

J.J. College of Arts and Science (Autonomous)
J.J. Nagar, Sivapuram Post, Pudukkottai

Details of ICT Enabled Teaching Resources

Department : Chemistry Academic Year : 2021 - 2022
 Name of the Staff : Dr. C. Muthukumar Semester : ODD & EVEN

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
01	10/7/21	III BSc	Basic Concepts of Biochemistry	Biological Significance of Carbohydrate	PPT
02	19/7/21	"	"	Occurrence of Carbohydrates	YouTube
03	05/8/21	"	"	Mono saccharides	YouTube
04	16/8/21	"	"	Ring Structure of Glucose	e-pathsala
05	19/8/21	"	"	Mutarotation	PPT
06	01/09/21	"	"	Glycosides	PPT
07	09/9/21	"	"	Disaccharides	PPT
08	11/10/21	"	"	Polysaccharides	YouTube
09	29/12/21	"	"	Starch	PPT
10	22/2/22	II MSc	Instrumental methods of Analysis	Paper chromatography	YouTube
11	24/2/22	"	"	TLC	YouTube
12	28/2/22	"	"	Column Chromatography	e-pathsala

(Signature)
 Signature of the Staff 19/5/22

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 Head of the Department 19/5/22

(Signature)
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Details of ICT Enabled Teaching Resources

Department : CHEMISTRY

Academic Year : 2021 - 2022

Name of the Staff : DR. R. SIVAKUMAR

Semester : ODD, EVEN

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	30.7.2021	B.Sc CHEMISTRY	General chemistry-II	Hydrogen bonding	PPT
2.	7.9.2021	B.Sc CHEMISTRY	General chemistry-II	classification of elements	e content from you tube
3.	21.10.2021	B.Sc CHEMISTRY	General chemistry-II	Imperfection in solids	PPT
4.	19.11.2021	B.Sc CHEMISTRY	General chemistry-II	B-Extraction	PPT
5.	17.12.2021	B.Sc CHEMISTRY	General chemistry	Basic Acid	PPT
6.	2.7.2022	B.Sc CHEMISTRY	Inorganic chemistry	Coordination compounds	e content from you tube
7.	6.7.2021	B.Sc CHEMISTRY	Inorganic chemistry	Isomerism	PPT
8.	31.8.2021	B.Sc CHEMISTRY	Inorganic chemistry	Mechanism in Oh complex	PPT
9.	21.9.2021	B.Sc CHEMISTRY	Inorganic chemistry	Trans effect	PPT
10.	4.10.2021	B.Sc CHEMISTRY	Inorganic chemistry	Theory of coordination compounds	e content from you tube
11.	18.10.2021	B.Sc CHEMISTRY	Inorganic chemistry	solvent extraction	PPT
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R. Sivakumar
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Department : CHEMISTRY

Academic Year : 2021 - 2022

Name of the Staff : DR. R. SIVAKUMAR

Semester : ODD, EVEN

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	22.2.2022	BSc CHEMISTRY	General chemistry-II	Theory of acid base	PPT
2.	10.3.2022	B.sc CHEMISTRY	General chemistry-II	HSAB principle	PPT
4.	18.4.2022	B.sc CHEMISTRY	General chemistry-II	Redox Titration	PPT
5.	2.3.22	M.sc CHEMISTRY	organic chemistry II	S _N 1 mechanism	PPT
6.	18.4.22	M.sc CHEMISTRY	organic chemistry -II	Elimination Reaction	PPT

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D. Muthukumar 19/5/22
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G. Parasuraman
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Details of ICT Enabled Teaching Resources

Department : CHEMISTRY.

Academic Year : 2021 - 2022

Name of the Staff : S. KALAVANI.

Semester : II, III, IV, VI.

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	3.8.21	II M.Sc chemistry	Natural Product	General properties of terpenes	Youtube.
2.	3.9.21.	II M.Sc chemistry	Natural Product	phenyl transference by terpene synthase reaction	PPT.
3.	6.9.21.	II M.Sc chemistry	Natural Product	Biosynthesis of Steroids	Youtube.
4.	4.1.21.	I M.Sc chemistry	Bioorganic Chemistry	classification of Amino acid	PPT
5.	12.7.21.	III B.Sc Chemistry	Agricultural Chemistry	Physical properties of soil.	Youtube.
6.	3.9.21.	III B.Sc Chemistry	Agricultural Chemistry	Nitrate fertilizers	EPI Pathshala
7.	22.3.22	III B.Sc Chemistry	Physical Chemistry - II	Point group	PPT.
8.	9.5.22.	III B.Sc Chemistry	Physical Chemistry - II	Phase rule.	Youtube.
9.	3.3.22.	I M.Sc chemistry	Industrial chemistry.	Saponification value.	Swayam
10.	8.4.22.	I M.Sc chemistry	Industrial chemistry	petroleum	PPT.
11.	5.5.22.	I M.Sc chemistry	Industrial chemistry.	Dyes	EPI Pathshala.
12.	23.2.22.	II M.Sc chemistry	Instrumental methods of analysis	TGA principle.	PPT.

S. Kalavani
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Details of ICT Enabled Teaching Resources

Department : CHEMISTRY

Academic Year : 2021 - 2022

Name of the Staff : K. KALAI CHELVI

Semester : ODD, EVEN

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
	3.7.21	III B.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	CARBOXYLIC ACIDS	YOU TUBE
	27.7.21	III B.Sc	ORGANIC CHEMISTRY-I	NITRO COMPOUNDS	YOU TUBE
	7.9.21	III B.Sc	ORGANIC CHEMISTRY-I	REDUCTION REACTIONS	E-CONTENT
	9.9.21	III B.Sc	ORGANIC CHEMISTRY-I	HALOFORM REACTION	EPJ PADASALAI
	3.9.21	II M.Sc	PHYSICAL METHODS IN CHEMISTRY-II	TERM, STATES AND TERM SYMBOLS	YOU TUBE
	14.9.21	II M.Sc	PHYSICAL METHODS IN CHEMISTRY-II	TERM SYMBOL FOR P2- SYSTEM	PPT
	16.3.22	III B.Sc	ANALYTICAL CHEMISTRY	TYPES OF ERRORS	PPT
	28.4.22	III B.Sc	ANALYTICAL CHEMISTRY	THERMO ANALYTICAL TECHNIQUES	PPT
	10.5.22	III B.Sc	ANALYTICAL CHEMISTRY	COLUMN CHROMATOGRAPHY	PPT
	12.5.22	III B.Sc	ANALYTICAL CHEMISTRY	PAPER CHROMATOGRAPHY	PPT
	22.3.22	II M.Sc	PHYSICAL METHODS IN CHEMISTRY-I	IR-INSTRUMENTATION AND SAMPLE HANDLING	PPT
	7.4.22	II M.Sc	PHYSICAL METHODS IN CHEMISTRY-I	MULTIPLICITY AND COUPLING CONSTANT	PPT

K. Kalai
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C. Muthukumar 09/5/22
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P. Parasuraman
Principal

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Details of ICT Enabled Teaching Resources

Department : CHEMISTRY
 Name of the Staff : KR. ULATHI

Academic Year : 2021 - 2022
 Semester : III, IV, V, VI

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	3.10.21	II B.Sc Chemistry	General Chemistry-IV	Preparation of Ammonia	ppt
2.	25.10.21	II B.Sc Chemistry	General Chemistry-IV	Preparation of Sulphur oxides	ppt
3.	12.7.21	I M.Sc Chemistry	Inorganic Chemistry-I	Debye-Huckel Onsager Theory	YouTube
4.	21.10.21	III B.Sc Chemistry	Physical Chemistry-I	Collision theory	You tube
5.	23.10.21	III B.Sc Chemistry	Physical Chemistry-I	Transition State theory	EPJ pathshala
6.	22.3.22	II B.Sc Chemistry	General Chemistry-IV	Anomalous behaviour of halogen	You tube
7.	1.3.22	III B.Sc Chemistry	Industrial Chemistry	Types of glass	EPJ pathshala
8.	10.3.22	III B.Sc Chemistry	Industrial Chemistry	Manufacture of water gas	Swayam
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Details of ICT Enabled Teaching Resources

Department : Chemistry

Academic Year : 2021 - 2022

Name of the Staff : Dr. P. Jeyajeyaraman.

Semester : III, V, VI

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
01	7.9.21	III-B.Sc	Polymer (Co-copoly) Chemistry	copolymerization	PPT
02	14.9.21	"	polymer chemistry	cationic polymerization	PPT
03	28.10.21	"	"	Transfer moulding	youtube
04	2.11.21	"	"	Vulcanization	PPT
05	2.8.21	II-M.Sc	physical chemistry	Hydrogen spectrum	youtube
06	14.9.21	"	"	De-broglie	PPT
07	16.9.21	"	"	Electrophoresis	Swayam.
08	1.3.22	IV-B.Sc	Organic chemistry-II	SN reaction	PPT
09	7.4.22	"	"	Stereo mechanism of S_N1 , S_N2	PPT

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Department : CHEMISTRY

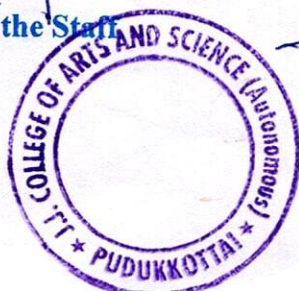
Academic Year : 2021 - 2022

Name of the Staff : P.SANTHIYA PRIYA

Semester : odd - even

Sl. No.	Date	Class	Course Title	Topic	Type of ICT Tool(s) used
1.	1.11.21	II-B.Sc	General chemistry -IV	stereo isomerism	you tube
2.	20.11.21	I-B.Sc	Allied chemistry -II	chemical bonding	EPJ-PADASALA
3.	2.12.21	I-B.Sc	Allied chemistry -I	Colloids	E-Content
4.	13.12.21	I-B.Sc	Allied chemistry -I	catalysts	PPT
5.	22.2.22	I-B.Sc	Allied chemistry-III	chromatography	you tube
6.	23.2.22	II-B.Sc	Allied chemistry-III	chemical kinetics.	EPJ PADASALA
7.	25.3.22	II-B.Sc	chemistry in everyday life	Soap	E-Content
8.	6.4.22	I-B.Sc	Allied chemistry-III	Carbohydrate	PPT

P. Santhiya Priya
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Dr. C. Muthukumar
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