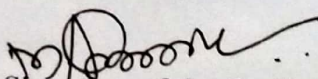
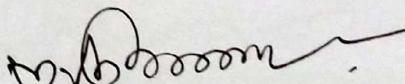


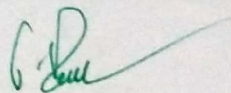
**J. J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
SIVAPURAM POST, PUDUKKOTTAI-622 422
PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: Dr. M. Arumugam			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Classification of algae by F.E. Fritsch, 1935	PPT
2	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Cell structure of prokaryotic and eukaryotic algae	YouTube
3	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	various habitats of algae	PPT
4	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Economic importance of algae.	YouTube
5	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Thallus organization of Algae	E- Padasalai
6	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	<i>Oscillatoria, Volvox.</i>	PPT
7	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Classification of Fungi by Alexopoulos 1979.	PPT
8	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	<i>Albugo, Puccinia.</i>	YouTube
9	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Characters, Type - <i>Usnea.</i>	PPT
10	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Terminologies in Plant Pathology	YouTube
11	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Fungal disease	PPT
12	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Bacterial disease	YouTube
13	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	Viral disease	E- Padasalai
14	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	<i>Riccia</i>	PPT
15	B.Sc. Botany	Algae, Fungi, Lichens, Plant Pathology And Bryophytes	<i>Polytrichum</i>	PPT


Signature of the Staff


Head of the Department


Principal



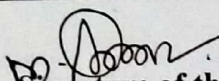
Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.
Assistant Professor & Head
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Sivapuram, Pudukkottai - 622 422
Tamil Nadu, India.

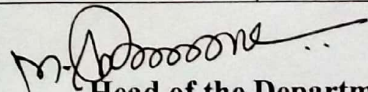
**Dr. J. Parasuraman, M.A., M.B.A., M.C.A.,
M.Phil., B.Ed., Ph.D.**
PRINCIPAL
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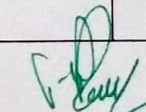
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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. M. Arumugam			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Cell Biology And Molecular Genetics	Prokaryotic and Eukaryotic cells	PPT
2	B.Sc. Botany	Cell Biology And Molecular Genetics	Plasma membrane	YouTube
3	B.Sc. Botany	Cell Biology And Molecular Genetics	Structure of Cellular Organelle	PPT
4	B.Sc. Botany	Cell Biology And Molecular Genetics	Endoplasmic Reticulum- Golgi complex, Lysosomes	YouTube
5	B.Sc. Botany	Cell Biology And Molecular Genetics	Structure of the chromosomes	E- Padasalai
6	B.Sc. Botany	Cell Biology And Molecular Genetics	Secondary constrictions	PPT
7	B.Sc. Botany	Cell Biology And Molecular Genetics	Chemical composition of Chromosomes and types	PPT
8	B.Sc. Botany	Cell Biology And Molecular Genetics	mitosis and meiosis	YouTube
9	B.Sc. Botany	Cell Biology And Molecular Genetics	Mendel's laws and principles	PPT
10	B.Sc. Botany	Cell Biology And Molecular Genetics	Multiple factor hypothesis	YouTube
11	B.Sc. Botany	Cell Biology And Molecular Genetics	complementary factor	PPT
12	B.Sc. Botany	Cell Biology And Molecular Genetics	Linkage and crossing over	YouTube
13	B.Sc. Botany	Cell Biology And Molecular Genetics	DNA replication	E- Padasalai
14	B.Sc. Botany	Cell Biology And Molecular Genetics	DNA repair mechanisms	PPT
15	B.Sc. Botany	Cell Biology And Molecular Genetics	Mutation rate and its role in evolution.	PPT


Signature of the Staff


Head of the Department


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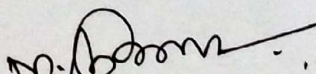
Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.
Assistant Professor & Head
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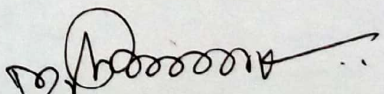
**Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
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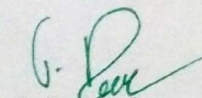
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SIVAPURAM POST, PUDUKKOTTAI-622 422
PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2021-2022	
Name of the Staff: Dr. M.Arumugam			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Cell Biologyand Molecular Genetics	Organization of Plant and Animal Cells	PPT
2	M.Sc. Botany	Cell Biologyand Molecular Genetics	Comparison of Microbial, Plant And Animal Cells.	YouTube
3	M.Sc. Botany	Cell Biologyand Molecular Genetics	Mycoplasma	PPT
4	M.Sc. Botany	Cell Biologyand Molecular Genetics	Plasma Membranes	YouTube
5	M.Sc. Botany	Cell Biologyand Molecular Genetics	Ultra Structure of Organelles	E- Padasalai
6	M.Sc. Botany	Cell Biologyand Molecular Genetics	Mitochondria, Ribosome,	PPT
7	M.Sc. Botany	Cell Biologyand Molecular Genetics	DNA – Denaturation and Renaturation	PPT
8	M.Sc. Botany	Cell Biologyand Molecular Genetics	DNA Replication	YouTube
9	M.Sc. Botany	Cell Biologyand Molecular Genetics	Molecular Organization	PPT
10	M.Sc. Botany	Cell Biologyand Molecular Genetics	Post Transcription Processing	YouTube
11	M.Sc. Botany	Cell Biologyand Molecular Genetics	Enzyme System in Transcription	PPT


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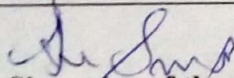
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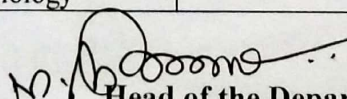


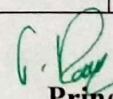
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 - 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Laws of thermodynamics	PPT
2	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Concept of Entropy and Enthalpy.	YouTube
3	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Energy transduction in Biological systems.	PPT
4	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Electromagnetic Spectrum.	You Tube
5	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Importance of buffers.	PPT
6	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	structure and properties of mono and disaccharides	You Tube
7	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Lipids: Classification	PPT
8	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Enzymes: Biocatalysts	You Tube
9	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Factors affecting the enzyme action.	You Tube
10	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Transport of minerals and water	PPT
11	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Diffusion and Osmosis - Osmotic pressure,	PPT
12	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Enzymes: Biocatalysts	You Tube
13	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Photosynthetic apparatus and pigment systems	You Tube
14	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	Oxygen evolving complex	PPT
15	B.Sc. Botany	Biophysics, Biochemistry And Plant Physiology	sources of nitrogen	Padasalai


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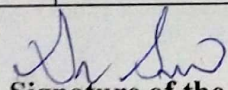
Dr. M. Anumugam, M.Sc. M.Phil., Ph.D.
Assistant Professor & Head
PG and Research Dept. of Botany
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Tamil Nadu, India.

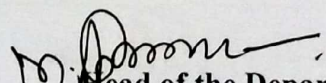
**Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
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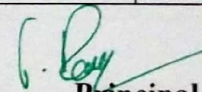
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 - 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Plant Biotechnology	History of Plant Biotechnology	PPT
2	B.Sc. Botany	Plant Biotechnology	Traditional And Modern. Biotechnology	YouTube
3	B.Sc. Botany	Plant Biotechnology	Global Impact And Current Excitement	PPT
4	B.Sc. Botany	Plant Biotechnology	Cloning Vectors – Puc, Pbr322 –	You Tube
5	B.Sc. Botany	Plant Biotechnology	Agrobacterium Based Vectors –	PPT
6	B.Sc. Botany	Plant Biotechnology	Binary And Cointegrated Vectors	You Tube
7	B.Sc. Botany	Plant Biotechnology	Herbicide And Antibiotic Resistance Markers.	PPT
8	B.Sc. Botany	Plant Biotechnology	Isolation of RNA	You Tube
9	B.Sc. Botany	Plant Biotechnology	Restriction Enzymes	You Tube
10	B.Sc. Botany	Plant Biotechnology	Exonucleases And Endonucleases	PPT
11	B.Sc. Botany	Plant Biotechnology	Plant Genome Organization	PPT
12	B.Sc. Botany	Plant Biotechnology	Physical Nature of Gene –	You Tube
13	B.Sc. Botany	Plant Biotechnology	Applications In Modern Biotechnology.	You Tube
14	B.Sc. Botany	Plant Biotechnology	Transcriptional Gene Silencing	PPT
15	B.Sc. Botany	Plant Biotechnology	Flower Colour Modulations With Rnai	Padasalai


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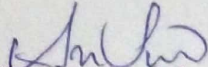
Dr. M. Aumugam, M.Sc. M.Phil., Ph.D.
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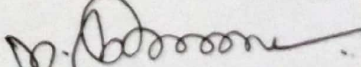
Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
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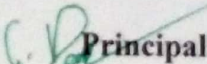
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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 - 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Mushroom Technology	History of mushroom cultivation	PPT
2	B.Sc. Botany	Mushroom Technology	Classification and distribution of mushroom	YouTube
3	B.Sc. Botany	Mushroom Technology	life cycle of mushroom	PPT
4	B.Sc. Botany	Mushroom Technology	Identification of poisonous mushrooms	You Tube
5	B.Sc. Botany	Mushroom Technology	Isolation of pure culture	PPT
6	B.Sc. Botany	Mushroom Technology	Nutrient media for pure culture	You Tube
7	B.Sc. Botany	Mushroom Technology	preparation of mother spawn and multiplication.	PPT
8	B.Sc. Botany	Mushroom Technology	Cultivation of mushroom	You Tube
9	B.Sc. Botany	Mushroom Technology	Types of raw material	You Tube
10	B.Sc. Botany	Mushroom Technology	preparation and sterilization	PPT
11	B.Sc. Botany	Mushroom Technology	Mushroom bed preparation	PPT
12	B.Sc. Botany	Mushroom Technology	maintenance of mushroom shed	You Tube
13	B.Sc. Botany	Mushroom Technology	preservation of mushrooms	You Tube
14	B.Sc. Botany	Mushroom Technology	Nutrient values of mushroom	PPT
15	B.Sc. Botany	Mushroom Technology	preparation of various dishes from mushroom	Padasalai


Signature of the Staff


Head of the Department


Principal



Dr. M. Anandaraman, M.Sc. M.Phil., Ph.D.
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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020-2021	
Name of the Staff: Dr. P.Raja			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Concept of Totipotency.	PPT
2	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Structure And Function Of Simple Tissue (Parenchyma, Collenchyma.	PPT
3	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Structure Of Stem In Dicotyledons And Monocotyledons.	YouTube
4	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Complex Tissues	PPT
5	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Primary And Secondary Structure of Stem In Dicotyledons	YouTube
6	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Nodal Anatomy	E-Padasalai
7	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Leaf Anatomy of Monocot And Dicot	PPT
8	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Secondary Structure of Dicotyledonous	PPT
9	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Anomalous Secondary Growth	YouTube
10	B.Sc. Botany	Anatomy And Embryology Of Angiosperms	Wood Anatomy	PPT

[Signature]
Signature of the Staff

Dr. P. RAJA, M.Sc., Ph.D.,
Assistant Professor,
Department of Botany,
J.J. College of Arts & Science (Autonomous),
Pudukkottai - 622 422.



[Signature]
Head of the Department

Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.
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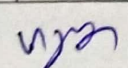
[Signature]
Principal

Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.,
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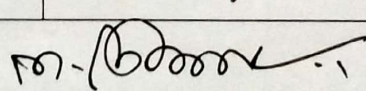
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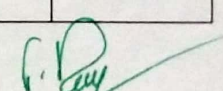
Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: Dr. P.Raja			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Root And Its Modifications	PPT
2	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Stem And Its Modification	PPT
3	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Inflorescence Types	YouTube
4	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Description of Floral Parts	PPT
5	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Outline Classification of Fruits.	YouTube
6	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Types And System of Classification	E-Padasalai
7	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	International Code For The Nomenclature of Algae	PPT
8	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Preparation And Management of Herbarium	PPT
9	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Taxonomy In Relation To Cytology	YouTube
10	B.Sc. Botany	Morphology, Taxonomy Of Angiosperms And Economic Botany	Taxonomy In Relation To Phytochemistry	PPT


Signature of the Staff

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Assistant Professor,
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Principal

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: Ms. K. Thamarachelvi			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Ecology And Phytogeography	Concepts And Dynamics of Ecosystems	PPT
2	B.Sc. Botany	Ecology And Phytogeography	Types Of Ecosystem	YouTube
3	B.Sc. Botany	Ecology And Phytogeography	Ecological Amplitude of A Species And Adaptation	PPT
4	B.Sc. Botany	Ecology And Phytogeography	Ecads, Ecotypes, Ecospecies	YouTube
5	B.Sc. Botany	Ecology And Phytogeography	Environmental Pollution – Air, Water	E- Padasalai
6	B.Sc. Botany	Ecology And Phytogeography	Cumulative Effect of Pollution On Global Environment	PPT
7	B.Sc. Botany	Ecology And Phytogeography	Green House Effect And Ozone Depletion	PPT
8	B.Sc. Botany	Ecology And Phytogeography	Sources And Characteristics of Wastes	YouTube
9	B.Sc. Botany	Ecology And Phytogeography	Effect Of Waste On Receiving Bodies And Its Treatment	PPT
10	B.Sc. Botany	Ecology And Phytogeography	Phytogeography	YouTube
11	B.Sc. Botany	Ecology And Phytogeography	Types Of Forests, Range	PPT
12	B.Sc. Botany	Ecology And Phytogeography	Introduction To Remote Sensing	YouTube
13	B.Sc. Botany	Ecology And Phytogeography	Forest Products: Major And Minor Products	E- Padasalai
14	B.Sc. Botany	Ecology And Phytogeography	Influence Of Forests On Environment	PPT
15	B.Sc. Botany	Ecology And Phytogeography	Special Reference To Tamil Nadu	PPT

K. Thachel
Signature of the Staff

M. Arumugam

Head of the Department

V. Parasuraman
Principal



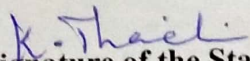
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Tamil Nadu, India.

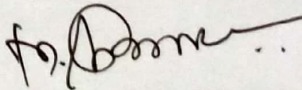
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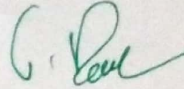
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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: <u>Mg. K. Thamarachelvi</u>			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Bio-Fertilizer Production and Applications	Introduction To Biofertilizers	PPT
2	B.Sc. Botany	Bio-Fertilizer Production and Applications	Microbes Used As Bio-Fertilizer	YouTube
3	B.Sc. Botany	Bio-Fertilizer Production and Applications	Symbiotic N ₂ Fixers	PPT
4	B.Sc. Botany	Bio-Fertilizer Production and Applications	Rhizobium	YouTube
5	B.Sc. Botany	Bio-Fertilizer Production and Applications	Symbiotic N ₂ Fixers	E- Padasalai
6	B.Sc. Botany	Bio-Fertilizer Production and Applications	Identification Large Scale Production	PPT
7	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Cyanobacteria And Azolla</i>	PPT
8	B.Sc. Botany	Bio-Fertilizer Production and Applications	Isolation And Characterization Of Frankia	YouTube
9	B.Sc. Botany	Bio-Fertilizer Production and Applications	Actinorhizal Nodules	PPT
10	B.Sc. Botany	Bio-Fertilizer Production and Applications	Non-Leguminous Crop Symbiosis.	YouTube
11	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Azospirillum and Azotobacter</i>	PPT


Signature of the Staff


Head of the Department


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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: Ms. K. Thamarachelvi			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Bio-Fertilizer Production and Applications	Introduction To Biofertilizers	PPT
2	B.Sc. Botany	Bio-Fertilizer Production and Applications	Microbes Used As Bio-Fertilizer	YouTube
3	B.Sc. Botany	Bio-Fertilizer Production and Applications	Symbiotic N ₂ Fixers	PPT
4	B.Sc. Botany	Bio-Fertilizer Production and Applications	Rhizobium	YouTube
5	B.Sc. Botany	Bio-Fertilizer Production and Applications	Symbiotic N ₂ Fixers	E- Padasalai
6	B.Sc. Botany	Bio-Fertilizer Production and Applications	Identification Large Scale Production	PPT
7	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Cyanobacteria And Azolla</i>	PPT
8	B.Sc. Botany	Bio-Fertilizer Production and Applications	Isolation And Characterization Of Frankia	YouTube
9	B.Sc. Botany	Bio-Fertilizer Production and Applications	Actinorhizal Nodules	PPT
10	B.Sc. Botany	Bio-Fertilizer Production and Applications	Non-Leguminous Crop Symbiosis.	YouTube
11	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Azospirillum and Azotobacter</i>	PPT

K. Thamel
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M. A. Aumugam
Head of the Department

J. Parasuraman
Principal



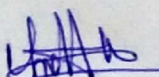
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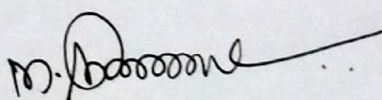
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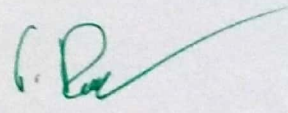
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020 – 2021	
Name of the Staff: Dr. J. Mohammed Hussain			Semester: Odd & Even Semester	
Sl.No.	Programme	Course	Topic	Type of Tool(s) used
1	B.Sc. Botany	Bio-Fertilizer Production and Applications	Isolation And Characterization of Frankia	PPT
2	B.Sc. Botany	Bio-Fertilizer Production and Applications	Actinorhizal Nodules	YouTube
3	B.Sc. Botany	Bio-Fertilizer Production and Applications	Non-Leguminous Crop Symbiosis.	PPT
4	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Azospirillum</i> And <i>Azotobacter</i>	YouTube
5	B.Sc. Botany	Bio-Fertilizer Production and Applications	<i>Bacillus Firmus</i> and <i>Pseudomonas</i>	E- Padasalai
6	B.Sc. Botany	Bio-Fertilizer Production and Applications	Phosphate Solublization Mechanism	PPT
7	B.Sc. Botany	Bio-Fertilizer Production and Applications	Mycorrhizal Biofertilizers	PPT
8	B.Sc. Botany	Bio-Fertilizer Production and Applications	Field Application of Ecto And Endo Mycorrhizae	YouTube
9	B.Sc. Botany	Bio-Fertilizer Production and Applications	Isolation And Characterization Of Frankia	PPT
10	B.Sc. Botany	Bio-Fertilizer Production and Applications	Actinorhizal Nodules	YouTube


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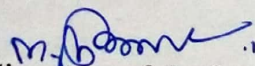
Dr. M. Anumugam, M.Sc. M.Phil., Ph.D.
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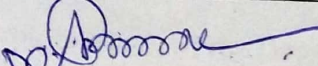
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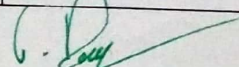
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. M.Arumugam			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Structure of Prokaryotic And Eukaryotic Algae.	PPT
2	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Algae - Cell Wall, Flagella	YouTube
3	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Classification of Algae By Fritsch (1935)	PPT
4	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Bacillariophyceae,	YouTube
5	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Cryptophyceae,	E- Padasalai
6	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Dinophyceae	PPT
7	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Isolation And Culture Of Algae.	PPT
8	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Economic Importance of Algae	YouTube
9	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Fresh Water Algae	PPT
10	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Thallus Organization of Lichen	YouTube
11	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Reproduction of Lichen	PPT
12	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Structure And Life Cycle of <i>Parmelia</i>	YouTube
13	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Structure And Life Cycle of <i>Usnea</i>	E- Padasalai
14	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Evolution of Gametophytes	PPT
15	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Evolution of Sporophytes	PPT


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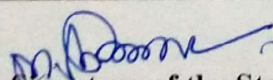
Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.
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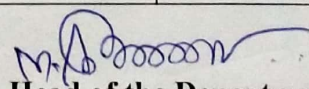
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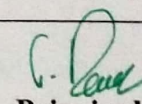
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PG AND RESEARCH DEPARTMENT OF BOTANY**

DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. M.Arumugam			Semester: Odd & Even Semester	
1	M.Sc. Botany	Plant Biotechnology	Scope And Importance of Plant Biotechnology	YouTube
2	M.Sc. Botany	Plant Biotechnology	Types of Nutrient Media	PPT
3	M.Sc. Botany	Plant Biotechnology	Direct And Indirect Organogenesis	YouTube
4	M.Sc. Botany	Plant Biotechnology	Isolation, Fusion And Culture of Protoplast	PPT
5	M.Sc. Botany	Plant Biotechnology	Synthetic Seeds	YouTube
6	M.Sc. Botany	Plant Biotechnology	Cryopreservation	E - Padasalai
7	M.Sc. Botany	Plant Biotechnology	Commercial Production of Secondary Metabolites.	PPT
8	M.Sc. Botany	Plant Biotechnology	Lysosomal Enzymes	YouTube
9	M.Sc. Botany	Plant Biotechnology	Production of Therapeutic Antibodies	YouTube
10	M.Sc. Botany	Plant Biotechnology	Role of Plant Tissue Culture In Forestry	PPT
11	M.Sc. Botany	Plant Biotechnology	Conservation of Biodiversity	YouTube
12	M.Sc. Botany	Plant Biotechnology	Selection of Molecular Markers	PPT
13	M.Sc. Botany	Plant Biotechnology	Ti- And Ri- Plasmid	YouTube
14	M.Sc. Botany	Plant Biotechnology	Chloroplast Transformation	E - Padasalai
15	M.Sc. Botany	Plant Biotechnology	Virus Resistance	PPT


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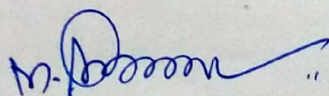
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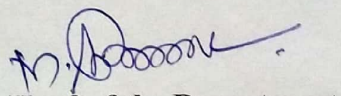
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2021– 2022	
Name of the Staff: Dr. M.Arumugam			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Cell Biology and Molecular Genetics	Organization of Plant and Animal Cells	PPT
2	M.Sc. Botany	Cell Biology and Molecular Genetics	Comparison of Microbial, Plant And Animal Cells.	YouTube
3	M.Sc. Botany	Cell Biology and Molecular Genetics	Mycoplasma	PPT
4	M.Sc. Botany	Cell Biology and Molecular Genetics	Plasma Membranes	YouTube
5	M.Sc. Botany	Cell Biology and Molecular Genetics	Ultra Structure of Organelles	E- Padasalai
6	M.Sc. Botany	Cell Biology and Molecular Genetics	Mitochondria, Ribosome,	PPT
7	M.Sc. Botany	Cell Biology and Molecular Genetics	DNA – Denaturation and Renaturation	PPT
8	M.Sc. Botany	Cell Biology and Molecular Genetics	DNA Replication	YouTube
9	M.Sc. Botany	Cell Biology and Molecular Genetics	Molecular Organization	PPT
10	M.Sc. Botany	Cell Biology and Molecular Genetics	Post Transcription Processing	YouTube
11	M.Sc. Botany	Cell Biology and Molecular Genetics	Enzyme System in Transcription	PPT


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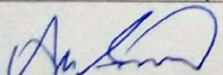
Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.
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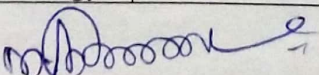
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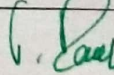
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020- 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool used
1	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Classification of Biofertilizers.	YouTube
2	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Microbes used as bio-fertilizer	PPT
3	M.Sc. Botany	Bio fertilizers and Mushroom Technology	<i>Rhizobium, Anabaena</i>	PPT
4	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Field application of <i>Azospirillum, Azotobacter</i>	YouTube
5	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Phosphate solubilizers	PPT
6	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Phosphate solubilization mechanism.	PPT
7	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Mycorrhizae	YouTube
8	M.Sc. Botany	Bio fertilizers and Mushroom Technology	collection and isolation of Mycorrhizae	PPT
9	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Field application of Ecto and Endo mycorrhizae.	YouTube
10	M.Sc. Botany	Bio fertilizers and Mushroom Technology	importance of Mushroom cultivation	E - Padasalai
11	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Edible and poisonous mushroom	PPT
12	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Importance and nutritive value of mushroom	PPT
13	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Isolation and culture of spores	YouTube
14	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Mother spawn preparation	PPT
15	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Cultivation of Button mushroom	YouTube


Signature of the Staff


Head of the Department


Principal



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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. P.Raja			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Vascular cryptogams	PPT
2	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	origin of Pteridophytes	YouTube
3	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Evolution of Sporophyte	PPT
4	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Economic Importance of Pteridophytes.	E - Padasalai
5	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Evolution of gametophytes	PPT
6	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Gleicheniaceae	YouTube
7	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Stelar evolution of Pteridophytes	E- Padasalai
8	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Apogamy and Apospory	YouTube
9	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Concept of pro-gymnosperms	YouTube
10	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	classification of gymnosperms	PPT
11	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	BennetialesPentoxylales	YouTube
12	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Reproduction of gymnosperms	E- Padasalai



13	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Coniferales, Ginkgoales	YouTube
14	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	Importance of gymnosperms	E- Padasalai
15	M.Sc. Botany	Plant Diversity – II (Pteridophytes, Gymnosperms and Palaeobotany)	fossilization and Fossil types	YouTube

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Signature of the Staff

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Head of the Department

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Principal



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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020- 2021	
Name of the Staff: Dr. P.Raja			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Biochemistry And Plant Physiology	Stabilizing interactions	PPT
2	M.Sc. Botany	Biochemistry And Plant Physiology	Vander waals	YouTube
3	M.Sc. Botany	Biochemistry And Plant Physiology	Properties, ionization of water.	PPT
4	M.Sc. Botany	Biochemistry And Plant Physiology	Stereo isomerism	E - Padasalai
5	M.Sc. Botany	Biochemistry And Plant Physiology	structure of mono, di and oligo polysaccharides	PPT
6	M.Sc. Botany	Biochemistry And Plant Physiology	Biosynthesis of amino acids	YouTube
7	M.Sc. Botany	Biochemistry And Plant Physiology	Physical and chemical properties of nucleic acids	E- Padasalai
8	M.Sc. Botany	Biochemistry And Plant Physiology	Water transport process	YouTube
9	M.Sc. Botany	Biochemistry And Plant Physiology	Ascent of sap	YouTube
10	M.Sc. Botany	Biochemistry And Plant Physiology	Transpiration and its significance factors affecting	PPT
11	M.Sc. Botany	Biochemistry And Plant Physiology	Photochemical reactions	YouTube
12	M.Sc. Botany	Biochemistry And Plant Physiology	C4 carbon cycle	E- Padasalai
13	M.Sc. Botany	Biochemistry And Plant Physiology	phosphorylation	YouTube
14	M.Sc. Botany	Biochemistry And Plant Physiology	Biological nitrogen fixation	E- Padasalai
15	M.Sc. Botany	Biochemistry And Plant Physiology	plant growth regulators auxins,	YouTube

Signature of the Staff



Head of the Department

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020-2021	
Name of the Staff: Mg.K.Thamaraichelvi			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Types of ecosystem	PPT
2	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Bio-geochemical cycles (N, P, C, S)	YouTube
3	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Ecological niche	PPT
4	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Thermal, noise and radiation	E - Padasalai
5	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Effect and control measures of air	PPT
6	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Causes and consequences of Green house effect	YouTube
7	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Effect of waste on receiving bodies	E- Padasalai
8	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Significance of conservation – RET plants	YouTube
9	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Ecosystem approaches	YouTube
10	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Seed Banks	PPT
11	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	environmental education and environmental Act.	YouTube
12	M.Sc. Botany	Plant Ecology, Conservation Biology, Phytogeography and Forestry	Types of forests, range	E- Padasalai

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Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: <u>Mg.K.Thamaraichelvi</u>			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Biochemistry And Plant Physiology	Stabilizing interactions	PPT
2	M.Sc. Botany	Biochemistry And Plant Physiology	Vander waals	YouTube
3	M.Sc. Botany	Biochemistry And Plant Physiology	properties, ionization of water.	PPT
4	M.Sc. Botany	Biochemistry And Plant Physiology	Stereo isomerism	E - Padasalai
5	M.Sc. Botany	Biochemistry And Plant Physiology	structure of mono, di and oligo polysaccharides	PPT
6	M.Sc. Botany	Biochemistry And Plant Physiology	Biosynthesis of amino acids	YouTube
7	M.Sc. Botany	Biochemistry And Plant Physiology	Physical and chemical properties of nucleic acids	E- Padasalai
8	M.Sc. Botany	Biochemistry And Plant Physiology	Water transport process	YouTube
9	M.Sc. Botany	Biochemistry And Plant Physiology	Ascent of sap	YouTube
10	M.Sc. Botany	Biochemistry And Plant Physiology	Transpiration and its significance factors affecting	PPT
11	M.Sc. Botany	Biochemistry And Plant Physiology	Photochemical reactions	YouTube
12	M.Sc. Botany	Biochemistry And Plant Physiology	C4 carbon cycle	E- Padasalai

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M. Doonan
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V. Paul
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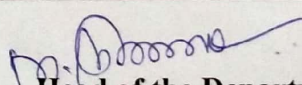
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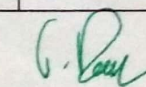
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2021– 2022	
Name of the Staff: Dr. S.Vinothponpandian			Semester: Odd & Even Semester	
Sl.No	Programme	Course	Topic	Type of Tool Used
1	M.Sc. Botany	Plant Biotechnology	Scope and importance of Plant Biotechnology	YouTube
2	M.Sc. Botany	Plant Biotechnology	Types of nutrient media	PPT
3	M.Sc. Botany	Plant Biotechnology	Direct and Indirect organogenesis	YouTube
4	M.Sc. Botany	Plant Biotechnology	Isolation, fusion and culture of Protoplast	PPT
5	M.Sc. Botany	Plant Biotechnology	Synthetic seeds	YouTube
6	M.Sc. Botany	Plant Biotechnology	Cryopreservation	E - Padasalai
7	M.Sc. Botany	Plant Biotechnology	Commercial production of secondary metabolites.	PPT
8	M.Sc. Botany	Plant Biotechnology	lysosomal enzymes	YouTube
9	M.Sc. Botany	Plant Biotechnology	Production of therapeutic antibodies	YouTube
10	M.Sc. Botany	Plant Biotechnology	Role of plant tissue culture in forestry	PPT
11	M.Sc. Botany	Plant Biotechnology	Conservation of Biodiversity	YouTube
12	M.Sc. Botany	Plant Biotechnology	Selection of molecular markers	PPT
13	M.Sc. Botany	Plant Biotechnology	Ti- and Ri- plasmid	YouTube
14	M.Sc. Botany	Plant Biotechnology	Chloroplast transformation	E - Padasalai
15	M.Sc. Botany	Plant Biotechnology	Virus resistance	PPT
16	M.Sc. Botany	Plant Diversity – II	Vascular cryptogams	PPT
17	M.Sc. Botany	Plant Diversity – II	Origin of Pteridophytes	YouTube
18	M.Sc. Botany	Plant Diversity – II	Evolution of Sporophyte	PPT

S. Vinothponpandian
Signature of the Staff


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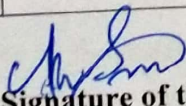
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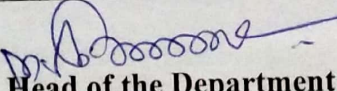
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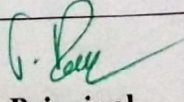
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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020-2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool used
1	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Classification of Biofertilizers.	YouTube
2	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Microbes used as bio-fertilizer	PPT
3	M.Sc. Botany	Bio fertilizers and Mushroom Technology	<i>Rhizobium, Anabaena</i>	PPT
4	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Field application of <i>Azospirillum, Azotobacter</i>	YouTube
5	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Phosphate solubilizers	PPT
6	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Phosphate solubilization mechanism.	PPT
7	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Mycorrhizae	YouTube
8	M.Sc. Botany	Bio fertilizers and Mushroom Technology	collection and isolation of Mycorrhizae	PPT
9	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Field application of Ecto and Endo mycorrhizae.	YouTube
10	M.Sc. Botany	Bio fertilizers and Mushroom Technology	importance of Mushroom cultivation	E - Padasalai
11	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Edible and poisonous mushroom	PPT
12	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Importance and nutritive value of mushroom	PPT
13	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Isolation and culture of spores	YouTube
14	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Mother spawn preparation	PPT
15	M.Sc. Botany	Bio fertilizers and Mushroom Technology	Cultivation of Button mushroom	YouTube


Signature of the Staff


Head of the Department


Principal



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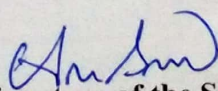
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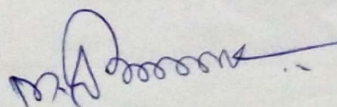
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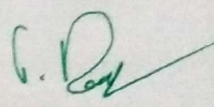
Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool used
1	M.Sc. Botany	Plant Biotechnology	Scope and importance of plant tissue culture.	YouTube
2	M.Sc. Botany	Plant Biotechnology	types of nutrient media	PPT
3	M.Sc. Botany	Plant Biotechnology	Direct and Indirect organogenesis	YouTube
4	M.Sc. Botany	Plant Biotechnology	Pollen cultures	PPT
5	M.Sc. Botany	Plant Biotechnology	Culture of Protoplast	PPT
6	M.Sc. Botany	Plant Biotechnology	Screening procedures.	YouTube
7	M.Sc. Botany	Plant Biotechnology	Commercial production of secondary metabolites	PPT
8	M.Sc. Botany	Plant Biotechnology	Therapeutic proteins	YouTube
9	M.Sc. Botany	Plant Biotechnology	Antibodies and edible vaccine from plants.	E - Padasalai
10	M.Sc. Botany	Plant Biotechnology	Harvesting of herbal plants	YouTube
11	M.Sc. Botany	Plant Biotechnology	Role of plant tissue culture in forestry. Conservation	PPT
12	M.Sc. Botany	Plant Biotechnology	Selection of molecular markers	PPT
13	M.Sc. Botany	Plant Biotechnology	Reporter genes,	YouTube
14	M.Sc. Botany	Plant Biotechnology	Gene transfer methods	PPT
15	M.Sc. Botany	Plant Biotechnology	Chloroplast transformation	YouTube


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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2020– 2021	
Name of the Staff: Dr. A.N. Sundar			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool used
1	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Taxonomy and its importance	PPT
2	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	International Code of Botanical Nomenclature	YouTube
3	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Botanical survey of India.	PPT
4	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Taxonomy in relation to Anatomy.	PPT
5	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Chemotaxonomy and Numerical Taxonomy	YouTube
6	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Monographs and botanical gardens	PPT
7	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Modern trends in Taxonomy-	PPT
8	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Molecular taxonomy	YouTube
9	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	DNA Fingerprinting and Barcoding in plants.	PPT
10	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	<i>Menispermaceae</i>	PPT
11	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Morphology of the useful parts	PPT
12	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	sugar cane and sweet potato	YouTube



13	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Cinnamum, pepper	PPT
14	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	cotton and coir	YouTube
15	M.Sc. Botany	Taxonomy of Angiosperms and Economic Botany	Indigo and henna. Rubber	PPT

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DETAILS OF ICT ENABLED TEACHING RESOURCES

Department: BOTANY			Academic Year: 2021- 2022	
Name of the Staff: Dr. J. Mohammed Hussain			Semester: Odd & Even Semester	
S.No.	Programme	Course	Topic	Type of Tool(s) used
1	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Structure Of Prokaryotic And Eukaryotic Algae	PPT
2	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Cell Structure, Reproduction	YouTube
3	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Life Cycle Of Algae	PPT
4	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Brief Study On Chlorophyceae	YouTube
5	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Dinophyceae	E- Padasalai
6	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Chloromonadineae	PPT
7	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Isolation And Culture Of Algae From Different Fresh Water	PPT
8	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Cryptophyceae	YouTube
9	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Bacillariophyceae	PPT
10	M.Sc. Botany	Plant Diversity I (Phycology, Lichenology And Bryology)	Economic Importance Of Algae.	YouTube
11	M.Sc. Botany	Microbiology And Plant Pathology	Cell structure of Fungi	PPT
12	M.Sc. Botany	Microbiology And Plant Pathology	Heterothallism, Heterokaryosis	PPT
13	M.Sc. Botany	Microbiology And Plant Pathology	Economic importance of bacteria	YouTube
14	M.Sc. Botany	Microbiology And Plant Pathology	History and scope of microbiology	YouTube
15	M.Sc. Botany	Microbiology And Plant Pathology	Isolation and purification of viruses	E- Padasalai
16	M.Sc. Botany	Microbiology And Plant Pathology	Salient features and Life cycle pattern of Phycomycetes	PPT
17	M.Sc. Botany	Microbiology And Plant Pathology	Ultra structure, nutrition	PPT
18	M.Sc. Botany	Microbiology And Plant Pathology	Archaeobacteria	YouTube
19	M.Sc. Botany	Microbiology And Plant Pathology	Scope and importance of plant pathology	PPT
20	M.Sc. Botany	Microbiology And Plant Pathology	Classification of plant diseases	YouTube

Signature of the Staff

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