AY- 2023-24

THE SHIRPUR EDUCATION SOCIETY
R. C. PATEL EDUCATIONAL TRUST

Lecture Planning (Teaching Plan)

Class: F.Y.B.Pharm Division A Subject: Pharma. Analysis

Lectures Required as per the Syllabus 45

Sr. No.	Date	Lecture No.	Topics Plan	Unit / Chapter Learning Outcome
1	18.10.2023	31	Unit - IV	
2	23.10.2023	32	Unit - IV	
3	25.10.2023	33	Unit - IV	
4	25.10.2023	34	Unit - IV	CO-01, 04, 06
5	06.11.2023	35	Unit - IV	
6	06.11.2023	36	Unit - IV	
7	07.11.2023	37	Unit - IV	
8	08.11.2023	38	Unit - IV	
9	20.11.2023	39	Unit - V	
10	21.11.2023	40	Unit - V	
11	22.11.2023	41	Unit - V	CO-01, 05, 06
12	22.11.2023	42	Unit - V	
13	28.11.2023	43	Unit - V	
14	29.11.2023	44	Unit - V	
15	29.11.2023	45	Unit - V	

01.08.2023

Sign. of Teacher

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H.R.Patel Institute of Pharmaceutical Education & Research, Shirpur Dist Dhule (M.S.) 425 405

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THE SHIRPUR EDUCATION SOCIETY
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Lecture Planning (Teaching Plan)

Class: S.Y. B.Pharm Division B Subject: Pharma. Microbiology

Lectures Required as per the Syllabus 45

Sr. No.	Date	Lecture No.	Topics Plan	Unit / Chapter Learning Outcome
1	01.09.2023	01	Unit - I	
2	01.09.2023	02	Unit - I	
3	02.09.2023	03	Unit - I	
4	07.09.2023	04	Unit - I	
5	07.09.2023	05	Unit - I	CO-01
6	08.09.2022	06	Unit - I	
7	09.09.2023	07	Unit - I	
8	14.09.2023	08	Unit - I	
9	14.09.2023	09	Unit - I	
10	15.09.2023	10	Unit - I	
11	16.09.2023	11	Unit - II	
12	21.09.2023	12	Unit - II	
13	21.09.2023	13	Unit - II	CO-02
14	22.09.2023	14	Unit - II	
15	23.09.2023	15	Unit - II	

01.09.2023

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4/9/2023

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THE SHIRPUR EDUCATION SOCIETY
R. C. PATEL EDUCATIONAL TRUST

Attendance Sheet (Theory / Practical/Tutorial)

Class: F. Y. B.Pharm

Subject: PA

Roll No.	Name of Student	Date	04.01.23	04.09.	05.09.	05.09.	06.09.	06.09.	11.09.	11.09.	12.09.	13.09.	13.09.	18.09.	20.09.	20.09.	25.09.	25.09.	26.09.	27.09.	03.10.	04.10.
		L.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Aher Sahil Prashant		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	Ahire Mitali Jyoti		1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3	Badgujar Janhavi Hemant		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4	Badgujar Vaishnavi Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	A	15	16	17	18	19
5	Bagal Tejas Satish		A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
6	Bagul Prathmesh Rajendra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
7	Baisane Niraj Ravindra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
8	Barband Aditi Jitendra		1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19
9	Bari Purvesh Prakash		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	Bawa Mayuri Raghunath		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
11	Beldar Divya Mangalesh		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
12	Bhandare Gaurav Gopal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
13	Bhoi Shruti Vishal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
14	Borse Harish Hilal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
15	Chaudhari Chaitali Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	Chaudhari Mohit Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
17	Chaudhari Vedant Sanjay		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
18	Choudhary Darshana		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
19	Chavhan Seema Gopal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
20	Dashpute Trupti Mahendra		1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
21	Deshmukh Gunjan Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
22	Dhangar Lakhan Jagadish		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23	Dilwale Tushar Mahendra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
24	Doifode Pranav Gajanan		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
25	Gadhari Akash Jijabrao		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
26	Gagare Samadhan Chhotu		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
27	Gavali Manish Vishnu		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
28	Giradkar Ankit Vilas		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
29	Girase Ashwini Ravindrasin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	
30	Girase Divya Chandrasing		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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Attendance Sheet (Theory / Practical/Tutorial)

Roll No.	04.10	05.10	07.10	10.10	11.10	11.10	16.10	16.10	17.10	18.10	18.10	23.10	23.10	27.10	06.11	06.11	07.11	08.11	20.11	21.11	22.11	22.11	28.11	29.11	29.11	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
	21	22	23	24	A	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	20	21	22	23	24	25	26	27	28	29	30	A	31	32	33	34	35	36	37	38	39	40	41	42	43	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	A	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	A	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	A	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	A	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	19	20	21	22	23	24	25	26	27	28	29	A	30	31	32	33	34	35	36	37	38	39	40	41	42	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	A	44	

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Shirpur Dist. Dhule M.S. 425 405

References for Pharmaceutical Microbiology

1. N.K.Jain: Pharmaceutical Microbiology, Vallabh Prakashan, Delhi
2. S. B. Bhise ,M. S. Bhise, Lalit Lata Jha: Pharmaceutical Microbiology, Nirali Prakashan, Pune
3. W.B. Hugo and A.D. Russel: Pharmaceutical Microbiology, Blackwell Scientific publications, Oxford London.
4. Prescott and Dunn, Industrial Microbiology, 4th edition, CBS Publishers & Distributors, Delhi.
5. Ananthnarayan and Panikar'e: Text Book of Microbiology, Orient-Longman, Chennai
5. [illegible] Pharmaceutical Analysis I.
6. Bentley and Driver's Textbook of Pharmaceutical Chemistry.
7. Indian Pharmacopoeia 2014.

Month Sept. 9.2023

Day & Date	Cl				References
Monday / /20					
Tuesday / /20					
Wednesday / /20					

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Lecture Details

Day & Date	Class	Subject	Syllabus Planned	Syllabus Covered	References
Thursday 01/09/2023	S.Y. B	PM	Unit - I	Introduction, history & branches of microbiology. scope of micro.	1, 2
~~Friday~~ 01/09/2023	S.Y. B	PM	Unit - I	Importance of micro. Prokaryotes & Eukaryotes	1, 2
Saturday 02/09/2023	S.Y. B.	PM	Unit - I	Ultrastructure of bacteria	1, 2
Remarks	Lectures were conducted as per plan				

01.09.2023
Sign. of Teacher

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25/9/2023
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THE SHIRPUR EDUCATION SOCIETY
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Practical Plan (Batch wise)

Class: F.Y. B.Ph Subject: Pharmaceutical Analysis

Number of practical as per syllabus: 15 Actual Number of practical conducted: Batch: D

Sr. No.	Name of Experiment	Planned Date	Actual Date
1	Introduction to laboratory reagents & glasswares	04.09.2023	04.09.2023
2	To perform the limit test for chloride of the given sample.	04.09.2023	04.09.2023
3	To perform the limit test for sulphate of the given sample.	11.09.2023	11.09.2023
4	To perform the limit test for iron of the given sample	11.09.2023	11.09.2023
5	To demostrate the limit test of given sample of arsenic	18.09.2023	18.09.2023
6	To prepare & standardise 1 M sodium hydroxide as per IP.	18.09.2023	18.09.2023
7	To perform assay of ammonium chloride by acid base titration.	24.09.2023	24.09.2023
8	To prepare & standardise 0.02 M potassium permagnate as per IP.	25.09.2023	25.09.2023
9	To perform assay of hydrogen peroxide by permagnatometry	07.10.2023	07.10.2023
10	To prepare & standardise 0.1 M cerric ammonium sulphate as per IP	09.10.2023	09.10.2023
11	To perform assay of ferrous sulphate by cerimetry	16.10.2023	16.10.2023
12	To prepare & standardise 0.05 M sodium editate as per IP.	23.10.2023	23.10.2023
13	To perform assay of calcium gluconate by complexometry	06.11.2023	06.11.2023
14	To prepare & standardise 0.1 M ammonium thiocyanate as per IP	20.11.2023	20.11.2023
15	To perform assay of sodium chloride by precipitation titration	26.11.2023	04.12.2023

01.09.2023

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Lecture Planning (Teaching Plan)

Class: F.Y. B.Pharm Division A Subject: Biochemistry

Lectures Required as per the Syllabus 45

Sr. No.	Date	Lecture No.	Topics Plan	Unit / Chapter Learning Outcome
1	23.01.2024	01	Biomolecules	
2	24.01.2024	02	Biomolecules	
3	30.01.2024	03	Biomolecules	CO-01,05
4	31.01.2024	04	Biomolecules	
5	02.02.2024	05	Bioenergetics	
6	06.02.2024	06	Bioenergetics	
7	07.02.2024	07	Bioenergetics	CO-01,05
8	09.02.2024	08	Bioenergetics	
9	13.02.2024	09	Carbohydrate metabolism	
10	14.02.2024	10	Carbohydrate metabolism	
11	16.02.2024	11	Carbohydrate metabolism	
12	18.02.2024	12	Carbohydrate metabolism	CO-01,03,05
13	20.02.2024	13	Carbohydrate metabolism	
14	21.02.2024	14	Carbohydrate metabolism	
15	23.02.2024	15	Carbohydrate metabolism	

22.01.2024

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Lecture Planning (Teaching Plan)

Class: F.Y. B.Pharm Division A Subject: Biochemistry

Lectures Required as per the Syllabus 45

Sr. No.	Date	Lecture No.	Topics Plan	Unit / Chapter Learning Outcome
1	27.02.2024	16	Biological Oxidation	
2	28.02.2024	17	Biological Oxidation	CO - 02, 05
3	01.03.2024	18	Biological oxidation.	
4	05.03.2024	19	Lipid metabolism	
5	06.03.2024	20	Lipid metabolism	
6	10.03.2024	21	Lipid metabolism	CO - 01, 03, 05
7	10.03.2024	22	Lipid metabolism	
8	12.03.2024	23	Lipid metabolism	
9	13.03.2024	24	Amino Acid metabolism	
10	13.03.2024	25	Amino Acid metabolism	
11	15.03.2024	26	Amino Acid metabolism	CO - 01, 03, 05
12	24.03.2024	27	Amino Acid metabolism	
13	24.03.2024	28	Amino Acid metabolism	
14	26.03.2024	29	Nucleic Acid metabolism	CO - 01, 03, 05
15	27.03.2024	30	Nucleic Acid metabolism	

22.01.2024
Sign. of Teacher

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THE SHIRPUR EDUCATION SOCIETY
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Attendance Sheet (Theory / Practical/Tutorial)

Class: F. Y. B. Pharm - A Div.

Subject: Pharma. Analysis

Roll No.	Name of Student	Date	23.01.24	24.01.	30.01.	31.01.	02.02.	06.02	07.02.	09.02	13.02.	14.02.	16.02.	18.02.	20.02.	21.02.	23.02.	27.02.	28.02.	01.03.	05.03.	06.03
		L.No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-1	Aher Sahil Prashant		A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A-2	Ahire Mitali Jyoti		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-3	Badgujar Janhavi Hemant		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-4	Badgujar Vaishnavi Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-5	Bagal Tejas Satish		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-6	Bagul Prathmesh Rajendra		A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A-7	Baisane Niraj Ravindra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	A
A-8	Barband Aditi Jitendra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-9	Bari Purvesh Prakash		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17	A	19
A-10	Bawa Mayuri Raghunath		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-11	Beldar Divya Mangalesh		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-12	Bhandare Gaurav Gopal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-13	Bhoi Shruti Vishal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-14	Borse Harish Hilal		1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	A	16	17	18	19
A-15	Chaudhari Chaitali Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-16	Chaudhari Mohit Pravin		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-17	Chaudhari Vedant Sanjay		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-18	Choudhary Darshana Himmat		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-19	Chavan Seema Gopal		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-20	Dashpute Trupti Mahendra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-21	Deshmukh Gunjan Pravin		1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A-22	Dhangar Lakhan Jagdish		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-23	Dilwale Tushar Mahendra		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-24	Doifode Pranav Gajanan		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-25	Gadhari Akash Jijabrao		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-26	Gagare Samadhan Chhotu		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-27	Gavali Manish Vishnu		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19
A-28	Giradkar Ankit Vilas		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A-29	Girase Ashwini Ravindrasing		1	2	3	4	5	6	7	8	9	10	11	12	A	14	15	16	17	18	19	
A-30	Girase Divya Chandrasing		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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Attendance Sheet (Theory / Practical/Tutorial)

Roll No.	10.03.	10.03.	12.03	13.03	13.03.	15.03.	24.02.	24.03.	26.03.	27.03.	27.03.	02.04.	03.04.	03.04.	05.04.	07.04.	07.04.	10.04.	12.04.	16.04.	19.04.	20.04.	27.04.	27.04.	01.05.	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
	A	20	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	A	44	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	A	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	
	20	21	22	23	24	25	26	23	28	29	30	31	32	33	A	34	35	36	37	38	39	40	41	42	43	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
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	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	20	21	22	A	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	A	39	40	41	42	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
	21	22	23	24	25	26	23	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

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References

1. Text book of Biochemistry by U Satyanarayan & V Chakrapani published by Elsevier, Books & Allied Pvt. Ltd 4th Edition 2013.
2. Lehninger Principle of Biochemistry by David L Nelson & Michael M Cox published by Macmillan Publication fourth edition 2005.
3. Biochemistry Basic & Applied by Dr. R A Fursule, Dr. J. S. Kulkarni, Dr P H Agarkar published by Nirali Publication 5th Edition Sept 2011.
4. Text book of Biochemistry by Dr. Kuntal Das published by Nirali Publication, Pune First Edition January 2018.

Month Jan. 2024 .01. 2024

Day & Date	Class				References
Monday / /20					
Tuesday 23/01 /2024	F.Y. A	Biochem	Biomolecules	Introduction of Biochem, diff. biomolecules & their diff. classes.	01, 04
Wednesday 24/ 01 /2024	F.Y. A	Biochem	Biomolecules	Introduction, classification nature & biological role of carbohydrate & Lipid	01, 04

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Lecture Details

Day & Date	Class	Subject	Syllabus Planned	Syllabus Covered	References
Thursday 25/01/2024	F.Y. B	Biochem	Biomolecules	Introduction of Biochemistry Diff. biomolecules & their diff. classes	01, 04
Friday / /20.					
Saturday 27/01/2024	F.Y. B	Biochem	Biomolecules	Introduction, classification, nature & biological role of carbohydrate & lipid	01, 04
Remarks	Lectures were conducted as per plan				

27.01.2024
Sign. of Teacher

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27/1/24
Sign. of HOD / Vice Principal

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Practical Plan (Batch wise)

Class: F.Y. B.Pharm. Subject: Biochemistry

Number of practical as per syllabus: 15 Actual Number of practical conducted: 15 Batch: E

Sr. No.	Name of Experiment	Planned Date	Actual Date
1	Introduction of qualitative analysis of unknown sample of carbohydrates & proteins.	22.01.2024	22.01.2024
2	To perform qualitative analysis of given unknown sample of carbohydrate.	22.01.2024	22.01.2024
3	To perform qualitative analysis of given unknown sample of carbohydrate.	29.01.2024	29.01.2024
4	To perform qualitative analysis of given unknown sample of carbohydrate.	29.01.2024	29.01.2024
5	To perform qualitative analysis of given unknown sample of carbohydrate	05.02.2024	05.02.2024
6	To perform qualitative analysis of given unknown sample of carbohydrate.	05.02.2024	05.02.2024
7	To perform qualitative analysis of given unknown sample of carbohydrate.	08.02.2024	08.02.2024
8	To perform qualitative analysis of given unknown sample of protein.	12.02.2024	12.02.2024
9	To perform qualitative analysis of given unknown sample of protein	26.02.2024	26.02.2024
10	To prepare buffer solution & measure its pH.	04.03.2024	04.03.2024
11	To perform qualitative analysis of urine sample for abnormal constituents.	08.03.2024	08.03.2024
12	To study the enzymatic hydrolysis of starch	11.03.2024	11.03.2024
13	To determine salivary amylase activity	01.04.2024	01.04.2024
14	To study the effect of different temperatures on salivary amylase activity	08.04.2024	08.04.2024
15	Isolation of starch from potato.	15.04.2024	15.04.2024

22.01.2024
Sign. of Teacher

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Sign. of HOD / Vice Principal

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LABORATORY JOB CARD

Laboratroy Pceutical chemistry Subject PIC

B. Pharm I/~~II~~/~~III~~/~~IV~~ ~~II~~ 1st year sem Batch A B C D E No. of Students Present A-15, B-17, ~~C-17, D-17~~ E-16

Roll Nos. of absent students A-1, 7, 13, 24, C-44, D-15, E-0

Name of Lab Tech./Lab Assistant Mr. K. B. Mahajan

Name of Teacher engaging practical Mr. M. R. Mahajan, Mr. S. M. Manaayar

Time: From 11 am To 2pm

Sr. No.	Date	Name of Experiment or Exercise	Remarks
2		To perform limit test for chloride of the given test sample A - 04/09/2023 B - 08/09/2023 C - 09/09/2023 D - 05/09/2023 E - 13/09/2023	

Chemicals / drugs / solvents used

Dil Nitric Acid, sodium bicarbonate, Sliver Nitrate, sodium chloride, Distiled water etc.

Equipments / Apparatus used

Nessler's cylinder, Beaker, Measuring cylinder, glass rod etc

Signature of Lab Technician / Lab Assistant

Signature of Teacher In Charge

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Daily Practical

Aim To perform the limit test of Chloride Class FY. B.Pharm

Batch C Date 16-Sep-2023 Time 11.00 : 2.00

Sr. No.	Student Name	Roll No.	Name of Paritculars	Sign Of Issuer	Sign of Lab Assistant	Remarks
1.	Pushkar Jadhav	A-37	Nesler cylinder, measuring cylinder, beaker.			ok
2.	Mahesh Nandre	B-09	— " —			ok
3)	Dhiraj Mali	B-4	— " —			ok
4	Om Koli	A-44	— " —			ok
5.	Anand Mhaisne	B-7	— " —			ok
6	Laxmi Jangid	A-39	— " —			ok
7.	Riddhi Lathi	A-1	— " —			ok
8.	Prathamesh Kolhar	A-42	— " —			ok
9	Ritika Mali	A-51	Volumetric flask 100ml → 4			ok

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LABORATORY JOB CARD

Laboratroy P'ceutical chemistry Subject POC-I

B. Pharm I/II/III/IV I 4 sem Batch A, B, C, D, E No. of Students Present A-18, B-18, C-13, D-17, E-16

Roll Nos. of absent students A-0, B-0, C-38, 39, 42, B2, 5 D-15, E-0

Name of Lab Tech./Lab Assistant Mr. K. B. Mahajan

Name of Teacher engaging practical Mr. N. P. Pawar, Mr. S. M. Manyar

Time: From 11 am To 2pm

Sr. No.	Date	Name of Experiment or Exercise	Remarks
2		To perform systematic qualitative analysis of unknown organic compound	
	A	5/2/2024	
	B	10/02/2024	
	C	9/02/2024	
	D	30/01/2024	
	E	25/01/2024	

Chemicals / drugs / solvents used

Dil HCl, Dil HNO3, NaOH, ferrous sulphate crystal, Ammonia soln, Sod. Metal, Sod. Nitroprusside, Sliver Nitrate, Sod. bicarbonate, copper sulfate etc

Equipments / Apparatus used

Test tube, Porcelin dish, Beaker, funnel, Tripod stand, sodium fusion tube, Melting point assembly, glass rod etc

Signature of Lab Technician / Lab Assistant

Signature of Teacher In Charge

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Issue Register

Aim To perform qualitative analysis of D.C Class F.Y. B.Pharm B.Pharm

Batch D Date 13/02/2024 Time 11:00 am

Sr. No.	Student Name	Roll No.	Name of Paritculars	Sign Of Issuer	Sign of Lab Assistant	Remarks
1	Gargi P. Patil	14	Beaker, testtube, Porcelein dish, funnel.	Gpatil		
2	Vaishnavi Patil	27	—11—	Patil		ok
3	Hemant Patil	16	—11—			ok
4	Srushti Patil	25	—11—			ok
5	Yogesh Patil	28	—11—	Patil		ok
6	Piyush. Pachpute	11	—11—			ok
7	Nisha. Patil	19	—11—	nepatil		ok
8	Tejswini. P. Patil.	26	—11—			ok
9	Sahil N Panjabi	12	—11—			ok
10	Pradnya C. Patil	20	—11—	Patil		ok
11	Punam K. Patil	21	—11—	Patil		ok
12	Divya Patil	13	—11—	Patil		ok
13	Janhavi Patil.	17	—11—			ok
14	Sneha Patil	24	—11—	Sneha		ok
15	Roshan Patil	23	—11—			ok
16	Lalit Patil	18	—11—	Patil		ok

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