



# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc.,

Class : PC

Academic Year : 2019 - 2020 Semester : II

Title of the Paper : Physical Chemistry - II

Subject Code : 18PCCH23

Theory / ~~Practical~~

Name of the Teacher : D. M. A. SABIHA

Sl.No.	Date & Order	Unit	Topics planned	Covered on
		I	Phase rule & colloids	
1.	9.12.19	A	Three component Systems - graphical representation of ternary system.	9.12.19
2.	10.12.19	B	one pair, two pairs + three pairs of partially miscible liquids.	10.12.19
3.	12.12.19	D	contd.	12.12.19
4.	13.12.19	E	Systems composed of 2 solids + a liquid.	
5.	13.12.19	E	Ternary solution, hydrate formation	13.12.19
6.	17.12.19	A	contd.	17.12.19
7.	18.12.19	B	Compd formation - method of wet residue	18.12.19

Text books :

Reference books :

- Principles of physical chemistry, Puri, <sup>Sharma & Prakash</sup>
- Group theory in Chemistry, Copiran <sup>Shan</sup>
- physical chemistry, Atkins
- Group theory & Symmetry in chemistry, <sup>Wall</sup>

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment		Problems in unit I	Problems in unit II	Problems in unit III		
Internal Test		I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions		
		I, II (1/2)	II (1/2), III	III, IV (1/2)		

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
8.	20.12.19	D	Variation of temperature with composition - evolution of a representative point.	20.12.19
9.	2.1.20	D	contd.	2.1.20
10.	3.1.20	E	Three component system involving solid phase - Salting out.	3.1.20
11.	3.1.20	E	Contd.	3.1.20
12.	6.1.20	A	colloids - origin of charged colloidal particles.	6.1.20
13.	7.1.20	B	contd.	7.1.20
14.	9.1.20	D	Electrical double layer theory - Applications of colloids.	9.1.20
15.	10.1.20	E	Revision.	10.1.20
		II	Electrochemistry - I	
1.	10.1.20	E	Debye - Huckel theory of strong electrolytes - derivation and verification	10.1.20
2.	11.1.20	E	Activity coeff. of electrolyte = activity coefficient - ionic strength - Debye Huckel limiting law - derivation & verification	11.1.20
3.	11.1.20	E	Contd.	
4.	14.1.20	A	Determination of solute	14.1.20

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
			activities from solvent activities.	
5.	20.1.20	B	Bjerrum's theory of ion association in electrolyte solution.	20.1.20
6.	22.1.20	D	Electrified interface.	22.1.20
7.	23.1.20	E	Thermodynamic treatment contd	23.1.20
8.	23.1.20	F	Electrical capacitance. Determination of surface excess.	23.1.20
9.	27.1.20	A	contd	27.1.20
10.	28.1.20	B	Structure of the electric field	28.1.20
11.	28.1.20	B	Helmholtz - Planck model	28.1.20
12.	30.1.20	D	Crowy - Chapman diffusion model.	30.1.20
13.	31.1.20	E	contd.	31.1.20
14.	31.1.20	E	Stem model.	31.1.20
15.	4.2.20	A	Revision.	4.2.20
		III	Electrochemistry - III	
1.	5.2.20	B	Kinetics of electrode reaction.	5.2.20
2.	7.2.20	D	Butler - Volmer eqn & Tafel equation.	7.2.20

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
3.	10.2.20	E	Contd.	10.2.20
4.	10.2.20	E	Diffusion overpotential.	10.2.20
5.	12.2.20	A	Irreversible electrode process.	12.2.20
6.	13.2.20	B	Overvoltage - Application	13.2.20
7.	15.2.20	D	Contd	15.2.20
8.	17.2.20	E	Electrodeposition - Corrosion	17.2.20
9.	17.2.20	E	Polarography - concentration potential.	17.2.20
10.	19.2.20	A	DME Assembly - Advantages	19.2.20
11.	20.2.20	B	Illkovic eqn - Derivation	20.2.20
12.	24.2.20	D	Contd	24.2.20
13.	25.2.20	E	Half-wave potential.	25.2.20
14.	25.2.20	E	Amperometric coulometric titration	25.2.20
15.	27.2.20	A	Revision	27.2.20
		IV	Group Theory I	
1.	28.2.20	B	Group theory - Symmetry elements, Symmetry operations	28.2.20
2.	2.3.20	D	Contd	2.3.20
3.	3.3.20	E	Postulates of group - Point groups.	3.3.20
4.	3.3.20	E	$C_i, C_{2v}, C_{3v}, C_{2h}, D_2, D_6, D_{2d}, D_{2h}$ .	3.3.20

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SADAKATHULLAH APPA COLLEGE (AUTONOMOUS), TIRUNELVELI-627011  
 LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course: M.Sc; Class: **IPen** Academic year: 2019-20 Semester: **II**  
 Title of the Paper: **Physical Chemistry II** Subject Code: 18 PCCN23  
 Theory / ~~Practical~~

Sl. No	Date	Order	Unit	Topics planned	Covered on
5.	6.3.20	B		Contd	
6.	13.3.20	D		Determination of point groups.	13.3.20
7.	14.3.20	B		Representation of molecular point groups	14.3.20
8.	16.3.20	B		Reducible representation irreducible representation	
9.	17.3.20	C		Great orthogonality theorem (GOT)	
10.	18.3.20	D		Contd	
11.	19.3.20	E		use of GOT to construct character tables.	
12.	19.3.20	E		Construction of character tables for	

Text books:

Reference books:

- 1.
- 2.

- 1.
- 2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test						

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Sl. No	Date	Order	Unit	Topics planned	Covered on
				Point groups - $C_{8v}$ , $C_{3v}$	
13.	21.3.20	A		contd	
14.	26.3.20	D		$C_{2h}$ , $D_{3h}$ .	
15.	27.3.20	E		Revision.	
			<u>V</u>	Group theory II	
1.	27.3.20	E		Reducible representation into its irreducible representation.	
2.	31.3.20	A		Rules for determining irreducible representation of vibrational modes.	
3.	1.4.20	B		Normal modes of vibration of polyatomic molecules - $H_2O$ , $NH_3$	
4.	3.4.20	D		contd	
5.	3.4.20	D		$BF_3$ .	
6.	7.4.20	E		Direct product of irreducible representation	
7.	7			contd	
7.	7.4.20	E			
8.	15.4.20	A		Selection rule for $\sigma - \pi^*$ & $\pi - \pi^*$ transition in $UCHO$ .	
9.	15.4.20	A		contd	
10.	15.4.20	A		Construction of hybrid	

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# Sadakathullah Appa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627 011

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course: MSc Class: UGO Academic year: 2019-20 Semester: II

Title of the Paper: Chromatography practical

Subject Code: 18 PCH 2P2

Theory / Practical: Practical


Name of the Teacher: Dr. S. Brilliant Ravi

Sl. No	Date	Order	Unit	Topics planned	Covered on
1	16/10/19	F		Chromatographic techniques Separation of mixtures Aniline and m-nitrotoluene	16/10/19
2	13/11/20	F		Checking their Rf values Benzophenone & benzoic acid	24/11/2020
3	24/11/20	F		Identification of amino acid by TLC (on PC) Calculate Rf values	11/2/2020
4	3/2/20	F		Identification of Sugar (glucose & fructose) (sucrose) with TLC (on PC) & calculate Rf	3/2/2020
5	11/2/20	F		paper chromatographic separation of Cd & Zn. Determination of Rf values	13/2/2020
6	18/2/20	F		paper chromatographic separation of red & blue ink. Determination of Rf values	18/2/2020
7	26/2/20	F		TLC separation of Mn & Zn. Determination of Rf values.	25/2/2020
8	4/3/20	F		The separation of Ni & Co. Determination of Rf values	27/2/2020

**Reference books:**

1. Vogel's Qualitative Inorganic Analysis. 7th edition, Pearson 2006.
2. A hard book of organic Analysis: Qualitative & Quantitative. Hans Fischer Clarke, 1916.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test		1, 2, 3, 4 (S.No)	5, 6, 7, 8 (S.No)			

  
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# Sadakathullah Appa College (Autonomous)

Rahmath Nagar, Tirunelveli - 627 011

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course: MSc Class: UGO Academic year: 2019-20 Semester: II

Title of the Paper: Chromatography practical

Subject Code: 18 PCH 2P2

Theory / Practical: Practical


Name of the Teacher: Dr. S. Brilliant Ravi

Sl. No	Date	Order	Unit	Topics planned	Covered on
1	16/10/19	F		Chromatographic techniques Separation of mixtures Aniline and m-nitrotoluene	16/10/19
2	13/11/20	F		Checking their Rf values Benzophenone & benzoic acid	24/11/2020
3	24/11/20	F		Identification of amino acid by TLC (on PC) Calculate Rf values	11/2/2020
4	3/2/20	F		Identification of Sugar (glucose & fructose) (sucrose) with TLC (on PC) & calculate Rf	3/2/2020
5	11/2/20	F		paper chromatographic separation of Cd & Zn. Determination of Rf values	13/2/2020
6	18/2/20	F		paper chromatographic separation of red & blue ink. Determination of Rf values	18/2/2020
7	26/2/20	F		TLC separation of Mn & Zn. Determination of Rf values.	25/2/2020
8	4/3/20	F		The separation of Ni & Co. Determination of Rf values	27/2/2020

**Reference books:**

1. Vogel's Qualitative Inorganic Analysis. 7th edition, Pearson 2006.
2. A hard book of organic Analysis: Qualitative & Quantitative. Hans Thiercher Claver, 1916.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test		1, 2, 3, 4 (S.No)	5, 6, 7, 8 (S.No)			

  
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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
		A	1, 2-bromocyclohexane	
	09.01.20 (D)	D	ethyl acetate & ethyl acetate	
	10.1.20 (E)	E	<sup>13</sup> C-NMR	
	20.1.20	B	Multi dimensional	
	23.1.20	B	1D & 2D	
	23.1.20	B	2D to 4D	
	28.1.20	B	Home nuclear coherence	
	28.1.20	B	Transfer of mixing	
	31.1.20	B	locky	
	31.1.20	B	" "	
	5.2.20	B	DEPT	
	5.2.20	B	" "	
	10.2.20	B	NOESY	
	13.2.20	B	" "	
	13.2.20	B'	TOESY	
	17.2.20 (E)	"	" "	
		IV	OLD, CD.	
	17.2.20 (E)	"	Principle	
	20.2.20	B''	Types & ORD	
	25.2.20	E''	axial halobutene	
	25.2.20	E''	octane rule	
	28.2.20	B'''	Principle of Selection	
	28.2.20	B'''	Rotational & vib spectra	
	3.3.20	E'''	Frank condensation	
	3.3.20	E'''	Types of electronic spectra	

Covered on  
20.02.20

Covered on  
19.03.20

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
	16.3.20	A	Solvent effect,	
	17.3.20	B	Red shift & Cal. <sup>max</sup>	
	17.3.20	C	Woodward Fieser rule	
	19.3.20	D	Scott rule & Application	
	31.3.20	A	Theoretical & Principle	
	31.3.20	A	Harmonic oscillator	
	1.4.20	B	Anharmonicity	
	1.4.20	B	P, Q, R, branches	
	2.4.20	A	IR spectra, diatomic	
	15.4.20	A	Normal modes for CO <sub>2</sub> , H <sub>2</sub> O	
	18.4.20	D	Factor affecting IR	
	18.4.20	D	Finger print	Covered on 18-04-20
	20.4.20	F	Fermi Resonance	
	<del>20.4.20</del>		Applications of IR	
		//	Organic Spectroscopy //	
	20.4.20	F	<sup>1</sup> H NMR	
	21.4.20	F	Relaxation effect	
	"	"	Chemical shift	
	21.4.20	F	Applications	
	21.4.20	F	Conformation	Covered on 21-4-20
			Conformation	
			Monocyclic molecule	
			Bicyclic molecule	
			Problems	
			// //	

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Course: M.Sc Class: JMS (Pw) Academic year: 2019-2020 Semester: II  
 Title of the Paper: Advanced Topics in Chemistry Subject Code: 18PCCH42  
 Theory / Practical: Theory Teacher: Dr.S.Brillians Revin

Sl. No	Date	Order	Unit	Topics planned	Covered on
1			III	Supramolecular chemistry Concepts	
2				Cation binding	
3				Binding of anions	
4				Neutral Molecules	
5				Methods	
6				Self-Assembly	
7				cont(.	
8				Artificial enzymes	
9				cont(.	
10				Molecular devices	
11				cont(.	
12				cont(.	
13				Molecular machines	
14				cont(.	
15				cont(.	

Text books:

Reference books:

- Green Chemistry, V.K. Ahluwalia
- Nanoparticles : G-Schmidt
- Chemistry of nanomaterials, CNR Rao
- Introduction to Cheminformatics Andrew.f. Leah

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	3	Bottom up method of nanoparticle synthesis	12 Principles of Greenchemistry	Designing of micro array		
Internal Test	3	III	II, I (1/2)	IV, I (1/2)		



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Sl. No	Date	Order	Unit	Topics planned Drug Design	Covered on
16	18/4/2020		✓	Transcriptomics - probe - Northern hybrid display	
17	18/4/2020			Differential	
18	18/4/2020			Microarrays - types of microarray	
19	20/4/2020			designing of microarray, cDNA	
20	20/4/2020			micro array data variability	
21	20/4/2020			Normalisation - Image analysis	
22	20/4/2020			Metabonomics - reconstruction of of metabolic pathway genome sequence	
23	21/4/2020			Metabolic pathway database	
24	21/4/2020			Pharmacogenomics - Drug - agonist - inhibition - drug receptor	
25	21/4/2020			Types - Drug designing - structure based drug design	
26	20/4/2020			Discovery development process - pharmacokinetics Simple nucleotide polymorphism	
27	21/4/2020			Benefits and limitation	
28	21/4/2020			Cheminformatics: Properties, Estimation of log P <sub>ow</sub> , log S & toxicity	
29	21/4/2020			Prediction of special properties Chemical shifts, mass spectra	
30	21/4/2020			Prediction of chemical reaction	

  
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Sl. No	Date & Order	Unit	Topics planned Nano chemistry	Covered on
31	B 21/1/20	ii	Background to Nanoscience & Scientific revolution - Atomic structure	
32	D 22/1/20		Atomic size, emergence and challenges of nanoscience	
33	E 23/1/20		Introduction to Nanostructure, CNT	
34	E 23/1/20		Graphene, Fullerenes, Quantum Dot	
35	E 31/1/20		Semiconductor Nanoparticles	
36	E 31/1/20		Metal Based Nanostructure	
37	A 4/2/20		Polymer - Based Nanostructure	
38	B 9/2/20		Core-shell, dendrimers - Application of nanomaterials (chem. synthesis)	
39	D 7/2/20		Nanoscience and Interface	
40	E 10/2/20		Intermolecular forces, Van der Waals	
41	E 10/2/20		Keesom, Debye and London Interaction	
42	A 12/2/20		Dynamic properties of Interface	
43	F 14/2/20		Contact angle	
44	D 24/2/20		Brownian motion and Brownian Flocculation	
45	B 28/2/20		Surface free energy	unit is covered on 28/2/2020



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Sl. No	Date & Order	Unit	Topics planned Green Chemistry	Covered on
46	28/2/20 B	I	Relevance and Goals	
47	4/3/20 F		Anastasi's 12 principles	
48	4/3/20 F		Tools of green chemistry	
49	4/3/20 F		Alternative material, reagents, catalysts, solvents and process	
50	4/3/20 F		Prevention of toxic products	
51	6/3/20 B		Designing of safer chemical Different basic approach	
52	6/3/20 B		selection of appropriate substance green solvent, solventless process	
53	6/3/20 B		Immobilized solvents	
54	6/3/20 B		Toxic liquids, energy requirement	
55	7/3/20 A		Uses of microwaves, ultrasonic energy	
56	7/3/20 A		Selection of starting material - design of biodegradable products	
57	7/3/20 A		Prevention of chemical accidents	
58	7/3/20 A		development of analytic techniques	
59	10/3/20 D		Minimise the generation	
60	16/3/20 B		Hazardous substance in chemical process	Unit II - Covered on 16/3/2020

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Sl. No	Date & Order	Unit	Topics planned Green Chemistry	Covered on
46	B 28/2/20	I	Relevance and Goals	
47	F 4/3/20		Anastas's 12 principles	
48	F 4/3/20		Tools of green chemistry	
49	F 4/3/20		Alternative material, reagents, catalysts, solvents and process	
50	F 4/3/20		Prevention of toxic products	
51	B 6/3/20		Designing of safer chemical	
			Different basic approach	
52	B 6/3/20		selection of appropriate substance	
			green solvent, solventless process	
53	B 6/3/20		Immobilized solvents	
54	B 6/3/20		Toxic liquids, energy requirements	
55	A 7/3/20		Uses of microwaves, ultrasonic energy	
56	A 7/3/20		selection of starting material - design	
57	A 7/3/20		of biodegradable products	
58	A 7/3/20		Prevention of chemical accidents	
			development of analytic techniques	
59	D 10/3/20		Minimise the generation	
60	B 16/3/20		Hazardous substance in chemical process	

Unit II - covered on 16/3/2020



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Sl. No	Date & Order	Unit	Topics planned Biophysical chemistry	Covered on
61	16/3/20 <sup>B</sup>	IV	Thermodynamics in Biology	
62	18/3/20 <sup>D</sup>		Energy flux - transfer of potential	
63	19/3/20 <sup>E</sup>		Coupled reactions	
64	19/3/20 <sup>E</sup>		Role of singlet oxygen in } Biology }	
65	21/3/20 <sup>A</sup>		Principle of function and } structural organisation }	
66	21/3/20 <sup>D</sup>		Bio energetic fundamental reaction	
67	27/3/20 <sup>F</sup>		Structure of membrane	
68	31/3/20 <sup>A</sup>		cont(·)	
69	1/4/20 <sup>B</sup>		cont(·)	
70	3/4/20 <sup>D</sup>		solute transport across membrane	
71	7/4/20 <sup>B</sup>		cont(·)	
72	7/4/20 <sup>E</sup>		Membrane potential	
73	15/4/20 <sup>A</sup>		Ion pumps	
74	18/4/20 <sup>B</sup>		Biophysical application of } Mossbauer effect }	
75	18/4/20 <sup>D</sup>		cont(·)	

  
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Sl. No	Date & Order	Unit	Topics planned, Biophysical chemistry	Covered on
61	B 16/3/20	IV	Thermodynamics in Biology	
62	D 18/3/20		Energy flux - transfer of potential	
63	E 19/3/20		Coupled reactions	
64	E 19/3/20		Role of singlet oxygen in Biology	
65	A 21/3/20		Principle of function and structural organisation	
66	D 26/3/20		Bio energetic fundamental reaction	
67	E 27/3/20		Structure of membrane	
68	A 31/3/20		cont(·)	
69	B 1/4/20		cont(·)	
70	D 31/4/20		solute transport - across membrane	
71	E 7/4/20		cont(·)	
72	E 7/4/20		Membrane potential	
73	A 15/4/20		Ion pumps	
74	B 18/4/20		Biophysical application of Mossbauer effect	
75	D 18/4/20		cont(·)	

  
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Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class: II P<sub>cs</sub>

Academic Year: 2019 - 2020 Semester: IV  
(Even)

Subject Code: 18PECH4A

Course: M.Sc.

Title of the Paper: medicinal chemistry

Name of the Teacher: Dr. M.A. SABITHA

Theory / Practical

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1.	19.12.19	I	Chemistry of Drugs	
1.	19.12.19	B	Drug - definition, Requirement of an ideal drug.	19.12.19
2.	12.12.19	D	Source of drug	12.12.19
3.	12.12.19	B	Historical evolution of drugs	12.12.19
4.	13.12.19	E	Nomenclature of drugs	13.12.19
5.	18.12.19	B	Heterocyclic drugs	18.12.19
6.	20.12.19	D	Non-stereochemical	20.12.19
7.	20.12.19	D	Chirality of drugs	20.12.19
8.	02.1.20	D	Terminology + description of terms - Pharmacology Pharmacokinetics.	02.1.20
9.	02.1.20	D	Pharmacodynamics,	2.1.20

Text books:

Reference books:

Fundamentals of medicinal  
Chemistry, Gossain

1. The organic chemistry of Drug design  
& drug action,  
Silverman.

Berg's medicinal chemistry

2. Medicinal Chemistry,  
Ashworth

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	3	Nomenclature of drugs	essential biogenics	Parkinsonism by MPTP.		
Internal test	3	I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions		
		I, II (1/2)	II (1/2) + III	IV + V (1/2)		

	Order		Topic	Covered on
			Metabolites	
10.	3.1.20	E	Antimetabolites, Phosma -cophane.	3.1.20
11.	07.1.20	B	Chemical structure, Therapeutic actions	07.1.20
12.	09.1.20	D	Revision.	09.1.20
		<u>II</u>	Sedatives + Hypnotics	
1.	09.1.20	D	Introduction, classification	09.1.20.
2.	10.1.20	E	Barbiturates	10.1.20
3.	20.1.20	B	Non-barbiturates	20.1.20
4.	23.1.20	E	Mode of action of barbiturates	23.1.20
5.	23.1.20	E	Mechanism of action	23.1.20
6.	28.1.20	B	Barbiturates vs Benzodiazepines	28.1.20
7.	28.1.20	B	Structure - Activity Relationship	28.1.20
8.	31.1.20	E	Barbiturate vs diazepam constant.	31.1.20
9.	31.1.20	<del>B</del>	Substitution on hetero atoms in Barbiturates	31.1.20
10.	5.2.20	B	$\text{OH}^-$ catalyzed degradation of Barbiturates	5.2.20
11.	5.2.20	B	Specific action of some sedatives	5.2.20

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# Sadakathullah Appa College

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Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
			4 Hypothetic	
12.	10.2.20	E	Revision	10.2.20
	10.2.20	III	Autonomic Drugs	
1.	10.2.20	E	Classification, Sympathomimetic drugs	10.2.20
2.	13.2.20	B	Mechanism of action.	13.2.20
3.	13.2.20	B	Structure activity relationship	13.2.20
4.	17.2.20	E	Beta Adrenergic Receptor Stimulants	17.2.20
5.	17.2.20	E	Adrenergic Receptor Blocking agent	17.2.20
6.	20.2.20	B	Alpha Adrenergic Blocking agent	20.2.20
7.	20.2.20	B	Mechanism of action.	20.2.20
8.	25.2.20	E	Beta Adrenergic Blocking agent, first generation beta blockers	25.2.20
9.	25.2.20	E	Second generation beta blockers	25.2.20
10.	28.2.20	B	Third generation betablockers	28.2.20
11.	28.2.20	B	Alpha & Beta Adrenergic Receptor Blocking agent.	28.2.20
12	3.3.20	E	Revision	3.3.20
		IV	Diuretics	
1.	3.3.20	E	Introduction, classification	3.3.20
2.			Mercurial Diuretics	

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
				14-3-20
3.	14-3-20	E	Contd	14-3-20
4.	14-3-20	E	Non-mechanical Diuretic	17-3-20
5.	17-3-20	E	Thiazides	19-3-20
6.	19-3-20	E	Carbonic anhydrase inhibitors	
7.	19-3-20	E	Loop & High-ceiling Diuretic	
8.	27-3-20	E	Aldosterone inhibitors	27-3-20
9.	27-3-20	E	Pyrimidine diuretic	28-3-20
10.	31-3-20	A	Osmotic Diuretic	31-3-20
11.	31-3-20	A	Acidotic diuretic	31-3-20
	31-3-20	A	Miscellaneous diuretic	31-3-20
12.	1-4-20	B	Revision	1-4-20
		V	Antihistamines & Antiparkinsonism agents	
1.	1-4-20	B	Antihistamines - Introduction & Classification	1-4-20
2.	7-4-20	E	Histamine H <sub>1</sub> -Receptor Antagonists	7-4-20
3.	7-4-20	F	Ameperalkyl ethers	7-4-20
4.	15-4-20	A	ethylene diamines, phenothiazine derivatives	15-4-20



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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : M.Sc.

Class : II<sup>PC</sup>

Academic Year : 2019 - 2020 Semester : IV  
(Even)

Title of the Paper : Medicinal Chemistry

Subject Code : 18PC114A

Theory / Practical

Name of the Teacher : Dr. M.A. SABITHA

Sl.No.	Date & Order	Unit	Topics planned	Covered on
7.	16.4.20	B	Vitamin <sup>B</sup> <sub>2</sub> - Receptor blocker, mechanism of action.	16-4-20
8.	16.4.20	B	AntiParkinsonism agents - Introduction	16-4-20
9.	17.4.20	C	Etiology, Parkinsonism produced by MPTP, classification.	
10.	17-4-20	C	Piperidine analogues, pyrrolidine analogues, mechanism of action	
11.	22.4.20	C	Miscellaneous drugs - mechanism of action.	
12.	23.4.20	f	Revision.	

Text books :

- 1.
- 2.

Reference books :

- 1.
- 2.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment						
Internal Test		I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions		

M.A. Sa

M.A. Sa

Teacher's Signature

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EM2/15/21