

CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : II BSC Year : 2022-23 Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	August	1 st Week												
2.		2 nd Week												
3.		3 rd Week	03 02	Carboxylic acids Practicals	Functional gps	group discussion	Yes		visited city college	celebrations with students	center along			
4.		4 th Week	03 02	Carboxylic acids Synthesis of org Compounds	Fundament - all	Functional groups practice	Yes		visited AV college		for MOU			
5.		5 th Week												

V. Vijaya Lakshmi

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lalitha Department: chemistry Class : B.Sc II year Year : 2022-23 Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	September 22	1 st Week	03 02	RCOOH: Properties organic presn.	Student Seminar	Student seminar	yes			online Quiz conducted	on world ozone day (10 th September)			
2.		2 nd Week	03 02	Reactions of RCOOH Acetyl ⁿ presn.	Writing Equations.					Extension lecture				
3.		3 rd Week	03 02	Derivatives of RCOOH Azo-B-naphthol presn.		group discussion	yes.			Extension lecture arranged on Ozone layer depletion				
4.		4 th Week	03 02	Amide: Hydrolysis organic presn.	Functional groups.									
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lalakshmi Department: Chemistry Class : B.Sc II year Year : 2022-23 Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	October 22	1 st Week			Vacation									
2.		2 nd Week	03 02	Nitro Hydrocarbon Introduction Preparation	Nitration Definition	Group discussion about Functional groups	Yes		planned	for	field trip			
3.		3 rd Week	03 02	Nitrohydrocarbon Preparation Prep of org comp	General Formulas									
4.		4 th Week	03 02	Properties of Nitro hydrocarbon Prep of Comp.	Functional groups	Structures	writing Yes		planned	for	workshop to I year students			
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc. Iyr Year : 2022-23 Paper : 1

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	November 22	1 st Week	03 02	Amines : Introd. - uction pren of org. comp	Fundamentals	shedat	seminar	ye						
2.		2 nd Week	03 02	Amines : pren methods. pren of org comp	Functional groups					Field trip	to	CIPEP,	Hyd.	
3.		3 rd Week	03 02	Amines : properties Org. comp pren	Equations practicing	Assignment	on	Named ye						
4.		4 th Week	03 02	Aromatic Amines Introduction organic pren	General Formulae									
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lalshmi Department: Chemistry Class : B.Sc 1st year Year : 2022-23 Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	December 22	1 st Week	03 02	Aromatic Amines properties preparation of org comp	Structure writing									
2.		2 nd Week	03 02	Alkyl cyanides compound preparation	Functional groups									
3.		3 rd Week	03 02	Iso cyanides: preparation organic preparation										
4.		4 th Week												
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc III year Year : 2022-23 Paper : 37

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	August 22	1 st Week											
2.		2 nd Week											
3.		3 rd Week	06 06	Solvent extraction physical chemistry Practicals.	Introduction	Group discussion	yes						
4.		4 th Week	06 06	Types of solvent extraction Benzene and benzene toluene etc.					visited city college				
5.		5 th Week											

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Laluhnu Department: Chemistry Class : B.Sc Tier Year : 2022-23 Paper : V

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	September 22 -	1 st Week	06 06	Batch extraction Distribution expt.	Analytical techniques	Shedule	Assignments	yes	Organized online day	online Quiz (world level)	Quiz (world level)	Quiz (world level)	Quiz (world level)	10 th sept)
2.		2 nd Week	06 06	Continuous extraction Distribution expt.	Handling Apparatus					Online Quiz	conducted			
3.		3 rd Week	06 06	Counter current extraction Distribution expt.	Definitions	Student seminar			Organized	Extension lecture / Guest lecture				on world ozone day . Dr. K. Shailaja Associate professor speaker
4.		4 th Week	06 06	Conclusions Distribution expt.										
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc Engg Year : 2022-23 Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	October 22	1 st Week											
2.		2 nd Week	06	Thinlayer chromatography			group discussion			planned for	field trip		
			06	Electrochemistry : cell const ⁿ									
3.		3 rd Week	06	Thinlayer chromatography									
			06	Cell constant determination									
4.		4 th Week	06	Paper chromatography			Quiz conducted			planned for	workshop		
			06	Cell const date ⁿ									
5.		5 th Week											


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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vejaya Lalukmi Department: Chemistry Class : B.Sc. IYr Year : 2022-23 Paper : D

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	November	1 st Week	06 06	Column chromatography conductivity expt -		Basics	discussion	yes	Attended "Forensic science & chemistry fest" at RBRR women's college along with students. Attended workshop on "Preparation of Herbal soap" at RBRR college.					
2.		2 nd Week	06 06	Column chromatography conductivity expt -		Industrial visit	visit		Field trip to CIPET (Central Institute of plastic Engineering & Technology) by students.					
3.		3 rd Week	06 06	Ion exchange chromatography colorimetry		Quiz programme		yes						
4.		4 th Week	06 06	Ion exchange chromatography colorimetry			organized workshop on "Awareness to handle chemicals glassware & Apparatus in the lab"		to handle chemicals to our students					
5.		5 th Week							& School student (event)					

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc III yr Year : 2022-23 Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	December 22.	1 st Week	06 06	Gas chromatography, Adsorption									
2.		2 nd Week	06 06	HPLC Chromatography Surface tension.									
3.		3 rd Week	06 06	Revision Viscosity.									
4.		4 th Week											
5.		5 th Week											


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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vejaya Lalitha

Department: Chemistry

Class : II BSc

2022-23

Year : II BSc Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.		1 st Week												
2.		2 nd Week												
3.	January 2023	3 rd Week	03 04	Carbohydrates Functional grp. Practicals.	Introduction	group discussion.	yes.		Group discussion.					
4.		4 th Week	03 04	Carbohydrates. Functional grp.					Interaction					
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi

Department: Chemistry

Class : BSc II Yr Year : IV Semester Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	February 2023	1 st Week	03 04	Carbohydrates. Give use straight practicals chain									
2.		2 nd Week	03 04	Fischer structures. Identification : Carbohydrate.									
3.		3 rd Week	03 04	Cellulose: cyclic structures Identification : Carbohydrate.									
4.		4 th Week	03 04	Cellulose: Haworth structures. Identification : Amines.									
5.		5 th Week											


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Name of the Lecturer : Dr. V. Vrijaya Lakshmi Department: chemistry Class : B.Sc Year : II yr Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	March 2023	1 st Week	03 04	Fructose : structure Amines : Identification										
2.		2 nd Week	03 04	Inter conversions : Carbohydrate Amines : Identification										
3.		3 rd Week	03 04	Amino acids : Introduction phenols : Identification										
4.		4 th Week	03 04	Amino acids : Prep, properties phenols : Identification										
5.		5 th Week												


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Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: chemistry Class : B.Sc Year : II Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	April 2023.	1 st Week	03 04	Amino acids : Identification	properties of organic compounds.								
2.		2 nd Week	03 04	Amino acids : Identification	proteins, peptides of org compounds.								
3.		3 rd Week	03 04	Heterocyclic compounds : Identification	Introduction of org compounds.								
4.		4 th Week	03 04	Heterocyclic compounds : Identification	Preparation of org compounds.								
5.		5 th Week											

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc Year : II Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	May 2023	1 st Week	03 04	Heterocyclic compounds' properties - Identification of org compounds -		Group	discussion							
2.		2 nd Week	03 04	Revision . Revision .										
3.		3 rd Week	03 04	Revision Revision										
4.		4 th Week												
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc Year : III Paper : VI

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.		1 st Week											
2.		2 nd Week											
3.	January 2023	3 rd Week	06 06	Synthesis of Drugs physical chemistry expt.									
4.		4 th Week	06 06	Synthesis of Drugs physical chemistry expt.									
5.		5 th Week											


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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc Year : II Paper : IV

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	February 2023	1 st Week	06 06	Synthesis of Drugs physical chemistry expt										
2.		2 nd Week	06 06	Synthesis of Drugs physical chemistry expt										
3.		3 rd Week	06 06	Synthesis of Drugs physical chemistry expt										
4.		4 th Week	06 06	Synthesis of Drugs physical chemistry expt										
5.		5 th Week												

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Lakshmi

Department: Chemistry Class : B.Sc

Year : 10

Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	March 2023	1 st Week	06 06	Drugs: Introduction Physical Chemistry expt									
2.		2 nd Week	06 06	Drugs: Terminology physical chemistry expt		organized	Field trip to open day	ICT on the occasion of (one week - one Lab programme)					
3.		3 rd Week	06 06	Drugs: Nomenclature physical chemistry expt.									
4.		4 th Week	06 06	Drugs: classification of Drugs ADME physical chemistry expt.		organized ppt competition & organized	Quiz competitions (Intercollege)	on waste conservation & management by inviting Dr. Pandith Madhure					
5.		5 th Week				Director, day	ICT CID on the occasion of world water						

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CURRICULAR PLAN

Name of the Lecturer : Dr. V. Vijaya Laxshmi Department: Chemistry Class : B.Sc Year : VI Paper : VI

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date	
1.	April 2023	1 st Week	06 06	Molecular messengers. physical chemistry expt					organized	Guest	lecture	with		
2.		2 nd Week	06 06	Hormones : Introduction, synthesis. physical chemistry expt					student seminar conducted (by Adarsh)					
3.		3 rd Week	06 06	Hormones : synthesis. physical chemistry expt										
4.		4 th Week	06 06	Vitamins : structure, synthesis physical chemistry expt										
5.		5 th Week												



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Name of the Lecturer : Dr. V. Vijaya Lakshmi Department: Chemistry Class : B.Sc Year : III Paper : III

S.No.	Month	Week	Hours available	Syllabus Topic	Additional Input/Value Addition	Curricular Activity				Co-Curricular Activity			
						Activity	Hours Allotted	Whether Conducted	If not, alternate date	Activity	Hours Allotted	Whether Conducted	If not, alternate date
1.	May 2023	1 st Week	06 06	Micronutrients : Introduction Physical Chemistry expt									
2.		2 nd Week	06 06	Revision — Revision —									
3.		3 rd Week	06 06	Revision — Revision —									
4.		4 th Week											
5.		5 th Week											

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