

## TEACHING PLAN CUM REALIZATION

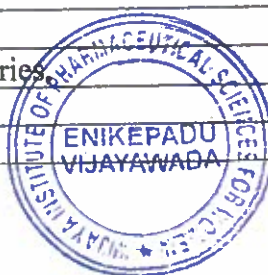
Department: PHARMACY  
Semester/ year: I SEM / I YEAR

Name of the faculty: CH. SWATHI  
Name of the subject: Pharmaceutical Inorganic Chemistry PCI Section-A

Designation: ASST.PROFESSOR

S.No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of Periods (Actual taken)	Remark (If any deviation)
1	Introduction- introduction of inorganic chemistry	04/12/2023	7/8/23	1	1	
2	Impurities in pharmaceutical substances: History of Pharmacopoeia	08/12/2023	8/12/23	1	1	
3	Sources and types of impurities	09/12/2023	9/12/23	1	1	
4	Introduction to limit test	11/12/2023	11/12/23	1	1	
5	Principle involved in the limit test for Chloride	12/12/2023	12/12/23	1	1	
6	Limit test for sulphate	12/12/2023	12/12/23	1	1	
7	Limit test for iron	15/12/2023	15/12/23	1	1	
8	Limit test for arsenic	16/12/2023	16/12/23	1	1	
9	Limit test for lead	18/12/2023	18/12/23	1	1	
10	Limit test for heavy metals	19/12/2023	19/12/23	1	1	
11	Modified limit test for chlorides & sulphate	19/12/2023	19/12/23	1	1	
12	Acids, Bases and Buffers: Buffer equations	22/12/2023	22/12/23	1	1	
13	Buffer capacity in general	23/12/2023	23/12/23	1	1	
14	Buffers in pharmaceutical systems, preparation,	26/12/2023	26/12/23	1	1	
15	Stability, buffered isotonic solutions,	26/12/2023	26/12/23	1	1	
16	Measurements of tonicity	29/12/2023	29/12/23	1	1	
17	Calculations and methods of adjusting isotonicity.	30/12/2023	30/12/23	1	1	
18	Major extra and intracellular electrolytes	30/12/2023	30/12/23	1	1	
19	Electrolytes used in the replacement therapy: Sodium chloride	02/01/2024	2/1/24	1	1	
20	Potassium chloride, Calcium gluconate	02/01/2024	2/1/24	1	1	
21	Oral Rehydration Salt (ORS)	05/01/2024	5/1/24	1	1	
22	Physiological acid base balance.	06/01/2024	6/1/24	1	1	
23	Dental products: Dentifrices	06/01/2024	6/1/24	1	1	
24	Role of fluoride in the treatment of dental caries	08/01/2024	8/1/24	1	1	
25	Desensitizing agents, Calcium carbonate	09/01/2024	9/1/24	1	1	
26	Sodium fluoride, and Zinc eugenol cement.	09/01/2024	9/1/24	1	1	

ch. Swathi  
Prepared: Faculty / Date



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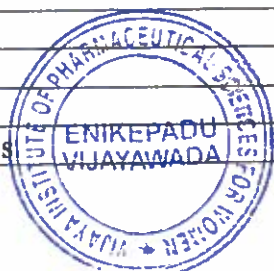
**Department:** PHARMACY  
**Semester/ year:** I SEM / I YEAR

**Name of the faculty:** CH. SWATHI  
**Name of the subject:** Pharmaceutical Inorganic Chemistry PCI Section-A

**Designation:** ASST.PROFESSOR

27	<b>Gastrointestinal agents:</b> Introduction	12/01/2024	12/1/24	1	1	
28	<b>Acidifiers:</b> Ammonium chloride and Dil. HCl	12/01/2024	12/1/24	1	1	
29	<b>Antacid:</b> Ideal properties of antacids	12/01/2024	12/1/24	1	1	
<b>Commencement of I mid exams-----22/01/2024 to 27/01/2024</b>						
30	combinations of antacids	29/01/2024	29/1/24	1	1	
31	Sodium Bicarbonate*, Aluminum hydroxide gel	30/01/2024	30/1/24	1	1	
32	Magnesium hydroxide mixture	30/01/2024	30/1/24	1	1	
33	<b>Cathartics:</b> Magnesium sulphate,	02/02/2024	2/2/24	1	1	
34	Sodium orthophosphate, Kaolin and Bentonite	03/02/2024	3/2/24	1	1	
35	<b>Antimicrobials:</b> Mechanism	05/02/2024	5/2/24	1	1	
36	Classification, Potassium permanganate	06/02/2024	6/2/24	1	1	
37	Boric acid, Hydrogen peroxide	06/02/2024	6/2/24	1	1	
38	Chlorinated lime, Iodine and its preparations	09/02/2024	9/2/24	1	1	
39	<b>Miscellaneous compounds:</b> Introduction	10/02/2024	10/2/24	1	1	
40	<b>Expectorants:</b> Potassium iodide	12/02/2024	12/2/24	1	1	
41	Ammonium chloride	13/02/2024	13/2/24	1	1	
42	<b>Emetics:</b> Copper sulphate	13/02/2024	13/2/24	1	1	
43	Sodium potassium tartrate	16/02/2024	16/2/24	1	1	
44	<b>Hematinic:</b> Ferrous sulphate	17/02/2024	17/2/24	1	1	
45	Ferrous gluconate	19/02/2024	19/2/24	1	1	
46	<b>Poison and Antidote:</b> Sodium thiosulphate	20/02/2024	20/2/24	1	1	
47	Activated charcoal, Sodium nitrite	20/02/2024	20/2/24	1	1	
48	<b>Astringents:</b> Zinc Sulphate, Potash Alum	23/02/2024	23/2/24	1	1	
49	<b>Radiopharmaceuticals:</b> Introduction	24/02/2024	24/2/24	1	1	
50	Radio activity of radio pharmaceuticals	26/02/2024	26/2/24	1	1	
51	Measurement of radioactivity	27/02/2024	27/2/24	1	1	
52	Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	27/02/2024	27/2/24	1	1	
53	Half-life of radio pharmaceuticals	01/03/2024	1/3/24	1	1	
54	radio isotopes and study of radio isotopes	02/03/2024	2/3/24	1	1	
55	Sodium iodide I131,	04/03/2024	4/3/24	1	1	
56	Storage conditions of radiopharmaceuticals	05/03/2024	5/3/24	1	1	

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Name of the subject: Pharmaceutical Inorganic Chemistry PCI Section-A

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57	Precautions of radiopharmaceuticals	05/03/2024	5/3/24	1	1	
58	Pharmaceutical application of radioactive substances.	09/03/2024	9/3/24	1	1	
59	Tutorials	11/03/2024	11/3/24	1	1	
60	Tutorials	12/03/2024	12/3/24	1	1	
61	Tutorials	12/03/2024	12/3/24	1	1	
62	Tutorials	15/03/2024	15/3/24	1	1	
63	Tutorials	16/03/2024	16/3/24	1	1	
<b>Commencement of II mid exams-----18/03/2024 to 23/03/2024</b>						

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## TEACHING PLAN CUM REALIZATION

Department: PHARMACY

Name of the faculty: CH. SWATHI

Designation: ASST.PROFESSOR

Semester/ year: I SEM / I YEAR Name of the subject: Pharmaceutical Inorganic Chemistry PCI Section- B

S.No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of Periods (Actual taken)	Remark (If any deviation)
1	<b>Introduction-</b> introduction of inorganic chemistry	07/12/2023	7/12/23	1	1	
2	<b>Impurities in pharmaceutical substances:</b> History of Pharmacopoeia	08/12/2023	8/12/23	1	1	
3	Sources and types of impurities	09/12/2023	9/12/23	1	1	
4	Introduction to limit test	13/12/2023	13/12/23	1	1	
5	Principle involved in the limit test for Chloride	13/12/2023	13/12/23	1	1	
6	Limit test for sulphate	14/12/2023	14/12/23	1	1	
7	Limit test for iron	14/12/2023	14/12/23	1	1	
8	Limit test for arsenic	15/12/2023	15/12/23	1	1	
9	Limit test for lead	16/12/2023	16/12/23	1	1	
10	Limit test for heavy metals	20/12/2023	20/12/23	1	1	
11	Modified limit test for chlorides & sulphate	20/12/2023	20/12/23	1	1	
12	<b>Acids, Bases and Buffers:</b> Buffer equations	21/12/2023	21/12/23	1	1	
13	Buffer capacity in general	22/12/2023	22/12/23	1	1	
14	Buffers in pharmaceutical systems, preparation,	23/12/2023	23/12/23	1	1	
15	Stability, buffered isotonic solutions,	27/12/2023	27/12/23	1	1	
16	Measurements of tonicity	27/12/2023	27/12/23	1	1	
17	Calculations and methods of adjusting isotonicity.	28/12/2023	28/12/23	1	1	
18	Major extra and intracellular electrolytes: Functions	29/12/2023	29/12/23	1	1	
19	Electrolytes used in the replacement therapy: Sodium chloride	30/12/2023	30/12/23	1	1	
20	Potassium chloride, Calcium gluconate	03/01/2024	3/1/24	1	1	
21	Oral Rehydration Salt (ORS)	03/01/2024	3/1/24	1	1	
22	Physiological acid base balance.	04/01/2024	4/1/24	1	1	
23	<b>Dental products:</b> Dentifrices	04/01/2024	4/1/24	1	1	
24	Role of fluoride in the treatment of dental caries,	05/01/2024	5/1/24	1	1	
25	Role of fluoride in the treatment of dental caries,	06/01/2024	6/1/24	1	1	
26	Desensitizing agents, Calcium carbonate	10/01/2024	10/1/24	1	1	
27	Sodium fluoride, and Zinc eugenol cement.	10/01/2024	10/1/24	1	1	
28	<b>Gastrointestinal agents:</b> Introduction	11/01/2024	11/1/24	1	1	

29	Acidifiers: Ammonium chloride and Dil. HCl	12/01/2024	12/1/24	1	1	
30	Acidifiers: Ammonium chloride and Dil. HCl	12/01/2024	12/1/24	1	1	
<b>Commencement of I mid exams-----22/01/2024 to 27/01/2024</b>						
31	<b>Antacid:</b> Ideal properties of antacids	31/01/2024	31/1/24	1	1	
32	combinations of antacids	01/02/2024	1/2/24	1	1	
33	Sodium Bicarbonate, Aluminum hydroxide gel	02/02/2024	2/2/24	1	1	
34	Magnesium hydroxide mixture	03/02/2024	3/2/24	1	1	
35	<b>Cathartics:</b> Magnesium sulphate,	07/02/2024	7/2/24	1	1	
36	Sodium orthophosphate, Kaolin and Bentonite	07/02/2024	7/2/24	1	1	
37	<b>Antimicrobials:</b> Mechanism	08/02/2024	8/2/24	1	1	
38	Classification, Potassium permanganate	09/02/2024	9/2/24	1	1	
39	Boric acid, Hydrogen peroxide	14/02/2024	14/2/24	1	1	
40	Chlorinated lime, Iodine and its preparations	14/02/2024	14/2/24	1	1	
41	<b>Miscellaneous compounds:</b> Introduction	15/02/2024	15/2/24	1	1	
42	<b>Expectorants:</b> Potassium iodide	16/02/2024	16/2/24	1	1	
43	Ammonium chloride	17/02/2024	17/2/24	1	1	
44	<b>Emetics:</b> Copper sulphate	21/02/2024	21/2/24	1	1	
45	Sodium potassium tartarate	21/02/2024	21/2/24	1	1	
46	<b>Haematinics:</b> Ferrous sulphate	22/02/2024	22/2/24	1	1	
47	Ferrous gluconate	23/02/2024	23/2/24	1	1	
48	<b>Poison and Antidote:</b> Sodium thiosulphate	24/02/2024	24/2/24	1	1	
49	Activated charcoal, Sodium nitrite	28/02/2024	28/2/24	1	1	
50	<b>Astringents:</b> Zinc Sulphate, Potash Alum	29/02/2024	29/2/24	1	1	
51	<b>Radiopharmaceuticals:</b> Introduction	01/03/2024	1/3/24	1	1	
52	Radio activity of radio pharmaceuticals	06/03/2024	6/3/24	1	1	
53	Measurement of radioactivity	06/03/2024	6/3/24	1	1	
54	Properties of $\alpha$ , $\beta$ , $\gamma$ radiations	07/03/2024	7/3/24	1	1	

55	Half-life of radio pharmaceuticals	08/03/2024	8/3/24	1	1	
56	radio isotopes and study of radio isotopes	13/03/2024	13/3/24	1	1	
57	Sodium iodide I131,	13/03/2024	13/3/24	1	1	
58	Storage conditions of radiopharmaceuticals	14/03/2024	14/3/24	1	1	
59	Precautions of radiopharmaceuticals	15/03/2024	15/3/24	1	1	
60	Pharmaceutical application of radioactive substances.	15/03/2024	15/3/24	1	1	
61	Tutorials	16/03/2024	16/3/24	1	1	
62	Tutorials	16/03/2024	16/3/24	1	1	
<b>Commencement of II mid exams-----18/03/2024 to 23/03/2024</b>						

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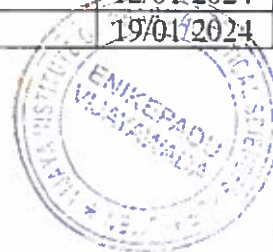
Department: Pharm. D  
Year: I YEAR

Name of the faculty: G. Krupa Mai  
Name of the subject: MEDICINAL BIOCHEMISTRY

Designation: Asst. Prof  
Section. Pharm. D

Sl. NO	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
1.	Unit-I Introduction	05/12/2023	7/12/23	1	1	Cyclone Holiday
2.	History in the development of biochemistry	08/12/2023	8/12/23	1	1	
3.	Biochemistry basics	11/12/2023	9/12/23	1	1	
4.	Cell structure & organization	12/12/2023	11/12/23	1	1	
5.	Cell- 6 organelles	15/12/2023	12/12/23	1	1	
6.	4-organelles	16/12/2023	15/12/23	1	1	
7.	Transport systems	18/12/2023	16/12/23	1	1	
8.	Energy rich compounds-ATP, cAMP	19/12/2023	18/12/23	1	1	
9.	Tutorial	22/12/2023	19/12/23	1	1	
10.	Unit-II Introduction, Definition, Nomenclature, Classification: Enzymes	23/12/2023	22/12/23	1	1	
11.	Tutorial	26/12/2023	26/12/23	1	1	
12.	Factors affecting enzyme activity	29/12/2023	29/12/23	1	1	Extra class
13.	Tutorial	30/12/2024	29/12/23	1	1	
14.	Enzyme Action	02/01/2024	6/1/24	1	1	
15.	Enzyme inhibition	05/01/2024	8/1/24	1	1	
16.	Isoenzymes , Coenzymes	06/01/2024	9/1/24	1	1	
17.	Tutorial	08/01/2024	17/1/24	1	1	17/1-20/1
18.	Unit-III Introduction to carbohydrates and metabolism	09/01/2024	18/1/24	1	1	online classes
19.	Metabolic pathways of carbohydrate metabolism	12/01/2024	19/1/24	1	1	
20.	Glycolysis	19/01/2024	20/1/24	1	1	

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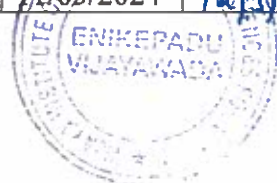
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21.	Citric acid cycle	20/01/2024	22/1/24	1	1	
22.	Tutorial	22/01/2024	23/1/24	1	1	
23.	HMP shunt	23/01/2024	27/1/24	1	1	
24.	Glycogenesis	27/01/2024	29/1/24	1	1	
25.	Glycogenolysis	29/01/2024	30/1/24	1	1	
26.	Tutorial	30/01/2024	2/2/24	1	1	
27.	Gluconeogenesis	02/02/2024	5/2/24	1	1	
28.	Metabolic disorders - Diabetes mellitus,	03/02/2024	6/2/24	1	1	stakeholders leave
29.	Glycogen storage diseases	05/02/2024	9/2/24	1	1	
30.	Glucose tolerance test	06/02/2024	10/2/24	1	1	
31.	Tutorial	09/02/2024	19/2/24	1	1	
<b>Commencement of I MID Exams: 12/02/2024 - 17/02/2024</b>						
32.	Galactose tolerance test	19/02/2024	20/2/24	1	1	
33.	Hormonal regulation	20/02/2024	23/2/24	1	1	
34.	Unit- IV Introduction to Lipid metabolism	23/02/2024	26/2/24	1	1	
35.	$\beta$ -oxidation	24/02/2024	26/2/24	1	1	APTI-staff
36.	Ketolysis	26/02/2024	27/2/24	1	1	
37.	Biosynthesis of fatty acids	27/02/2024	1/3/24	1	1	
38.	Metabolism of cholesterol	01/03/2024	4/3/24	1	1	
39.	Other metabolic reactions of lipids	02/03/2024	4/3/24	1	1	APTI-staff
40.	Hormonal regulation	04/03/2024	5/3/24	1	1	
41.	Tutorial	05/03/2024	11/3/24	1	1	
42.	Defective metabolism of lipids	11/03/2024	12/3/24	1	1	

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Sl. NO	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
43.	Unit- V Introduction to Biological oxidation	12/03/2024	15/3/24	1	1	
44.	Coenzyme system involved in biological oxidation	15/03/2024	16/3/24	1	1	
45.	Electron transport chain	16/03/2024	18/3/24	1	1	
46.	Uncouplers of ETC	18/03/2024	19/3/24	1	1	
47.	Tutorial	19/03/2024	22/3/24	1	1	
48.	Oxidative phosphorylation	22/03/2024	23/3/24	1	1	
49.	Unit- VI Introduction to Protein & Amino acid metabolism	23/03/2024	30/3/24	1	1	
50.	Tutorial	26/03/2024	2/4/24	1	1	CL
51.	Protein turnover, Nitrogen balance	30/03/2024	6/4/24	1	1	
52.	Catabolism of amino acids - Transamination,	01/04/2024	10/4/24	1	1	Farewell
53.	De amination & Decarboxylation	02/04/2024	12/4/24	1	1	
54.	Urea cycle and its metabolic disorders	05/04/2024	16/4/24	1	1	BTR Jayanthi
55.	Metabolism of proteins	06/04/2024	19/4/24	1	1	
56.	Tutorial	08/04/2024	20/4/24	1	1	CL
57.	Hyperbilirubinemia, ,	12/04/2024	23/4/24	1	1	
58.	Porphoria	15/04/2024	25/4/24	1	1	Extra class
59.	Jaundice	16/04/2024	26/4/24	1	1	
60.	Metabolic disorders of amino acids	19/04/2024	27/4/24	1	1	
61.	Unit- VIII Role of Clinical Chemistry and Laboratory	20/04/2024	29/4/24	1	1	
62.	Cell- Composition, malfunction	22/04/2024	30/4/24	1	1	

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Sl. NO	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
63.	Tutorial	23/04/2024	14/5/24	1	1	
64.	Unit- IX Kidney function tests- Role of Kidney	26/04/2024	15/5/24	1	1	
65.	Urine analysis: Macroscopic and Physical examination	27/04/2024	16/5/24	1	1	
66.	Urine analysis: Quantitative and Semiquantitative tests	29/04/2024	17/5/24	1	1	
67.	Tutorial	30/04/2024	18/5/24	1	1	
68.	Determination of blood and urine creatinine, urea	03/05/2024	20/5/24	1	1	OD
69.	Urinary concentration test, urinary tract calculi	04/05/2024	21/5/24	1	1	
<b>Commencement of II MID Exams: 06/05/2024 - 11/05/2024</b>						
70.	Unit- VII Introduction: Nucleic acid metabolism	13/05/2024	22/5/24	1	1	Election Holiday
71.	Protein synthesis	14/05/2024	23/5/24	1	1	14 <sup>th</sup> May -
72.	Tutorial	17/05/2024	24/5/24	1	1	26 <sup>th</sup> May online
73.	Inhibition of protein synthesis	18/05/2024	25/5/24	1	1	classes with
74.	Genetic code, Mutation	20/05/2024	28/5/24	1	1	Summer vacation
75.	Metabolism of nucleic acids	21/05/2024	31/5/24	1	1	
76.	Metabolism of Purine Nucleotides	24/05/2024	1/6/24	1	1	
77.	Tutorial	25/05/2024	2/6/24	1	1	
78.	Metabolism of Pyrimidine Nucleotides	27/05/2024	7/6/24	1	1	
79.	DNA replication,	28/05/2024	14/6/24	1	1	
80.	DNA Repair mechanism	31/05/2024	18/6/24	1	1	
81.	Transcription	01/06/2024	21/6/24	1	1/2	
82.	Translation	03/06/2024	21/6/24	1	1/2	

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ENIKEPADU, VIJAYAWADA-521 108

## TEACHING PLAN CUM REALIZATION

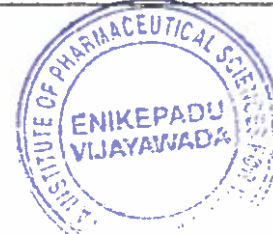
Department: Pharm. D  
Year: I YEAR

Name of the faculty: G. Krupa Mai  
Name of the subject: MEDICINAL BIOCHEMISTRY

Designation: Asst. Prof  
Section: Pharm. D

Sl. NO	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
83.	Unit- X Liver function tests – Introduction, Liver functions	04/06/2024	22/6/24	1	1/2	Election counting Holiday
84.	Tests for hepatic dysfunction, Dye tests of excretory function	07/06/2024	22/6/24	1	1/2	
85.	Tutorial	10/06/2024	24/6/24	1	1/2	CL
86.	Tests based upon abnormalities of serum proteins	11/06/2024	24/6/24	1	1/2	CL
87.	Serum enzyme tests: SGOT, SGPT	14/06/2024	25/6/24	1	1/2	
88.	Tutorial	15/06/2024	25/6/24	1	1/2	CL
89.	Unit- XI Introduction, lipoproteins composition & function	18/06/2024	1/7/24	1	1/2	
90.	Determination serum lipids and Cholesterol	21/06/2024	1/7/24	1	1/2	
91.	Tutorial	22/06/2024	—	1	—	
92.	Unit- XII Introduction to immunochemical techniques	24/06/2024	2/7/24	1	1/2	
93.	RIA & ELISA	25/06/2024	2/7/24	1	1/2	
94.	Tutorial	28/06/2024	—	1	—	} spot valuation
95.	Unit- XIII Introduction, Body water, Compartments	29/06/2024	6/7/24	1	1	
96.	Determination of sodium, Calcium, Potassium	01/07/2024	8/7/24	1	1	
97.	Determination of Potassium, Chlorides, bicarbonates	02/07/2024	9/7/24	1	1	
98.	Tutorial	05/07/2024	10/7/24	1	1	CL
99.	Revision	06/07/2024	—	1	—	
100.	Revision	08/07/2024	—	1	—	
101.	Revision	09/07/2024	—	1	—	
102.	Revision	12/07/2024	—	1	—	
<b>Commencement of III MID Exam: 15/07/24 - 20/07/2024</b>						

G. Krupa Mai  
Prepared: Faculty / Date



VIJAYA PRINCIPALS  
HOD / Date  
PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-521 108.

Department: Pharmacy  
Semester/ year: I-I M. Pharmacy

**TEACHING PLAN CUM REALIZATION**  
Name of the faculty: P.M.M. Naga Lakshmi Varma  
Name of the subject: Modern Pharmaceutics

Designation: Assoc.prof

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
1	<b>Unit-I: Preformation Concepts</b>	04-10-2023				
2	Drug Excipient interactions - different methods	05-10-2023	4/10/23	1	1	
3	kinetics of stability, Stability testing	06-10-2023	5/10/23	1	1	
4	Theories of dispersion	07-10-2023	6/10/23	1	1	
5	Pharmaceutical Dispersion -Emulsions	09-10-2023	7/10/23	1	1	
6	Pharmaceutical Dispersion- Suspensions	10-10-2023	9/10/23	1	1	
7	SMEDDS- preparation and stability	11-10-2023	10/10/23	1	1	
8	Large and small volume parenterals	12-10-2023	11/10/23	1	1	
9	physiological and formulation consideration	13-10-2023	12/10/23	1	1	
10	Manufacturing and evaluation of Parenterals	14-10-2023	13/10/23	1	1	
11	Optimization techniques in Pharmaceutical Formulation	16-10-2023	16/10/23	1	1	
12	Statistical design	17-10-2023	17/10/23	1	1	Holiday
13	Response surface method	18-10-2023	18/10/23	1	1	
14	Contour designs,	30-10-2023	19/10/23	1	1	
15	Factorial designs and application in formulation	01-11-2023	20/10/23	1	1	
16	<b>Unit-II: Validation : Introduction</b>	02-11-2023	26/10/23	1	1	
17	Scope & merits of Validation	03-11-2023	27/10/23	1	1	
18	Validation and calibration of Master plan	04-11-2023	30/10/23	1	1	
19	ICH & WHO guidelines for calibration and validation of equipments	06-11-2023	31/10/23	1	1	OD
20	Validation of specific dosage form	07-11-2023	2/11/23	1	1	
21	Types of validation	08-11-2023	6/11/23	1	1	
22	Government regulation	09-11-2023	7/11/23	1	1	BUNDH
23	Manufacturing Process Model	14-11-2023	9/11/23	1	1	
24	URS, DQ, IQ, OQ & P.Q. of facilities	15-11-2023	14/11/23	1	1	
			15/11/23	1	1	

Prepared: Faculty / Date

Verified: HOD / Date

VIPW/7.5/1/RC04

Department: Pharmacy  
Semester/ year: I-I M.PHARMACY

## TEACHING PLAN CUM REALIZATION

Name of the faculty: P.M.M. Naga Lakshmi Varma  
Name of the subject: Modern Pharmaceutics

Designation: Assoc.prof

Sl. No	Unit /Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
25	Unit-III: cGMP & Industrial Management	16-11-2023	17/11/23	1	1	Leave
26	Objectives and policies of current good manufacturing practices	20-11-2023	18/11/23	1	1	
27	Layout of buildings, services, equipments and their maintenance	21-11-2023	20/11/23	1	1	
28	Production Management: Production Organization	22-11-2023	21/11/23	1	1	
29	Materials Management	23-11-2023	22/11/23	1	1	
30	Handling and Transportation	04-12-2023	23/11/23	1	1	
31	Inventory Management and Control	05-12-2023	24/11/23	1	1	
32	Production and planning control	06-12-2023	25/11/23	1	1	
33	Sales forecasting	07-12-2023	7/12/23	1	1	
34	Budget Control	08-12-2023	8/12/23	1	1	
35	Cost control	11-12-2023	9/12/23, 11/12/23	1	2	
36	Industrial and personal relationship	12-12-2023	12/12/23	1	1	
37	Concept of Total Quality Management.	13-12-2023	13/12/23	1	1	
38	Unit-IV: Compression and compaction	14-12-2023	14/12/23	1	1	
39	Physics of tablet compression	18-12-2023	15/12/23	1	1	
40	Consolidation	19-12-2023	16/12/23	1	1	
41	Compaction	20-12-2023	18/12/23	1	1	
42	Effect of friction	21-12-2023	19/12/23	1	1	
43	Distribution of forces	26-12-2023	20/12/23	1	1	
44	Compaction profiles	27-12-2023	21/12/23	1	1	
45	Compaction profiles	28-12-2023	22/12/23	1	1	
46	Solubility	02-01-2024	23/12/23	1	1	
47	Unit-V: Study of consolidation parameters	03-01-2024	27/12/23	1	1	

Prepared: Faculty / Date



Principal  
Date

VIPW/7.5/1/RC04

Department: Pharmacy  
Semester/ year: I-I M.PHARMACY

TEACHING PLAN CUM REALIZATION  
Name of the faculty: P.M.M. Naga Lakshmi Varma  
Name of the subject: Modern Pharmaceutics

Designation: Assoc.prof

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
48	Diffusion parameters	04-01-2024	28/12/23	1	1	
49	Diffusion parameters	08-01-2024	29/12/23	1	1	
50	Dissolution parameters	09-01-2024	30/12/23	1	1	
51	Pharmacokinetic parameters	10-01-2024	2/1/24	1	1	
52	Heckel plots	11-01-2024	3/1/24	1	1	
53	Similarity factors – f2 and f1	12-01-2024	4/1/24	1	1	
54	Higuchi and Peppas plot	13-01-2024	5/1/24	1	1	
55	Linearity	15-01-2024	6/1/24	1	1	
56	Concept of significance	16-01-2024	8/1/24	1	1	
57	Standard deviation	17-01-2024	9/1/24	1	1	
58	Chi square test	18-01-2024	10/1/24	1	1	
59	students T-test	19-01-2024	11/1/24	1	1	
60	ANOVA test	20-01-2024	12/1/24	1	1	

Prepared: Faculty/ Date



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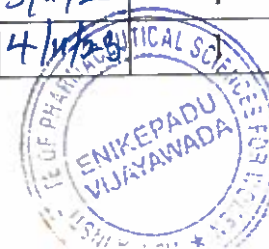
## TEACHING PLAN CUM REALIZATION

Department: M. Pharmacy  
Semester/ year: I Sem / II

Name of the faculty: S.Archana  
Name of the subject: FOOD ANALYSIS

Designation: Assoc. prof  
Dept: Pharmaceutical analysis

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
1	<b>CARBOHYDRATES</b> -introduction	04-10-2023	4/10/23	1	1	
2	Classification, qualitative methods	05-10-2023	5/10/23	1	1	
3	Properties, general methods	06-10-2023	6/10/23	1	1	
4	Changes in food –processing, digestion	07-10-2023	7/10/23	1	1	
5	Absorbtion , metabolism and applications	09-10-2023	9/10/23	1	1	
6	Crude fibre and dietary fibre	10-10-2023	10/10/23	1	1	
7	<b>PROTEINS</b> - introduction	11-10-2023	11/10/23	1	1	
8	Chemistry & classification	12-10-2023	12/10/23	1	1	
9	Physio chemical properties- structure	13-10-2023	13/10/23	1	1	
10	General methods of analysis	14-10-2023	14/10/23	1	1	
11	Digestion, absorption and metabolism of proteins	16-10-2023	16/10/23	1	1	
12	<b>LIPIDS</b> -general methods	17-10-2023	17/10/23	1	1	
13	Refining of fats and oils	18-10-2023	18/10/23	1	1	
14	Hydrogenation of vegetable oils	30-10-2023	30/10/23	1	1	
15	Determination of adulteration in fats and oils	01-11-2023	1/11/23	1	1	
16	Spoilage of fats and fatty foods determination	02-11-2023	2/11/23	1	1	
17	<b>VITAMINS</b> -Classification	03-11-2023	3/11/23	1	1	
18	Methods of analysis of vitamins	04-11-2023	4/11/23	1	1	



VIPW/7.5/1/RC04

## TEACHING PLAN CUM REALIZATION

Department: M. Pharmacy  
Semester/ year: I Sem / II

Name of the faculty: S.Archana  
Name of the subject: FOOD ANALYSIS

Designation: Assoc. prof  
Dept: Pharmaceutical analysis

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
19	Principles of microbial assay of vitamins b series	06-11-2023	6/11/23	1	1	
20	<b>FOOD ADDITIVES-</b> Introduction	07-11-2023	7/11/23	1	1	
21	Analysis of preservatives, antioxidants	08-11-2023	8/11/23	1	1	
22	Analysis of artificial sweeteners, flavors	09-11-2023	9/11/23	1	1	
23	Analysis of flavor enhancers, stabilizers	14-11-2023	14/11/23	1	1	
24	Analysis of thickening and jelling agents	15-11-2023	15/11/23	1	1	
25	<b>PIGMENTS AND SYNTHETIC DYES</b>	16-11-2023	16/11/23	1	1	
26	Natural pigments, occurrence, properties	20-11-2023	20/11/23	1	1	
27	Permitted synthetic dyes	21-11-2023	21/11/23	1	1	
28	Non-permitted synthetic dyes	22-11-2023	22/11/23	1	1	
29	Method of detection of natural dyes	23-11-2023	23/11/23	1	1	
30	Method of detection of permitted dyes	04-12-2023	4/12/23	1	1	

I MID EXAMINATIONS (27/11/2023 to 02/12/2023)

Prepared: Faculty / Date

*S. Archana*



Verified: HOD / Date

*[Signature]*

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## TEACHING PLAN CUM REALIZATION

Department: M. Pharmacy  
Semester/ year: I Sem / II

Name of the faculty: S.Archana  
Name of the subject: FOOD ANALYSIS

Designation: Assoc. prof  
Dept: Pharmaceutical analysis

Sl. No	Unit/topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
31	MILK AND MILK PRODUCTS	05-12-2023	5/12/23	1	1	
32	General analytical methods of milk	06-12-2023	6/12/23	1	1	
33	General analytical methods of milk constituents	07-12-2023	7/12/23	1	1	
34	General analytical methods of milk products	08-12-2023	8/12/23	1	1	
35	Analytical methods of ice- cream	11-12-2023	11/12/23	1	1	
36	Analytical methods of milk powder	12-12-2023	12/12/23	1	1	
37	Analytical methods of cheese	13-12-2023	13/12/23	1	1	
38	Analytical methods of margarine	14-12-2023	14/12/23	1	1	
39	Analytical methods of butter	18-12-2023	18/12/23	1	1	
40	Adulterants methods of milk	19-12-2023	19/12/23	1	1	
41	Contaminants of milk	20-12-2023	20/12/23	1	1	
42	Analysis of fermentation products	21-12-2023	21/12/23	1	1	
43	Analysis of wine, spirits	26-12-2023	26/12/23	1	1	
44	Analysis of beer	27-12-2023	27/12/23	1	1	
45	Analysis of vinegar	28-12-2023	28/12/23	1	1	

*S.Archana*  
Prepared: Faculty / Date



*S.Archana*  
Verified: HOD / Date

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ENIKEPADU, VIJAYAWADA-521 108.

## TEACHING PLAN CUM REALIZATION

Department: M. Pharmacy  
Semester/ year: I Sem / II

Name of the faculty: S.Archana  
Name of the subject: FOOD ANALYSIS

Designation: Assoc. prof  
Dept: Pharmaceutical analysis

Sl. No	Unit/topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
46	PESTICIDE ANALYSIS	02-01-2024	2/1/24	1	1	
47	Effects of pest and insects on food	03-01-2024	3/1/24	1	1	
48	Use of pesticides in agriculture	04-01-2024	4/1/24	1	1	
49	Pesticide cycle	08-01-2024	8/1/24	1	1	
50	Organophosphorous	09-01-2024	9/1/24	1	1	
51	Organochlorine pesticide analysis	10-01-2024	10/1/24	1	1	
52	Deter. Pesticide residues in grains	11-01-2024	11/1/24	1	1	
53	Deter. Pesticide residues in fruits	12-01-2024	12/1/24	1	1	
54	Deter. Pesticide residues in vegetables	13-01-2024	13/1/24	1	1	
55	Deter. Pesticide residues in milk	15-01-2024	15/1/24	1	1	
56	Deter. Pesticide residues in milk products	16-01-2024	16/1/24	1	1	
57	Legislation regulations emphasis on BIS	17-01-2024	17/1/24	1	1	
58	Legislation regulations emphasis on FDA	18-01-2024	18/1/24	1	1	
59	Legislation regulations emphasis on USFDA	19-01-2024	19/1/24	1	1	
60	Legislation regulations emphasis on Agmark	20-01-2024	20/1/24	1	1	

## II MID EXAMINATIONS (22/01/2024 to 27/01/2024)

*Archana*

Prepared: Faculty / Date



*Archana*

Verified: HOD / Date

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KALABURGI, KARNATAKA-571 108



# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

Permitted by Govt. of A.P., Approved by AICTE, New Delhi  
Pharmacy Council of India, New Delhi, Affiliated to JNTUK  
& Certified by ISO 9001:2015



## LESSON PLAN

Academic Year:2023-24

Class: I M. PHARM – II SEM

Course Instructor: Mrs. A. BHAVANA

Course Name: CLINICAL RESEARCH  
AND PHARMACOVIGILANCE

Course Code: MPL

**COURSE OBJECTIVE:** To understand the value addition and current requirement for the students in clinical research and pharmacovigilance. It will teach students on conceptualizing, designing, conducting, managing and reporting of clinical trials. This subject also focuses on global scenario of Pharmacovigilance, different methods that can be used to generate safety data. It will teach the students in developing drug safety data in Preclinical, Clinical phases of development and post market surveillance.

**COURSE OUTCOMES:** After the completion of course the student will gain an understanding of

**CO 1:** Able to understand the concept of GCP, schedule-Y, ICMR guideline and informed consent process.

**CO 2:** To gain the knowledge on types and design of clinical trials.

**CO 3:** Regulatory documents required for clinical trials and ADRs.

**CO 4:** Basic concept and establishment of pharmacovigilance.

**CO 5:** Methods and tools used in pharmacovigilance and concept of pharmacoepidemiology and pharmacoconomics.

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## TEACHING PLAN CUM REALIZATION

VIPW/7.5/1/RC04

Department: Pharmacy

Name of the Faculty: Mrs. A. Bhavana

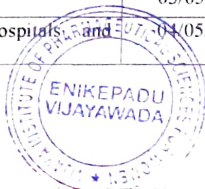
Designation: Assoc. Professor

Semester/ year: I-II M. Pharmacy

Name of the subject: Clinical Research and Pharmacovigilance

S. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	CO'S	Remark (If any deviator)
23	Guidelines to prepare documents and Preparation of protocol	30/03/24	1/4/24	1	1	3	
24	Investigator brochure and Case report forms	01/04/24	3/4/24	1	1	3	
25	Clinical Study Report	03/04/24	4/4/24	1	1	3	
26	Clinical Trail Monitoring: Safety monitoring in Clinical trails	04/04/24	6/4/24	1	1	3	
27	Adverse drug reactions: Definition and Types	06/04/24	8/4/24	1	1	3	
28	Detection and reporting methods	08/04/24	10/4/24	1	1	3	
29	Severity and Seriousness assessment	10/04/24	12/4/24	1	1	3	
30	Predictability, Preventability assessment	12/04/24	13/4/24	1	1	3	
<b>COMMENCEMENT OF I MID EXAMINATIONS (15.04.2024 to 20.04.2024)</b>							
31	Management of adverse drug reactions	22/04/24	22/4/24	1	1	3	
32	Terminologies of ADR	24/04/24	24/4/24	1	1	3	
33	<b>UNIT: IV</b> Basic aspects and Terminologies of PV	26/04/24	26/4/24	1	1	4	
34	History and Progress of PV	27/04/24	27/4/24	1	1	4	
35	Significance of Safety monitoring	29/04/24	29/4/24	1	1	4	
36	Pharmacovigilance in India and International aspects	30/04/24	30/4/24	1	1	4	
37	WHO International Drug Monitoring Programme	01/05/24	1/5/24	1	1	4	
38	WHO, regulatory terminologies of ADR	02/05/24	2/5/24	1	1	4	
39	Evaluation of medication safety	03/05/24	3/5/24	1	1	4	
40	Establishing Pharmacovigilance Centres in hospitals and Industries	04/05/24	4/5/24	1	1	4	

Prepared By: Faculty / Date



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**VIJAYA INSTITUTE OF**  
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 ENIKEPADU, VIJAYAWADA - 521 105

Department: Pharmacy

Name of the Faculty: Mrs. A. Bhavana

Designation: Assoc. Professor

Semester/ year: I-II M. Pharmacy

Name of the subject: Clinical Research and Pharmacovigilance

S. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	CO'S	Remark (If any deviation)
1.	UNIT: I Regulatory perspectives of Clinical Trails	19/02/24	21/2/24	1	1	1	
2.	Origin of ICH-GCP Guidelines	21/02/24	23/2/24	1	1	1	
3.	Principles of ICH-GCP guidelines	23/02/24	24/2/24	1	1	1	
4.	Ethical committee: Institutional Review board	24/02/24	26/2/24	1	1	1	
5.	Guidelines for biomedical research and human participants	26/02/24	28/2/24	1	1	1	
6.	Schedule Y and ICMR	28/02/24	1/3/24	1	1	1	
7.	Informed Consent Process and its structure	01/03/24	2/3/24	1	1	1	
8.	Content of an informed consent process	02/03/24	4/3/24	1	1	1	
9.	Ethical principles governing informed consent process	04/03/24	6/3/24	1	1	1	
10.	UNIT: II Clinical Trails	06/03/24	11/3/24	1	1	2	
11.	Types and Design Experimental Study	11/03/24	12/3/24	1	1	2	
12.	RCT and Non RCT	12/03/24	13/3/24	1	1	2	
13.	Observational study: Cohort studies	13/03/24	15/3/24	1	1	2	
14.	Case control studies	15/03/24	16/3/24	1	1	2	
15.	Cross sectional Study	16/03/24	18/3/24	1	1	2	
16.	Clinical Trail Study Team	18/03/24	20/3/24	1	1	2	
17.	Roles of Clinical Trail Personnel	20/03/24	22/3/24	1	1	2	
18.	Investigator and Study Coordinator	22/03/24	23/3/24	1	1	2	
19.	Sponsor	23/03/24	26/3/24	1	1	2	
20.	Contract Research Organization	26/03/24	27/3/24	1	1	2	
21.	CRO and its management	27/03/24	28/3/24	1	1	2	
22.	UNIT: III Clinical Trail Documentation	28/03/24	30/3/24	1	1	3	

Prepared By: Faculty / Date



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Department: Pharmacy

Name of the Faculty: Mrs. A. Bhavana

Designation: Assoc. Professor

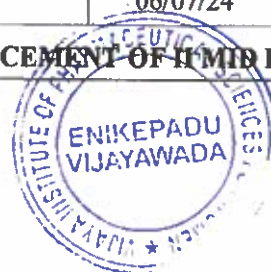
Semester/ year: I-II M. Pharmacy

Name of the subject: Clinical Research and Pharmacovigilance

S. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	CO'S	Remark (If any deviation)
41.	National Programmes related to PV	03/06/24	5/6/24	1	1	4	
42.	Roles and Responsibilities in PV	05/06/24	6/6/24	1	1	4	
43.	UNIT: V Methods, ADR reporting and tools used in PV	06/06/24	7/6/24	1	1	5	
44.	International classification of diseases	07/06/24	10/6/24	1	1	5	
45.	International Non-proprietary names for drugs	10/06/24	12/6/24	1	1	5	
46.	Passive Surveillance Active Surveillance	12/06/24	14/6/24	1	1	5	
47.	Comparative Observational Studies	14/06/24	15/6/24	1	1	5	
48.	Targeted clinical investigations and Vaccine safety surveillance	15/06/24	19/6/24	1	1	5	
49.	Spontaneous reporting system	19/06/24	21/6/24	1	1	5	
50.	Reporting to regulatory authorities	21/06/24	22/6/24	1	1	5	
51.	Argus Pharmacovigilance	22/06/24	24/6/24	1	2	5	
52.	ARISg Pharmacovigilance	24/06/24	26/6/24	1	1	5	
53.	Vigiflow	26/06/24	28/6/24	1	1	5	
54.	Statistical methods for evaluating medication safety data	28/06/24	29/6/24	1	1	5	
55.	UNIT: VI Pharmacoepidemiology	29/06/24	1/7/24	1	1	5	
56.	Pharmacoepidemiology	01/07/24	3/7/24	1	1	5	
57.	Pharmacoeconomics	03/07/24	4/7/24	1	1	5	
58.	Pharmacoeconomics	04/07/24	5/7/24	1	1	5	
59.	Safety Pharmacology	05/07/24	5/7/24 & 6/7/24	1	2	5	
60.	Safety Pharmacology	06/07/24	6/7/24	1	1	5	

COMMENCEMENT OF II MID EXAM (08.07.2024 to 13.07.2024)

Prepared By: Faculty / Date



Verified By: Date  
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 ENIKEPADU VIJAYAWADA

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## TEACHING PLAN CUM REALIZATION

Department: Pharmacy

Name of the faculty: P.M.M. Naga Lakshmi Varma

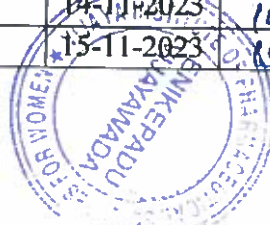
Designation: Assoc.prof

Semester/ year: I-I M.Pharmacy

Name of the subject: Good Regulatory Practices

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
1	Unit I: Current Good manufacturing practices Introduction	04-10-2023	4/10/23	1	1	
2	US cGMP Part 210	05-10-2023	5/10/23	1	1	
3	US cGMP Part 210.1	06-10-2023	6/10/23	1	1	
4	US cGMP Part 210.2	07-10-2023	7/10/23	1	1	
5	US cGMP Part 210.3	09-10-2023	9/10/23	1	1	
6	US cGMP Part 211 subpart A to C	10-10-2023	10/10/23	1	1	
7	US cGMP Part 211 subpart D to F	11-10-2023	11/10/23	1	1	
8	US cGMP Part 211 subpart G to K	12-10-2023	12/10/23	1	1	
9	EC principles Article 6 to 10	13-10-2023	13/10/23	1	1	
10	EC principles Article 6 to 14	14-10-2023	14/10/23	1	1	
11	Medical device and IVDF's Introduction	16-10-2023	16/10/23	1	1	holiday
12	GHTF Guidance documents	17-10-2023	17/10/23	1	1	
13	Unit II: Good Laboratory practices Introduction	18-10-2023	18/10/23	1	1	
14	USFDA GLP Regulations A ,B, C	30-10-2023	19/10/23	1	1	
15	USFDA GLP Regulations D ,E, F	01-11-2023	20/10/23	1	1	
16	USFDA GLP Regulations G ,J, K	02-11-2023	26/10/23	1	1	
17	Controlling the GLP Regulation process	03-11-2023	27/10/23	1	1	
18	Documentation	04-11-2023	30/10/23	1	1	
19	Audit	06-11-2023	31/10/23	1	1	
20	Goals of Laboratory quality audit	07-11-2023	2/11/23	1	1	
21	Audit Tools	08-11-2023	6/11/23	1	1	
22	Future of GLP Regulations' relevant to ISO and QCI	09-11-2023	7/11/23	1	1	BNDH
23	Unit III: GOOD Automated Laboratory Practices introduction	14-11-2023	9/11/23	1	1	
24	Importance of GALP	15-11-2023	14/11/23	1	1	

Prepared: Faculty / Date



Principal  
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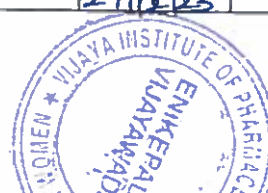
Department: Pharmacy  
Semester/ year: I-I M.PHARMACY

TEACHING PLAN CUM REALIZATION  
Name of the faculty: P.M.M. Naga Lakshmi Varma  
Name of the subject: Good Regulatory Practices

Designation: Assoc.prof

Sl. No	Unit /Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
25	Principles of GALP	16-11-2023	17/11/23	1	1	
26	GALP Requirements	20-11-2023	18/11/23	1	1	Leave
27	GALP Requirements	21-11-2023	20/11/23	1	1	
28	SOP's of GALP	22-11-2023	21/11/23	1	1	
29	SOP's of GALP	23-11-2023	22/11/23	1	1	
30	Training	04-12-2023	23/11/23	1	1	
31	Documentation	05-12-2023	24/11/23	1	1	
32	Electronic signature	06-12-2023	25/11/23	1	1	
33	Electronic record	07-12-2023	7/12/23	1	1	
34	Procedure to maintains the Electronic record	08-12-2023	8/12/23	1	1	
35	Introduction about 21 CFR Part 11	11-12-2023	9/12/23, 11/12/23	1	2	
36	General checklist as per 21 CFR Part 11	12-12-2023	12/12/23	1	1	
37	Software evaluation checklist	13-12-2023	13/12/23	1	1	
38	ISO and QCI standards	14-12-2023	13/12/23	1	1	
39	Unit IV: GOOD Distribution Practices Introduction	18-12-2023	14/12/23	1	1	
40	Legal GDP requirements	19-12-2023	15/12/23	1	1	
41	Principles of GDP	20-12-2023	18/12/23	1	1	
42	Personnel	21-12-2023	19/12/23	1	1	
43	Documentation	26-12-2023	20/12/23	1	1	
44	Premises	27-12-2023	21/12/23	1	1	
45	Equipment	28-12-2023	22/12/23	1	1	
46	Deliveries to customers	02-01-2024	23/12/23	1	1	
47	Returns	03-01-2024	27/12/23	1	1	

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Department: Pharmacy  
Semester/ year: I-I M.PHARMACY

TEACHING PLAN CUM REALIZATION  
Name of the faculty: P.M.M. Naga Lakshmi Varma  
Name of the subject: Good Regulatory Practices

Designation: Assoc.prof

Sl. No	Unit / Topic	Teaching planned on (Date)	Taught on (Date)	No of periods (Planned)	No of periods (Actual taken)	Remark (If any deviation)
48	Self Inspection	04-01-2024	28/12/23	1	1	
49	Provision of Information	08-01-2024	29/12/23	1	1	
50	Stability testing principles	09-01-2024	30/12/23	1	1	
51	WHO GDP	10-01-2024	2/1/24	1	1	
52	USP GDP(Supply chain integrity)	11-01-2024	3/1/24	1	1	
53	Relevant CDSCO guidance and ISO standards	12-01-2024	4/1/24	1	1	
54	Unit V:Quality Management System Introduction	13-01-2024	5/1/24	1	1	
55	Concepts of Quality ,Quality By design	15-01-2024	6/1/24	1	1	
56	Six sigma concept, Out of Specification (OOS),change Control	16-01-2024	8/1/24	1	1	
57	Validation	17-01-2024	9/1/24	1	1	
58	Analytical method validation	18-01-2024	10/1/24	1	1	
59	Validation of Utilities and Cleaning Validation	19-01-2024	11/1/24	1	1	
60	ICH Guidelines Q,S,E,M of Drug products and drug substances ,ISO and CDSCO regulatory Guidance documents.	20-01-2024	12/1/24	1	1	

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