

# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class: P.UG

Academic Year: 2016 - 2017 Semester: I & II

Course: BSc

Title of the Paper: Inorganic Quantitative Analysis

Subject Code: 15UCHC2P

Theory / Practical

Preparation of Organic Complexes

Name of the Teacher: Dr. M. Kamalathoon

Sl.No.	Date & Order	Unit	Topics planned	Covered on
			<u>A. Volumetric Estimation</u>	
<u>1</u>	<u>23/06/16</u>	<u>F</u>	<u>Apparatus issue</u>	<u>23/06/16</u>
<u>2</u>	<u>30/06/16</u>	<u>F</u>	<u>Preparation of stock solution - demo</u>	<u>30/06/16</u>
<u>3</u>	<u>14/07/16</u>	<u>F</u>	<u>Short procedure for Experiments</u>	<u>14/07/16</u>
<u>4</u>	<u>21/07/16</u>	<u>F</u>	<u>Estimation of Washing Soda (Na<sub>2</sub>CO<sub>3</sub>)</u>	<u>21/07/16</u>
<u>5</u>	<u>29/07/16</u>	<u>F</u>	<u>Estimation of oxalic acid</u>	<u>29/07/16</u>
<u>6</u>	<u>05/08/16</u>	<u>F</u>	<u>Estimation of ferrous ion</u>	<u>05/08/16</u>
<u>7</u>	<u>13/08/16</u>	<u>F</u>	<u>Estimation of ferrous iron by external indicator method</u>	<u>13/08/16</u>
<u>8</u>	<u>23/08/16</u>	<u>F</u>	<u>Estimation of Potassium dichromate</u>	<u>23/08/16</u>

Text books :

- Advanced course in Practical Chemistry, Ghosal, Kolkata, 2000
- Advanced practical Chem, 2005, New Delhi

Reference books :

- Vogel's Quantitative Analysis, Vogel, India
- Advanced practical chem - Chatterjee 2007, Kolkata

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		

Teacher's Signature

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
9	31/08/16	F	Estimation of Copper	31/08/16
			Complometric Titration	
10	09/09/16		Short procedure for experiments	09/09/16
11	21/09/16		Internal exam - I	21/09/16
12	21/09/16		Estimation of Zinc	21/09/16
13	29/09/16		Estimation of Magnesium	29/09/16
14	07/10/16		Estimation of Calcium	07/10/16
15	20/10/16		Estimation of Manganese	20/10/16
			B. Preparation of Inorganic Complexes	
16	31/10/16	F	Apparatus issue	31/10/16
17	27/12/16		Preparative & impudent Solutions for experiments done	27/12/16
18	03/01/17		Preparation of potash alum	03/01/17
19	11/01/17	F	Short procedure for experiment	11/01/17
20	24/01/17		Preparation of Chrome alum	24/01/17
21	03/02/17		Preparation of Prussian blue	03/02/17
22	11/02/17		Preparation of sodium ferrioxalate	11/02/17
23	20/02/17		Preparation of chromites Copper Sulphate	20/02/17

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Course : B.Sc

Class : III - UC

Academic Year : 2016 - 2017 Semester : V

Title of the Paper : GRAVIMETRIC ANALYSIS

Subject Code : 11UC0461

Theory / Practical

Name of the Teacher : D. A. SYED MOHAMED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	20/6/16 - c		Apprecies lessoning.	20/6/16
2	27/6/16 - c		Preparation of <del>chromium</del> <sup>chromium</sup> <del>chromium</del> <sup>chromium</sup> Copper II sulphate	27/6/16
3	11/7/16 - c		Preparation of <del>potassium</del> <sup>potassium</sup> <del>potassium</del> <sup>potassium</sup> alum	11/7/16
4	18/7/16 - c		Preparation of <del>chromium</del> <sup>chromium</sup> <del>chromium</del> <sup>chromium</sup> Sodium ferrioxalate	18/7/16
5	26/7/16 - c		Estimation of Barium.	26/7/16

Text books :

- 1.
- 2.

Reference books :

1. Vogel's text book of quantitative Inorganic Analysis - Vogel.
2. Adv. Practical chemistry - R. Mur

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		

*D. A. Syed Mohamed*  
Teacher's Signature

*M. Kumar*  
HOD Signature

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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
6	2/8/16 - C		Contd.	2/8/16
7	10/8/16 - C		Preparation of Prussian blue	10/8/16
8	19/8/16 - C		Prep. of tris (thioacetone) perchloride hydrate	19/8/16
9	27/8/16 - C		Estimation of Lead	27/8/16
10	6/9/16 - C		Contd.	6/9/16
11	17/9/16 - C		Estimation of MP.	17/9/16
12	26/9/16 - C		Determination of MP.	26/9/16
13	4/10/16 - C		Determination of BP.	4/10/16
14	17/10/16 - C		Determination of MA	17/10/16
15	24/10/16 - C		Int. Practical - P.	24/10/16

*A. Sreedhar*  
Teacher's Signature

*M. Kamalini*  
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## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
16	8/12/16-C		Record note submission	8/12/16
17	20/12/16-C		Estimation of calcium as calcium oxalate monohydrate	20/12/16
18	30/12/16-C		Contd.	30/12/16
19	6/1/17-C		Estimation of zinc as zinc oxinate	6/1/17
20	19/1/17-C		Estimation of zinc contd	19/1/17
21	3/1/17-C		Observation note correction	3/1/17
22	8/2/17-C		Preparation of potassium bis oxalato ferrate (III)	8/2/17
23	15/2/17-C		Determination of MP	15/2/17
24	23/2/17-C		Determination of BP	23/2/17
25	3/3/17-C		Crystallization	3/3/17
26	11/3/17-C		Balance test II	11/3/17
27	20/3/17-C		Record note submission	20/3/17

A. Syed M.

Teacher's Signature

M. K. S.

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

Course: B.Sc

Class: II B.Sc., Chemistry

Academic year: 2016– 2017

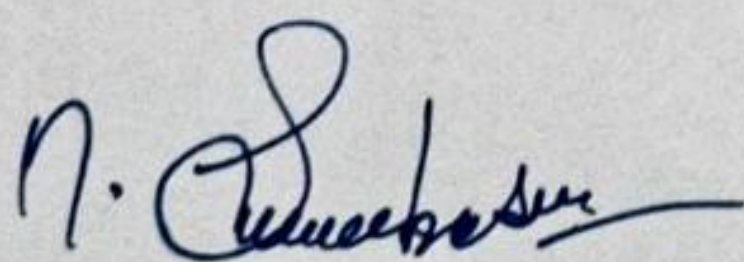
Semester:II

Title of the Paper: Inorganic Chemistry

Subject Code: 15UCCH22

Theory / Practical: Theory

Sl. No	Date	Order	Unit	Topics planned	Covered on
1	8.12.16	C	IV	p-Block elements	8.12.16
2	9.12.16	D	IV	Boron group elements- group discussion	9.12.16
3	20.12.16	C	IV	Preparation of anhydrous aluminum chloride	20.12.16
4	21.12.16	D	IV	structure and uses of aluminium chloride	21.12.16
5	30.12.16	C	IV	Carbon group elements	30.12.16
6	31.12.16	D	IV	comparison of carbon and silicon	31.12.16
7	6.1.17	C	IV	preparation, properties and uses of calcium carbide	6.1.17
8	9.1.17	D	IV	Nitrogen group elements	9.1.17
9	19.1.17	C	IV	preparation, properties and uses of sodium nitro prusside	19.1.17
10	20.1.17	D	IV	preparation, properties and uses of silicon nitride	20.1.17
11	31.1.17	C	IV	Preparation and uses of microcosmic salt, potassium pyroantimonate	31.1.17
12	1.2.17	D	IV	tartaremetic and sodium bismuthate	1.2.17
13	8.2.17	C	V	General characteristics of d-block elements	8.2.17
14	9.2.17	D	V	Metallurgy and uses of V	9.2.17
15	15.2.17	C	V	preparation and uses of V <sub>2</sub> O <sub>5</sub>	15.2.17
16	16.2.17	D	V	polyvalence of V. Comparative study of Fe, Co and Ni	16.2.17
17	23.2.17	C	V	Comparative study of Cu, Ag and Au	23.2.17
18	24.2.17	D	V	Preparation and uses of Platinized asbestos, colloidal platinum,	24.2.17

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

Sl. No	Date	Order	Unit	Topics planned	Covered on			
19	3.3.17	C	III	spongy platinum, platinum black and potassium chloroplatinate	3.3.17			
20	6.3.17	D	III	Lanthanides – occurrence – general characteristics of Lanthanides–	6.3.17			
21	11.3.17	C	III	Lanthanide contraction and its consequences	11.3.17			
22	13.3.17	D	III	Actinides – occurrence – general characteristics of actinides	13.3.17			
23	20.3.17	C	III	Extraction and uses of Uranium. Preparation and uses of UF <sub>6</sub> and Zinc uranyl acetate.	20.3.17			
24	21.3.17	D	III	Extraction of Li	21.3.17			
25	28.3.17	C	III	Extraction of Be	28.3.17			
26	30.3.17	D	III	. Extraction of Mg	30.3.17			
27	6.4.17	C	III	Extraction of Magnesium and Beryllium	6.4.17			
28	7.4.17	D	III	Sodium carbonate (washing soda) - manufacture by electrolytic process - properties and uses	7.4.17			
29	18.4.17	C	III	Sodium bicarbonate (Baking soda) - properties and uses	18.4.17			
30	19.4.17	D	III	Revision	19.4.17			
<b>Activity</b>	<b>Total Number</b>	<b>Topic I</b>			<b>Topic II</b>	<b>Topic III</b>	<b>Planned Date</b>	<b>Actual Date</b>
Assignment	1	Extraction of metals						
Internal Test	3	Unit-IV		Unit-V	Unit-III			

Text books:

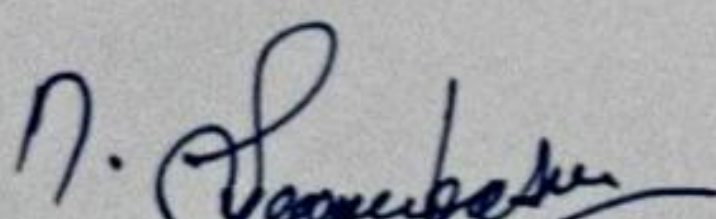
Reference books:


1. Text Book of Inorganic Chemistry P. L. Soni & M. Katyl – 2004 , Sultan Chand & Sons , New Delhi

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

Course: B.Sc.

Class: I Chemistry

Academic year: 2016-17

Semester:II

Title of the Paper: Inorganic Chemistry II

Subject Code: 15UCHC22

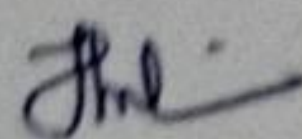
Theory / Practical: Theory

Sl. No	Date	Order	Unit	Topics planned	Covered on
1	8.12.16	C	I	Occurrence of elements in nature, minerals & ores, Types of ores - -, &.	8.12.16
2	20.12.16	C		Various steps of metallurgy - concentration of ores	20.12.16
3	30.12.16	C		calcination, roasting	20.12.16
4	6.1.17	C		Reduction to free metals - Carbon (smelting) heating in air, carbon monoxide, hydrogen	6.1.17
5	19.1.17	C		aluminothermic process, Kroll's process	19.1.17
6	31.1.17	C		Refining - Mond's process, van Arkel - de - Boer process,	31.1.17
7	8.2.17	C		electro refining, Zone refining.	8.2.17
8	15.2.17	C		Metallurgy of Titanium and their important uses	15.2.17
9	23.2.17	C		Metallurgy of Nickel and their important uses	23.2.17
10	3.3.17	C		Reactive forms of hydrogen - nascent hydrogen - atomic hydrogen	3.3.17
11	11.3.17	C		active hydrogen - <i>ortho</i> and <i>para</i> hydrogen, occluded hydrogen	11.3.17
12	20.3.17	C		Hydrogen as a future fuel - Heavy water - preparation - properties - uses	20.3.17
13	28.3.17	C		Hydrogen peroxide - manufacture of hydrogen peroxide - reaction and uses	28.3.17
14	6.4.17	C		volume strength and estimation by permanganometric method	6.4.17
15	18.4.17	C		constitution of Hydrogen peroxide	18.4.17

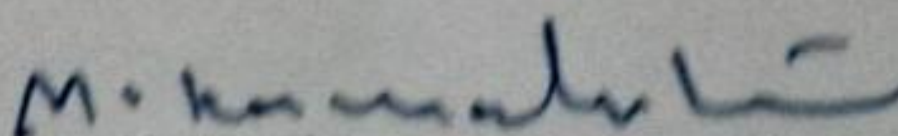
Text books:

Reference books:

1. Advanced Inorganic Chemistry - Vol. I, II, - Gurdeep Raj, 1986; Goel Publishing House, New Delhi.
2. Advanced Inorganic Chemistry Vol I, II - Sathyaprakash and R. D. Madan, Revised reprint 2005; S. Chand and Company, New Delhi



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

Course: B.Sc. Class: II Physics Academic year: 2016-17 Semester: IV  
 Title of the Paper: Allied Chemistry -II Subject Code: 15UCHA31  
 Theory / Practical: Theory

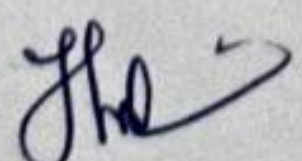
Sl. No	Date	Order	Unit	Topics planned	Covered on
1	9.12.16	D	I	Transition metals - general characteristics	9.12.16
2	15.12.16	F		metallic character - oxidation states - size - density - melting and boiling points	15.12.16
3	21.12.16	D		ionization energy - colour - magnetic properties - reducing properties - catalytic properties	21.12.16
4	27.12.16	F		Inner Transition elements - Lanthanides - Electronic configuration	27.12.16
5	31.12.16	D		general characteristics - occurrence of lanthanides	03.1.17
6	3.1.17	F		separation by ion exchange method	9.1.17
7	9.1.17	D		lanthanide contraction	11.1.17
8	11.1.17	F		Actinides - Electronic configuration and general characteristics	20.1.17
9	20.1.17	D		comparison with lanthanides.	24.1.17
10	24.1.17	F	II	General characteristics of aromatic compounds	1.2.17
11	1.2.17	D		aromaticity	3.2.17
12	3.2.17	F		Huckel's rule with examples -	9.2.17
13	9.2.17	D		non - benzenoid aromatic compounds (definition and examples only)	11.2.17
14	11.2.17	F		Preparation of benzene	16.2.17
15	16.2.17	D		properties and structure of benzene	20.2.17

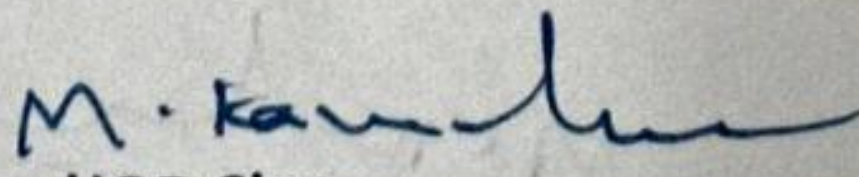
Text books:

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Reference books:

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SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)  
Rahmath Nagar, Tirunelveli - 627 011

Pre-First-Class Lesson Plan  
Academic Year 2016-2017 [Even Semester]  
Department: CHEMISTRY

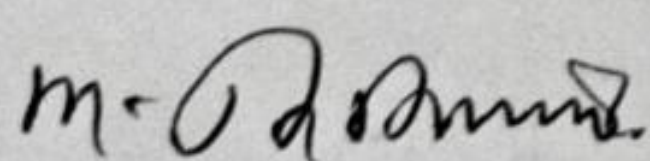
Class	: B.Sc. Physics
Semester	: IV
Name of the Faculty	: Dr. M. THAMEEM ANSARI
Title of the Course	: ALLIED CHEMISTRY-II
Subject Code	: 15UCHA41
Text books	: P.L.Soni, Text book of Inorganic Chemistry, Sultan Chand and Sons, 2007
Reference books	: Puri, Sharma and Kalia, Principles of Inorganic Chemistry, Milestone Publishers and Distributors, 2008.

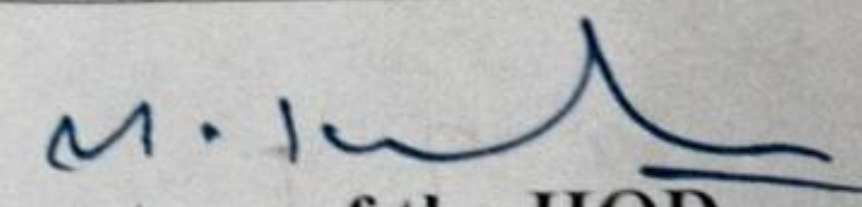
Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	14.12.16	E	I	UNIT I: INORGANIC CHEMISTRY Transition metals - general characteristics - metallic character	22.12.16	DD
2	22.12.16	E		oxidation states - size - density - melting and boiling points	22.12.16	
3	2.1.17	E		ionization energy - colour - magnetic properties	2.1.17	
4	10.1.17	E		reducing properties - catalytic properties	10.1.17	
5	23.1.17	E		Inner Transition elements - Lanthanides - Electronic configuration	23.1.17	
6	2.2.17	E		General characteristics of Lanthanides - occurrence of lanthanides - separation by ion exchange method - lanthanide contraction -	2.2.17	
7	10.2.17	E		Actinides - Electronic configuration and general characteristics -	10.2.17	

*m. Thameem Ansari*  
Signature of the Faculty

*M. I. ...*  
Signature of the HOD

Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	17.2.17	E		comparison with lanthanides.	17.2.17	
9	27.2.17	E		Revision	27.2.17	
10	3.2.17	E	II	<b>UNIT II: ORGANIC CHEMISTRY</b> General characteristics of aromatic compounds -	3.2.17	
11	14.3.17	E		aromaticity - Huckel's rule with examples -	14.3.17	
12	22.3.17	E		non - benzenoid aromatic compounds (definition and examples only)	22.3.17	
13	31.3.17	E		Revision	31.3.17	
14	10.4.17	E		Revision	10.4.17	
15	20.4.17	E		Revision	20.4.17	

  
Signature of the Faculty

  
Signature of the HOD

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

Course: B.Sc. Chemistry Class: II-year Academic year: 2016-17; Semester: III and IV

Title of the Paper: Inorganic Qualitative Analysis

Subject Code: 15UCHC4P

Theory / Practical: Practical

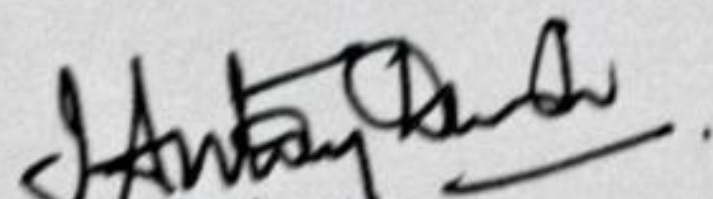
Sl. No	Date	Order	Unit	Topics planned	Covered on
1	16.06.2016	A		Inorganic Qualitative Analysis – Apparatus issued	16.06.2016
2	24.06.2016	A		Demonstration of preliminary tests	24.06.2016
3	01.07.2016	A		Demonstration of test for acid radicals and elimination	01.07.2016
4	15.07.2016	A		Demonstration of group fixing and test for basic radicals	15.07.2016
5	22.07.2016	A		Inorganic Qualitative Analysis of a mixture – 1	22.07.2016
6	30.07.2016	A		Inorganic Qualitative Analysis of a mixture – 1	30.07.2016
7	08.08.2016	A		Inorganic Qualitative Analysis of a mixture – 1	08.08.2016
8	17.08.2016	A		Inorganic Qualitative Analysis of a mixture – 2	17.08.2016

Text books:

Reference books:

1. Vogel's Qualitative Inorganic Analysis, Revised by G. Svehla, 2009
2. Lab Manual, Inorganic Qualitative Analysis, Dept of Chemistry, Sadakathullah Appa College

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

  
 Teacher's Sign

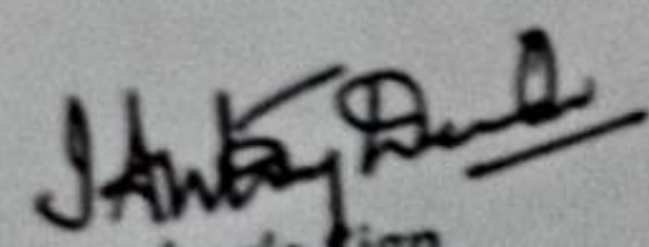
  
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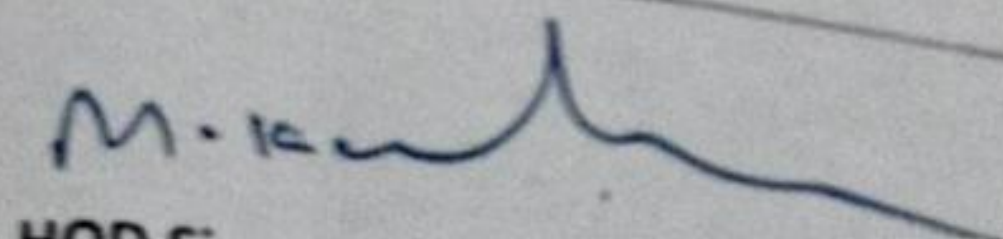
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 LESSON PLAN AND RECORD OF CLASSES ENGAGED

Sl No	Date	Order	Unit	Topics planned	Covered on
9	24.08.2016	A		Inorganic Qualitative Analysis of a mixture - 2	24.08.2016
10	01.09.2016	A		Inorganic Qualitative Analysis of a mixture - 3	01.09.2016
11	15.09.2016	A		Inorganic Qualitative Analysis of a mixture - 3	15.09.2016
12	22.09.2016	A		Inorganic Qualitative Analysis of a mixture - 4	22.09.2016
13	30.09.2016	A		Inorganic Qualitative Analysis of a mixture - 4	30.09.2016
14	13.10.2016	A		Inorganic Qualitative Analysis of a mixture - 5	13.10.2016
15	21.10.2016	A		Inorganic Qualitative Analysis of a mixture - 5	21.10.2016
16	06.12.2016	A		Inorganic Qualitative Analysis of a mixture - 6	06.12.2016
17	16.12.2016	A		Inorganic Qualitative Analysis of a mixture - 6	16.12.2016
18	28.12.2016	A		Inorganic Qualitative Analysis of a mixture - 7	28.12.2016
19	04.01.2017	A		Inorganic Qualitative Analysis of a mixture - 7	04.01.2017
20	17.01.2017	A		Inorganic Qualitative Analysis of a mixture - and course work sublimated model	17.01.2017
21	25.01.2017	A		Inorganic Qualitative Analysis of a mixture - 8	25.01.2017

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

Sl. No	Date	Order	Unit	Topics planned	Covered on
22	06.02.2017	A		Inorganic Qualitative Analysis of a mixture - 8	06.02.2017
23	13.02.2017	A		Inorganic Qualitative Analysis of a mixture - Internal-I	13.02.2017
24	21.02.2017	A		Inorganic Qualitative Analysis of a mixture - Internal-II	21.02.2017
25	01.03.2017	A		Inorganic Qualitative Analysis of a mixture -	
26	09.03.2017	A		Inorganic Qualitative Analysis of a mixture -	
27	16.03.2017	A		Inorganic Qualitative Analysis of a mixture -	
28	24.03.2017	A		Inorganic Qualitative Analysis of a mixture -	
29	04.04.2017	A		Inorganic Qualitative Analysis of a mixture -	
30	12.04.2017	A		Inorganic Qualitative Analysis of a mixture -	

*J. Antony Paul*  
 Teacher's Sign

*M. Lakshmi*  
 HOD Sign

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SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)  
Rahmath Nagar, Tirunelveli - 627 011

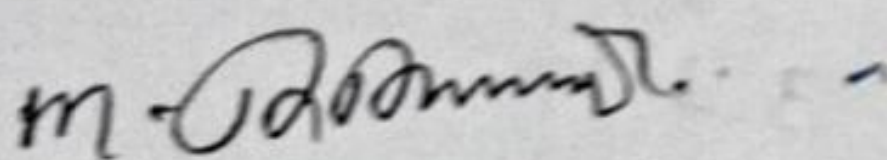
Class Lesson Plan


Academic Year 2016-2017 [Even Semester]

Department: CHEMISTRY

Class	: B.Sc. Chemistry
Semester	: II
Name of the Faculty	: Dr. M. THAMEEM ANSARI
Title of the Course	: Amino Acids, Lipids and Enzymes
Subject Code	: 15UCHA21
Text books	: Biochemistry - U. Satyanarayana & U. Chakrapani, 2008; Books and Allied (P) Ltd., Kolkata.
Reference books	: Biochemistry - Lubert Stryer, W.H. Freeman and Company, New York

Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
1	6-12-16	A	I	UNIT I - AMINO ACIDS AND PROTEINS Amino acids - Different classifications and properties.	28-12-16	OD
2	8-12-16	C		Optical activity	28-12-16	OD
3	16-12-16	A		isoelectric point & zwitter ion	30-12-16	OD
4	20-12-16	C		Reaction due to amino group	30-12-16	OD
5	28-12-16	A		Reaction due to carboxylic acid group	4-1-17	
6	30-12-16	C		Action of heat on alpha, beta and gamma amino acids.	4-1-17	
7	4-1-17	A		Proteins - Classification of proteins based on shape, solubility,	6-1-17	

  
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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
8	6.1.17	C		composition and biological function - Biological actions of proteins.	6.1.17	
9	17.1.17	A		Primary structure, (one method each for C - Terminal, N - Terminal amino acid analysis), Secondary, tertiary and quaternary structure of proteins.	17.1.17	
10	19.1.17	C	II	UNIT II - LIPIDS Lipids - Definition, classification	19.1.17	
11	25.1.17	A		Fatty acids - - Definition, classification - . Saturated, unsaturated and unusual fatty acids. - Essential Fatty acids.	25.1.17	
12	31.1.17	C		Functions and Physiological role - Triacylglycerol.	27.1.17	Day over? changed on
13	6.2.17	A		Physical and chemical properties - Acid number, Iodine number	28.1.17	by <del>faculty</del> included by Principal
14	8.2.17	C		Saponification number and R.M. value	31.1.17	
15	13.2.17	A		Phospholipids - lecithin, cephalin - Functions - Spingophospholipid	6.2.17	
16	15.2.17	C		Glycolipid. Cholesterol - structure, colour reaction,	8.2.17	
17	26.2.17	A		biochemical function and biological importance of lipids	13.2.17	
18	23.2.17	C		Revision	15.2.17	
19	1.3.17	A	III	UNIT III - METABOLISM OF AMINO ACID General breakdown of proteins - deamination,	21.2.17	
20	3.3.17	C		transamination, decarboxylation	23.2.17	
21	9.3.17	A		Urea cycle	1.3.17	
22	11.3.17	C		Metabolism of tryptophan - Kynurenine pathway	3.3.17	

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Sl. No	Actual Date	Order	Unit	Topics Planned	Date-Topics Covered on	Remarks
23	16.3.17	A		Serotonin pathway -	16.3.17	
24	20.3.17	C		Melatonin - Serotonin - functions	20.3.17	
25	24.3.17	A		Revision	24.3.17	
26	28.3.17	C		Revision	28.3.17	
27	4.4.17	A		Revision	4.4.17	
28	6.4.17	C	IV	UNIT IV - METABOLISM OF LIPIDS Source of body fat - fatty acid oxidation - $\beta$ oxidation -	6.4.17	
29	12.4.17	A		Source of CoA - Ketone bodies -	12.4.17	
30	18.4.17			Ketogenesis - Utilization - overproduction.	18.4.17	

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Signature of the Faculty

*M. I.*  
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# Sadakathullah Appa College

(AUTONOMOUS)

Rahmath-Nagar, Tirunelveli - 627 011.

## LESSON PLAN AND RECORD OF CLASSES ENGAGED

Class : I-UM

Academic Year : 2016 - 2017 Semester : II

Course : B.Sc

Title of the Paper : BIOCHEMISTRY

Subject Code : 150CH21

Theory / Practical

Name of the Teacher : Dr. D. SYED MOHAMED

Sl.No.	Date & Order	Unit	Topics planned	Covered on
1	7/12/16 - B	III	Metabolism of carbohydrates	7/12/16
2	19/12/16 - B		General breakdown of proteins	19/12/16
3	29/12/16 - B		const. decarboxylation - transamination	29/12/16
4	5/1/17 - B		decarboxylation - transamination	5/1/17
5	18/1/17 - B		urea cycle	18/1/17
6	30/1/17 - B		Metabolism of tryptophan - kynurenine pathway	30/1/17
7	7/2/17 - B		amtd - serotonin pathway	7/2/17
8	14/2/17 - B		Metabolism	14/2/17

Text books :

- 1.
- 2.

Reference books :

1. Biochemistry - Stryer & Berg
2. Biochemistry - Stryer.

Activity	Total Number	Topic I	Topic II	Topic III	Planned Date	Actual Date
Assignment	2	Urea cycle	Metabolism of tryptophan	Metabolism of tryptophan		
Internal Test		I <sup>st</sup> Test Portions	II <sup>nd</sup> Test Portions	III <sup>rd</sup> Test Portions		
		10/2	12/2	14/2		

A. Syed Mohamed  
Teacher's Signature

M. I. M.  
HOD Signature

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