

J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
SIVAPURAM POST, PUDUKKOTTAI-622 422

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: 2020-2021
Name of the Staff: DR. C. MUTHU KUMAR	Semester: V

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	22.08.2020 CLASSIFICATION OF CARBOHYDRATES	PPT
2.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	10.09.2020 BIOLOGICAL FUNCTIONS OF CARBOHYDRATES	PPT
3.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	9.12.2020 DISACCHARIDES	PPT
4.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	4.8.2021 STARCH	PPT
5.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	15.9.2021 PROTEINS-INTRODUCTION	PPT
6.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	10.11.2021 GENERAL PROPERTIES OF PROTEINS	PPT
7.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	12.11.2021 CLASSIFICATIONS OF PROTEINS	PPT
8.	^{III} B.Sc CHEMISTRY	BASIC CONCEPT OF BIOCHEMISTRY	19.11.2021 HYDROLYSIS OF PROTEINS	PPT

(Signature)
Signature of the Staff
Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422

(Signature)
Head of the Department
Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422

(Signature)
Principal
Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post,
PUDUKKOTTAI-622 422

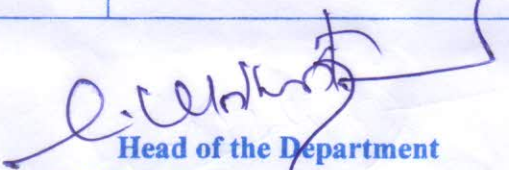



DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: 2020-2021
Name of the Staff: DR. R. SIVAKUMAR	Semester: I, II

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	B.Sc CHEMISTRY	General chemistry-I	15.09.2020 Quantum Numbers	PPT
2.	B.Sc CHEMISTRY	General chemistry-I	28.09.2020 Shapes of orbitals	PPT
3.	B.Sc CHEMISTRY	General chemistry-I	12.10.2020 Periodicity properties	PPT
4.	B.Sc CHEMISTRY	General chemistry-I	21.10.2020 Ionic bond	PPT
5.	B.Sc CHEMISTRY	General chemistry-I	6.11.2020 Covalent bond	PPT
6.	B.Sc CHEMISTRY	General chemistry-II	20.11.2020 IUPAC Nomenclature	PPT
7.	B.Sc CHEMISTRY	General chemistry-II	15.12.2020 Hybridisation	PPT
8.	B.Sc CHEMISTRY	General chemistry-II	24.12.2020 Reaction intermediates	PPT
9.	B.Sc CHEMISTRY	General chemistry-II	26.01.2021 Metal carbonyls	PPT
10.	B.Sc CHEMISTRY	General chemistry-II	6.9.2021 Acid and Base	PPT
11.	B.Sc CHEMISTRY	General chemistry-II	09.09.2021 Titrmetry Analysis	PPT

R. Sivakumar
Signature of the Staff


Head of the Department
Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422


Principal
Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J.N. Post, Sivapuram Post,
PUDUKKOTTAI-622 422



DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: <u>Chemistry</u>	Academic Year: <u>June-2020</u> <u>Dec-2021</u>
Name of the Staff: <u>S. Kalaivani</u>	Semester: <u>I-VI</u>

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	<u>III</u> B.Sc.	<u>Agricultural Chemistry</u>	<u>22.08.2020/</u> <u>Origin of Soil.</u>	<u>PPT</u>
2.	<u>I</u> M.Sc.	<u>Bio-organic Chemistry</u>	<u>27.11.2020/</u> <u>Basic Structure of Collagen.</u>	<u>PPT</u>
3.	<u>II</u> M.Sc.	<u>Natural Product Chemistry</u>	<u>22.06.2020/</u> <u>General methods for structure determination of alkaloid.</u>	<u>PPT</u>
4.	<u>III</u> B.Sc.	<u>Organic Chemistry-II</u>	<u>20.01.2021.</u> <u>Introduction/UV Spectroscopy</u>	<u>PPT</u>
5.	<u>I</u> M.Sc.	<u>Industrial Chemistry</u>	<u>19.02.2021.</u> <u>Manufacture of soap</u>	<u>PPT</u>
6.	<u>II</u> M.Sc.	<u>Instrumental methods for analysis.</u>	<u>06.01.2021.</u> <u>Introduction about thermo gravimetric analysis.</u>	<u>PPT</u>
7.	<u>III</u> B.Sc.	<u>Agricultural Chemistry</u>	<u>11.9.2021.</u> <u>Introduction/ Fertilizers.</u>	<u>PPT</u>
8.	<u>I</u> M.Sc.	<u>Bio-organic Chemistry</u>	<u>1.11.2021.</u> <u>Structure of proteins.</u>	<u>PPT</u>
9.	<u>II</u> M.Sc.	<u>Natural Product Chemistry</u>	<u>06.9.2021.</u> <u>Introduction/ Terpenoids.</u>	<u>PPT</u>
10.	<u>I</u> M.Sc.	<u>Bio-organic Chemistry</u>	<u>12.11.2021.</u> <u>Classification of Amino acid.</u>	<u>PPT</u>

S. Kalaivani
Signature of the Staff

S. Kalaivani
Head of the Department
Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422

G. Parashuraman
Principal

Dr.J.PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post, -6,
PUDUKKOTTAI-622 422



DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: 2020-2021
Name of the Staff: K. KALAICHELVU	Semester: III, V

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	B.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	10.9.2020 NITRO COMPOUNDS	PPT
2.	B.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	21.9.2020 CARBOXYLIC ACIDS	PPT
3.	B.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	29.9.2020 CONDENSATION REACTIONS	PPT
4.	M.Sc CHEMISTRY	PHYSICAL METHODS IN CHEMISTRY-II	3.10.2020 NMR SPECTROSCOPY	PPT
5.	M.Sc CHEMISTRY	PHYSICAL METHODS IN CHEMISTRY-II	8.10.2020 COMBINED USES OF IR AND RAMAN	PPT
6.	M.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	9.12.2020 APPLICATIONS OF IR	PPT
7.	B.Sc CHEMISTRY	ANALYTICAL CHEMISTRY	11.1.2021 CHROMATOGRAPHY	PPT
8.	B.Sc CHEMISTRY	ANALYTICAL CHEMISTRY	10.2.2021 THERMO ANALYTICAL TECHNIQUES	PPT
9.	B.Sc CHEMISTRY	ANALYTICAL CHEMISTRY	5.3.2021 HANDLING OF CHEMICALS	PPT
10.	B.Sc CHEMISTRY	ORGANIC CHEMISTRY-I	2.7.2021 CARBOXYLIC ACID DERIVATIVES	PPT
11.	M.Sc CHEMISTRY	PHYSICAL METHODS IN CHEMISTRY-II	4.8.2021 FLUORINE NMR	PPT
12.	M.Sc CHEMISTRY	PHYSICAL METHODS IN CHEMISTRY-I	15.9.2021 PHOSPHOROUS NMR	PPT

K. Kalaichelvu
Signature of the Staff

[Signature]
Head of the Department

[Signature]
Principal

Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram P.O.,
PUDUKKOTTAI-622 422

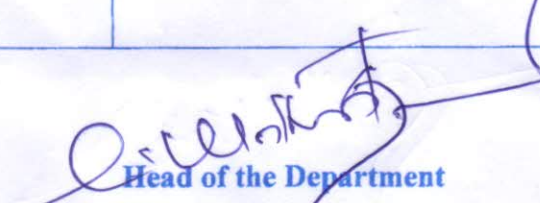


DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: 2020 - 2021
Name of the Staff: KR. ULAUTU	Semester: I, III, IV, V, VI

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	III-B.Sc	PHYSICAL CHEMISTRY-I	29.10.2020 G Conductometric Titrations	PPT
2.	II-B.Sc	GENERAL CHEMISTRY-IV	28.9.2020 G Industrial Preparation for Ammonia	PPT
3.	I-M.Sc	INORGANIC CHEMISTRY-I	19.11.2020 G VB THEORY and ITS LIMITATIONS	PPT
4.	II-B.Sc	GENERAL CHEMISTRY-IV	4.11.2020 G Oxy acids of phosphorous	PPT
5.	III-B.Sc	INDUSTRIAL CHEMISTRY	26.2.2021 G Types of glass	PPT
6.	II-B.Sc	GENERAL CHEMISTRY-IV	18.2.2021 G Preparation, properties and Structure of BrF ₃ , ClF ₃ .	PPT
7.	III-B.Sc	PHYSICAL CHEMISTRY-I	21.9.2021 G Determine by Hittorf's and moving Boundary Method.	PPT
8.	II-B.Sc	GENERAL CHEMISTRY-IV	17.9.2021 G Chemistry of Hydratine and Hydroxylamine	PPT
9.	I-M.Sc	INORGANIC CHEMISTRY-I	2.11.2021 G Limitations of CFT	PPT
10.	I-M.Sc	INORGANIC CHEMISTRY-I	19.11.2021 G Molecular orbital Theory for ligands	PPT


Signature of the Staff


Head of the Department
Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422


Principal

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. College of Arts and Science
Pudukkottai - 622 422

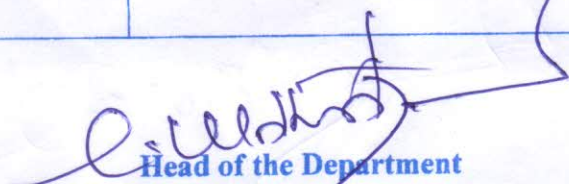


DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: 2020-2021
Name of the Staff: Dr. P. JEGAJEEVANRAM	Semester: III /IV/V

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
01	B.Sc (CHE)	General Chemistry	17. 09. 2020 (Alcohol)	PPT
02.	B.Sc (CHE)	polymer	24. 09. 2020 (Plastic)	PPT
03	M.Sc (CHE)	chemical kinetics	13. 10. 2020 (Langmuir isotherm)	PPT
04	B.Sc (CHE)	polymer	20. 10. 2020 (Type of polymers)	PPT
05	B.Sc (Hotel management)	Food and Nutrition	12. 11. 2020 (Food)	PPT
06	M.Sc (CHE)	chemical kinetics	19. 11. 2020 (Langmuir isotherm)	PPT
07	B.Sc (Hotel management)	Food and Nutrition	03. 12. 2020 (Vitamins)	PPT
08	M.Sc (CHE)	Chemical kinetics	10. 12. 2020 (Gibbs adsorption)	PPT
09	M.Sc (CHE)	Inorganic chemistry	19. 01. 2021 (18- Electron rule)	PPT
10	B.Sc (Hotel management)	Food and Nutrition	15. 09. 2021 (Fats and lipids)	PPT


Signature of the Staff


Head of the Department


Principal

Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A., M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post,
Pudukkottai-622 422

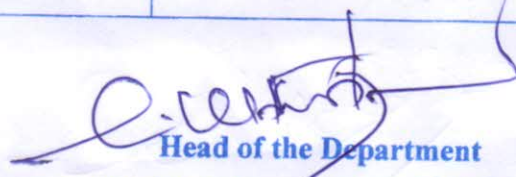


DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: CHEMISTRY	Academic Year: JUN 2020 - DEC 2021
Name of the Staff: DR. P. NITHYA	Semester: I, II, III & VI

S.No.	Programme	Course	Date and Topic	Type of Tool(s) used
1.	II M.Sc. CHEMISTRY	PHYSICAL CHEMISTRY-II	22.06.2020 CONCENTRATION CELLS	PPT
2.	III B.Sc. CHEMISTRY	ORGANIC CHEMISTRY-I	21.08.2020 CLASSIFICATION OF TERPENOIDS	PPT
3.	II B.Sc. PHYSICS	ALLIED CHEMISTRY-I	08.10.2020 PERIODIC PROPERTIES	PPT
4.	I M.Sc. CHEMISTRY	ORGANIC CHEMISTRY-II	27.01.2021 SUBSTITUTION REACTION- AN OVERVIEW	PPT
5.	I B.Sc. BOTANY	ALLIED CHEMISTRY-III	18.02.2021 TEST FOR PROTEINS	PPT
6.	I B.Sc. BIO-CHEMISTRY	ALLIED CHEMISTRY-III	10.03.2021 TYPES OF INDICATORS	PPT
7.	II M.Sc. CHEMISTRY	PHYSICAL CHEMISTRY-II	27.07.2021 NERNST HEAT THEOREM	PPT
8.	II B.Sc. PHYSICS	ALLIED CHEMISTRY-I	20.07.2021 FUEL GASES	PPT
9.	I M.Sc. CHEMISTRY	ORGANIC CHEMISTRY-I	10.11.2021 PHOTOCHEMICAL SUBSTITUTION REACTION- AN OVERVIEW	PPT

P. Nithya
Signature of the Staff


Head of the Department

Dr. C. MUTHUKUMAR, M.Sc., M.Phil., B.Ed., Ph.D.,
Head, Dept. of Chemistry
J.J. College of Arts & Science (Autonomous)
SIVAPURAM
PUDUKKOTTAI - 622 422.


Principal

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post,
PUDUKKOTTAI-622 422

