	Records.					
	IBotany B ₁	5-7	Practical						
14-12-23 Thu		1	—	class preparation					
	IBotany B ₁	2	Theory						
	IBotany CA	4	Theory						
	IBotany B&A	5	Theory	Revision	Lecture	21	B.S		

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
Mon 22-12-14	-	1	-	class preparations					
	IB	2	Theory	Syllabus explanation	lecture	8	R.B	no	
		3	-						
	IB & acc	4	Theory	Syllabus explanation	lecture	14	B.B		
		5-6	-						
Tue 23-12-14		1-2		class preparations					
	IB & acc	3	Theory	cell theory, prokaryotic VS eukaryotic cell	Lecture	16	B.B. 9:10		
		4		class preparation					
	IB & acc	5-6	practical	practical syllabus Appli	lecture	5	B.B		
24-12-14	IB & acc	1	Theory	Animal cell VS plant cell	lecture	17	B.B Chart		
		2-3		class preparation					
	IB & acc	4	Theory	General characteristics of Algae	Lecture	7	B.B	Q & A	

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology/ Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
25-1-24 Thu				00					
26-1-24 Fri				—					
27-1-24 Sat		1-4		NAAC work, class preparation					
	II BSc	5-6	Practical	Staining & Photogram & plant cell and cell diagonals	Staining Photogram	17	Photogram	—	
28-1-24 Sun				—					
29-1-24 Mon		1		class preparation					
	II Bot	2	Theory	Occurrence and distribution of Angiosperm Cell Structure	Lectures	8	B.B	Q + A	
		3	—	class preparation					
	II BSc II BEd	4	Theory	Ultra-Structure of Cell wall	Lectures	15	Ppt B.B		
		5-6		NAAC work.					

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
30/1/24 Tue		1-2		Library and class preparation					
	Basic B.C.D	3	theory	Ultra Structure of Plasma membrane Unit membrane Model	Lecture	16	B.B.		
		4		Class preparation					
	Basic B.C.D	5-6	practical	ultrastructure of cell and cell organelles	showing Micrograph	17	Micrograph		
31/1/24 Wed	Basic B.C.D	1	theory	Fluid-mosaic model & Plasma membrane	lecture	17	B.B. ppt	-	
		2-3	-	class preparation					
	Basic B.C.D	4	theory	pigments in alga, flagella and reserve food material in alga	B.B.	9	B.B. Q&A		
		5-6		NAAC work.					
2/2/24 Thu	Topic B.C.D	1-2	practical	Syllabus explanation.	Lecture	9	B.B.	-	
	-	3	-	class preparation.					
		4		class preparation					
	5-6 B.C.D		practical	NAAC work.					

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
2-2-24 Fri	Lab	1	Theory	Classification of Algae by P.C.F.	Lecture	8	B.B & ppt	B.A.	
		2-6	-	N.A.C. work,					
3-2-24 Sat	Lab	1	Theory	Thallus organization of Algae	Lecture	8	P.P.L & B.B		
		2-6		N.A.C. work.					
4-2-24 Sun				Sunday.					
5-2-24 Mon	Lab	2	Theory	Ecological and economic imp. of Algae.	Lecture	7	B.B	Q.A	
		3		Class preparation.					
	Lab	4	Theory	Polymeric cell organization. Rhizoids	Lecture	17	B.B		
Tue 6-2-24		1-2		Class preparation					
	Lab	3	Theory	Ultra structure & Chlorom	Lecture	16	B.B & ppt		
		4-5	-	Planchets					

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
7.2.24 Wed	II nd sec	1	Theory	Structure & Plasmid DNA	Lecture	16	13 B ppt		
		2-3		Library, Classification					
	I st sec	4	Theory	Economic imp of Algae	Lecture	08	B.D		
		5-6		NAC work.					
8.2.24 Thu	I st sec	1-2	Practical	Spinosyna -killed.	observation	08	Plasidyma		
		3-6		NAC work. library.					
9.2.24 Fri	I st sec	1	Theory	Occurrence Structure & Spinosyna	Lecture	9	B.D. Charts	B.A	
		2-6		NAC work. library					
10.2.24 Sat				—					
11.2.24 Sun				—					
12.2.24 MON	I st sec	2	Theory	Reproduction and type of Spinosyna	Lecture	7	B.D. am. Diagram Chart		
	II nd sec	4	Theory	Plasmid DNA	Lecture	22	B.D.		

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
18-2-24 Tue				Paper valuation at					
17-2-24 Tue				Y.V.U. Kadapa.					
19-2-24 Wed	—	1	—	class preparation					
	2 nd Bot	2	Theory	occurrence and structure of Echinocarpus	Lecture	8	B.B charts		
		3-3		class preparation					
	2 nd Bot Gen	4	Theory	Prokaryotic VS Eukaryotic Chromosome	Lecture	14	B.B		
20-2-24 Thu		1-2		class preparation					
	2 nd Bot Gen	3	Theory	morphology of Eukaryotic chromosomes.					
21-2-24 Wed.		4-6		N/A.c. work.					
	2 nd Bot Gen	1	Theory	Prokaryotic Eukaryotic and Heterochromatin	Lecture	16	B.B		
		2-3		class preparation					
	2 nd Bot	4	Theory	Reproduction & life cycle of Echinocarpus	Lecture	7	charts B.B		

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
22.2.24 Thu	I Bot	1-2	Prac	Perminut slide of Vaucheria	Observation	8	Microscopic slides		
23.2.24 Fri	I Bot	1	Theory	Library, NAAC Work. Occurrence and structure of Vaucheria	Lecture	8	R.B. chart		
24.2.24 Sat	I Bot II Bots	1-4		Library NAAC work.					
25.2.24 Sun				Class Preparation					
25.2.24 Sun		5-6	Prac	Mitosis	Demon.	5	Alumel mfracture		
26.2.24 Mon	I Bot	1							
	I Bot	2		class preparation					
		3	Theory	Reproduction and life cycle of Vaucheria	Lecture	8	R.B. charts		
	II Bsc BCB	4	Theory	class preparation					
				Karyotype and Ideograms					

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
27.2.24 Tue		1 & 2		class preparation					
	II BSc Bcell	3	Theory	structural chromosomal aberrations	lecture	17	Ppt R.B		
		4		class preparation					
	II BSc	5-6	Prac	Domestication of mink by Sucka mink	Demon	5	Microscope slides		
28.2.24 Wed	II BSc Bcell	1	Theory	numerical changes in Chromosomes	lecture	16	Ppt R.B	Seminar	
	-	2-3	-	Library class preparation					
	II BSc	4	Theory	occurrence, cell structure & Polyploidy	lecture	18	B.V chart		
29.2.24 Thu				OD - Total					
30 to									
5.3.24									
6.3.24 Wed	II BSc Bcell	1	Theory	organization of DNA in chromosomes (island model)					
	-	2-3	-	class preparation					
	II BSc	4	Theory	Polysiphonia reproduction	lecture	9	chart R.B		

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology/ Adopted	No of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
7-3-24 Thu				CL					
8-3-24 Fri		-		Maha Siva Ratri -					
9-3-24 Sat				-					
10-3-24 Sun				-					
11-3-24 Mon				CL					
12-3-24 Tue		1-2		class preparation					
	UG-2 Bsc	3	Theory	models and instructions	lecture	15	B.B	Seminar	
	-	4	-	class preparation					
	Bsc	5-6	Prac	Demonstration of Meridian A.D.M.C. of Allium cepa flower	Demo	8	Micro gaily		
13-3-24 Wed	UG-2 Bsc	1	Theory	4 Brief account of Baccharis pinnata	lecture	7	B.B		
	-	2-3	-	class preparation					
	UG-1	4	Theory	Redox and culturing of chloroplasts	lecture	08	B.B etc		

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
14.3.24 Tue	I Bot	1-2	Prac	perminat slide of polytrichum	observation	8	microscop slides		
	-	3	-	class preparations					
	II Bot Recd	4	Theory	example Dorsiventr.	lecture	15	B.B		
	-	5-6	-	NAAc Preparation.					
15.3.24 Fri	I Bot	1	Theory	General characteristics of Fungi and Antibiotic production.	lecture	09	B.B & ppt		
	-	2-6	-	library NAAc work.					
16.3.24 Sat	II Bot	1-4	-	Library. NAAc work					
	II Bot	5-6	Prachi.	Demonstration of microfungi in Allergan op.	Demo	18	Microscop slides		
17.3.24 Sun	-	-	-	-					
18.3.24 Mon				CL					
19.3.24 Tue				CL					

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
20.3.24 Wed	II BSc Bcell	1	Theory	co-dominance, multiple allelism	lecture	16	B.B	Seminar	
	-	2-3	-	Class preparations					
	II Bot	4	Theory	Thallus Organisation & Fungi reproduction					
	-	5-6	-	NAAc work					
21.3.24 Thu	II Bot	1-2	Pract	Demonstrating culture of cultivation of chlorella.	Demo.	8	Black		
	-	3	-	Class preparations					
	II BSc Acids	4	Theory	complementary sucrinase and diolacate gen interact	lecture	17	Ppt A.B.B		
22.3.24 Fri	II Bot	1	Theory	Heterokelium and paracellulose	lecture	08	B.B ppt	-	
	-	2-6	-	Library, NAAc work.					
23.3.24 Sat	II Bot	1-4	Theory	Library, NAAc work					
	II Bcell	5-6	Pract	Shovel, DNA & RNA models	Shovel. models	6	DNA & enzymes		
24.3.24 Sun	-	-	-	-					

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
25.3.24				Hdl ^o					
26.3.24 Tue	II B _{2c} Bcd	1	Theory	A Bird account book and exercise.	lecture	17	Ppt & DB		
		2-4	-	library, class preparation					
	II B _{2c}	5-6	Prac	Demonstration of methods in Pmc & Tillium app for	Demo	18	Miner slides	Seminar	
27.3.24 Wed	II B _{2c} Bcd	1	Theory	Isolation and once model of out & DNA Replication	lecture	18	Ppt & B		
		2-3		class preparation					
	Bot	4	Theory	Ecological and Economic Imp & usage	Lecture	08	B.B	Q & A	
	-	5-6	-	NAAC work					
28.3.24 Thu	IBot	1-2	Prac	Permanent slides of Anabaena & Rhizopus	Observation	08	Microscopic slide	AO	
		3		class preparation					
	II B _{2c} Bcd	4	Theory	Type and function & Role	lecture	19	B.B		
	-	5-6	-	NAAC work					

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Date/ Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
29.3.24 Fri				Good Friday					
30.3.24 Sat		1-4		Library, NMAC visit					
	II BSc	5-6	Practical	Heart - oxygen concept	Lecture	19	PPT & BB		
31.3.24 Sun				Sunday					
1.4.24 Mon		1		Class Preparation			PPT, BB		
	II Bot	2	Theory	Occurrence, structure and reproduction of Rhizopus	Lecture	08			
		3		Class Preparation					
24.24 Tue		1-2		Class work					
	II BSc BSc	3	Theory	Gene concept and Genetic code and Translation	Lecture	18	PPT & BB	Seminar	
		4-		Class Preparation					
	II BSc	5-6	Practical	Heart - oxygen concept		5	PPT & BB		

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Date/Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No. of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
31-12-24	II BSc BEd	1	Theory	Plant breeding and its concept	Lecture	20	BB.		
	-	2-3	-	class preparation.					
	II Bot	4	Theory	occurrence, structure and reproduction & Puccinia	Lecture	08	BB, ppt		
	-	5-6	-	NAAE work.					
4-12-24	-	-	-	C.K					
5-12-24	-			Jagjivanlal Jaganthi					
6-12-24	-			CL					
7-12-24	-			Sunday.					
8-12-24	-	1		class preparation					
	II Bot	2	Theory	General character & properties	Lecture	09	BB		
	-	3	-	class preparation					
	II BSc BEd	4	Theory	Marks selection	Lecture	21	BB		

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Date / Day	Class / Medium	Period / Time	Theory / Practical	Topic covered	Methodology Adopted	No of Students attended	Teaching Aids used	Students Activity Conducted	Remarks
9/4/24 Tue	—	—	—	holiday (Ugadi)					
10/4/24 Wed	II BSc Bot	1	Theory	Pure lin-Selection	lecture	21	B.B ppt	Seminar	
	—	2-3	—	class preparation					
	II Bot	4	Theory	occurrence of speciation & reproduction & morphological	lecture	07	B.B chart		
	—	5-6	—	NAAc work.					
11/4/24 Thu	II Bot	1-2	Pract	General account on evolution & phylogeny	lecture	08	B.B		
	—	3	—	class preparation					
	II BSc Bot	4	Theory	clonal selection	lecture	22	B.B ppt		
	—	5-6	—	NAAc work.					
12/4/24 Fri	II Bot	1	Theory	occurrence, structure & reproduction of poly autotrophs	lecture	08	B.B chart	—	
	—	2-6	—	library NAAc work					

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23.4.24 Sat	-	1-4	-	Library. N.A. work			B.B.		
	11 Secs	5-6	Practical	Hybridization / Heterosis	lecture 21				
14.4.24 Sun	-	-	-	-					
15.4.24 Mon		1	-	class preparation					
	11 Bot	2	Theory	Reproduction & Fertilisation vs. Cattle	lecture	08	PPT Chart	Q & A	

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