

ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA

Department of Zoology and Aquaculture Technology

(Subject : Zoology)

List of ICT Resources available in the Department

S. No	Year	Semester	Subject	Paper	Topic	Tool used
1.	I	I	Zoology	I	Five Kingdom Classification	PPT
2.	I	I	Zoology	I	Protozoa	PPT
3.	I	I	Zoology	I	Insect Metamorphosis	PPT
4.	I	I	Zoology	I	Respiration in Arthropoda	PPT
5.	I	I	Zoology	I	Social life in Termites	PPT
6.	I	I	Zoology	I	Ascaris lumbricoides	PPT
7.	I	I	Zoology	I	Canal system in Sponges	PPT
8.	I	I	Zoology	I	Water Vascular system	PPT
9.	I	I	Zoology	I	Fasciola hepatica	PPT
10.	I	I	Zoology	I	Social life in insects	PPT
11.	I	I	Zoology	I	Porifera Practical	PPT
12.	I	I	Zoology	I	Porifera	PPT
13.	I	I	Zoology	I	Skeleton in Sponges	PPT
14.	I	I	Zoology	I	Coelenterata Practicals	PPT
15.	I	I	Zoology	I	Coelenterata- General Characters	PPT
16.	I	I	Zoology	I	Invertebrata- ICT Images	Images
17.	I	II	Zoology	II	Mammalia -General Characters & Classification	PPT
18.	I	II	Zoology	II	Dentition in Mammals	PPT
19.	I	II	Zoology	II	II Sem Lab	PPT
20.	II	III	Zoology	III	Gene Interaction	PPT
21.	II	III	Zoology	III	Practical Images	ICT Images
22.	II	III	Zoology	III	Equis, The Evolution of the Horse	Video
23.	II	III	Zoology	III	Galapagos Finch Evolution	Video
24.	II	III	Zoology	III	HORSE EVOLUTION OVERVIEW	Video
25.	II	III	Zoology	III	Prokaryotic and Eukaryotic Cells	PPT
26.	II	III	Zoology	III	Ultra Structure of Animal Cell	PPT
27.	II	III	Zoology	III	Plasma Membrane	PPT
28.	II	IV	Zoology	IV	Cleavage	PPT
29.	II	IV	Zoology	IV	Digestion	PPT
30.	II	IV	Zoology	IV	Endocrine System	PPT

31.	II	IV	Zoology	IV	Endocrine System-Hormones	PPT
32.	II	IV	Zoology	IV	Excretory System	PPT
33.	II	IV	Zoology	IV	Extra Embryonic membranes	PPT
34.	II	IV	Zoology	IV	Fertilization PPT pdf	PPT
35.	II	IV	Zoology	IV	Fertilization	PPT
36.	II	IV	Zoology	IV	Frog Development up to primary germ layers	PPT
37.	II	IV	Zoology	IV	Physiology, Embryology Lab	PPT
38.	II	IV	Zoology	IV	Hormonal regulation of Reproductive system	PPT
39.	II	IV	Zoology	IV	Light as an ecological factor	PPT
40.	II	IV	Zoology	IV	Muscular System	PPT
41.	II	IV	Zoology	IV	Nerve Impulse Transmission	PPT
42.	II	IV	Zoology	IV	Oogenesis	PPT
43.	II	IV	Zoology	IV	Pancreas	PPT
44.	II	IV	Zoology	IV	Placenta in Mammals	PPT
45.	II	IV	Zoology	IV	Respiration	PPT
46.	II	IV	Zoology	IV	Spermatogenesis	PPT
47.	II	IV	Zoology	IV	Structure and functioning of mammalian heart	PPT
48.	II	IV	Zoology	IV	Temperature as an ecological factor	PPT
49.	II	IV	Zoology	IV	Types of Eggs	PPT
50.	II	IV	Zoology	IV	Respiration	PPT
51.	II	IV	Zoology	V	Antigens	PPT
52.					Cytokines	PPT
53.	II	IV	Zoology	V	DNA	PPT
54.	II	IV	Zoology	V	Extraction of DNA from Fish Fins - Amrita University	Virtual labs
55.	II	IV	Zoology	V	Hypersensitivity	PPT
56.	II	IV	Zoology	V	Immunodeficiency Diseases	PPT
57.					Immuno-electrophoresis	PPT
58.	II	IV	Zoology	V	Immunoglobulins	PPT
59.	II	IV	Zoology	V	Ligation (Using T4 DNA Ligase) - Amrita University	Virtual Lab
60.	II	IV	Zoology	V	Lymphoid Organs-1	PPT
61.	II	IV	Zoology	V	Maintenance and Storage of DH5 alpha E. coli Cells - Amrita University	Virtual Lab
62.	II	IV	Zoology	V	MHC	PPT
63.	II	IV	Zoology	V	Monoclonal Antibodies	PPT

64.	II	IV	Zoology	V	Organ culture	PPT
65.	II	IV	Zoology	V	Plasmid Isolation Mini Preparation - Amrita University	Virtual Lab
66.	II	IV	Zoology	V	Plasmid isolation protocol	Video
67.					Polymerase Chain Reaction - Amrita University	Virtual Lab
68.	II	IV	Zoology	V	Preparation of Competent Cells Using Calcium Chloride - Amrita University	Virtual Lab
69.	II	IV	Zoology	V	Restriction Endonucleases	PPT
70.	II	IV	Zoology	V	Immunology practical	PPT
71.	II	IV	Zoology	V	Steps in Recombinant DNA technology or rDNA technology	Virtual Lab
72.	II	IV	Zoology	V	Transformation of Host Cells- Amrita University	Virtual Lab
73.	II	IV	Zoology	V	Vaccines	PPT
74.	III	V	Zoology	VI A	Carp fishery Management	PPT
75.	III	V	Zoology	VI A	Cluster Practical	PPT
76.	III	V	Zoology	VI A	Feed formulation	PPT
77.	III	V	Zoology	VI A	Fish Hatcheries	PPT
78.	III	V	Zoology	VI A	Induced Breeding	PPT
79.	III	V	Zoology	VI A	Induced Breeding in Major Carps	PPT
80.	III	V	Zoology	VI A	Liming	PPT
81.	III	V	Zoology	VI A	Live food -Shrimp Larval nutrition	PPT
82.	III	V	Zoology	VI A	Macrobrachium Hatchery	PPT
83.	III	V	Zoology	VI A	Oxygen Depletion	PPT
84.	III	V	Zoology	VI A	Penaeus monodon Hatchery	PPT
85.	III	V	Zoology	VI A	Pond Fertilization	PPT
86.	III	V	Zoology	VI A	Recent Developments in Freshwater Aquaculture	PPT
87.	III	V	Zoology	VI A	Soil Characteristics suitable for Aquaculture	PPT
88.	III	V	Zoology	VI A	Status of Aquaculture	PPT
89.	III	V	Zoology	VI A	Supplementary feeds	PPT
90.	III	V	Zoology	VI A	Water quality Management	PPT
91.	III	V	Zoology	VIIA	Aquatic Sea Weed Products	PPT
92.	III	V	Zoology	VIIA	Fish Processing Plants	PPT
93.	III	V	Zoology	VII A	Fish Preservative Methods	Video

94.	III	V	Zoology	VII A	Fish Value-Added Products	Video
95.	III	V	Zoology	VII A	Preparation of Isinglass	Virtual Lab
96.	III	V	Zoology	VII A	Fish By-Products	PPT
97.	III	V	Zoology	VII A	Hazard Analysis and critical Control Point	PPT
98.	III	V	Zoology	VI B	Breeds of Dairy Cattle, Buffaloes and goats	PPT
99.	III	V	Zoology	VI B	Artificial insemination	Video
100.	III	V	Zoology	VI B	Pregnancy Diagnosis	Video
101.	III	V	Zoology	VII B	Identification of Dairy Cattle	Video
102.	III	V	Zoology	VII B	Systems of Dairy Cattles	PPT
103.	III	V	Zoology	VII B	Dairy Farm Layout	Images
104.	III	V	Zoology	VII B	Deworming	PPT
105.	III	V	Zoology	VII B	Castration	Video
106.	III	V	Zoology	VII B	Dehorning	Video
107.	III	V	Zoology	VII B	Pasteurization of milk	PPT
108.	III	V	Zoology	VII B	Types of Cream	PPT
Skill Development Course						
109.	I	II	Dairy Technology	SDC	Images of Breeds	ICT Images
110.	I	II	Dairy Technology	SDC	Systems of Dairy Cattles	PPT
111.	I	II	Dairy Technology	SDC	Dairy Farm Layout	Images
112.	I	II	Dairy Technology	SDC	Deworming	PPT
113.	I	II	Dairy Technology	SDC	Castration	Video
114.	I	II	Dairy Technology	SDC	Dehorning	Video
115.	II	III	Poultry Farming	SDC	Poultry Housing Systems	PPT
116.	II	III	Poultry Farming	SDC	Feed Management	PPT
117.	II	III	Poultry Farming	SDC	Selection and care of hatching eggs	PPT
118.	II	III	Poultry Farming	SDC	Poultry Diseases	PPT

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 DEPARTMENT OF ZOOLOGY
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V. Madhavi

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1. S. Madhavi
 lecturer in zoology

2. N. Veera Chanti
 lecturer in zoology

DEPARTMENT OF PHYSICS

(Subject: PHYSICS)

List of ICT Resources available in the Department

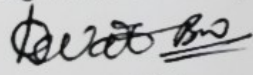
S.NO	Year	Sem	Paper Title	Paper	Topic	Tool used
1	I	I	Mechanics,waves & Oscillations	I	Concept of curl	Video animated
2	I	I	Mechanics,waves & Oscillations	I	Concept of divergence	PPT
3	I	I	Mechanics,waves & Oscillations	I	Rocket motion and Newton's 3rd law	PPT& Video
4	I	I	Mechanics,waves & Oscillations	I	Kepler's laws of planetary motion	Virtual lab
5	I	I	Mechanics,waves & Oscillations	I	Spring mass system	PPT with embedded video
6	I	I	Mechanics,waves & Oscillations	I	Simple Harmonic Motion basic concepts	PPT
7	I	I	Mechanics,waves & Oscillations	I	Longitudinal and transverse waves	PPT
8	I	I	Mechanics,waves & Oscillations	I	Stationary wave formation in Strings	Video
9	I	I	Mechanics,waves & Oscillations	I	Tuning fork working	PPT
10	I	I	Mechanics,waves & Oscillations	I	Ultra sonics	PPT
11	I	II	Wave optics	II	Lloyd's single mirror	Video
12	I	II	Wave optics	II	Newton's rings	Virtual Lab
13	I	II	Wave optics	II	Zone Plate	ICT Image
14	I	II	Wave optics	II	Resolving Power of Grating	Virtual Lab
15	I	II	Wave optics	II	Laurent's Half shade Polarimeter, Nicol Prism	PPT
16	I	II	Wave optics	II	Double Refraction	ICT Image
17	I	II	Wave optics	II	Aberrations	PPT
18	I	II	Wave optics	II	Fiber optics	Video
19	I	II	Wave optics	II	Ruby Laser	PPT
20	I	II	Wave optics	II	Holography	Video
21	II	III	Heat& Thermodynamics	III	Kinetic theory of Gases	Video
22	II	III	Heat& Thermodynamics	III	Transport Phenomenon	PPT
23	II	III	Heat& Thermodynamics	III	Carnot's Engine	PPT
24	II	III	Heat& Thermodynamics	III	Reversible and irreversible Process	Video

25	II	III	Heat& Thermodynamics	III	Thermodynamic Potentials	PPT
26	II	III	Heat& Thermodynamics	III	Joule-Kelvin coefficient for ideal gases	Vitual lab
27	II	III	Heat& Thermodynamics	III	adiabatic demagnetization	ICT Image
28	II	III	Heat& Thermodynamics	III	Liquefaction of air	Video
29	II	III	Heat& Thermodynamics	III	Spectral energy distribution of black body radiation	ICT Image
30	II	III	Heat& Thermodynamics	III	Angstrom Pyrheliometer	Virtual Lab
31	II	IV	Electricity,Magnetism& Electronics	IV	Gauss's Law	PPT
32	II	IV	Electricity,Magnetism& Electronics	IV	dielectrics	PPT
33	II	IV	Electricity,Magnetism& Electronics	IV	Hall effect	ICT Image
34	II	IV	Electricity,Magnetism& Electronics	IV	Self induction,Mutual Induction	Animation
35	II	IV	Electricity,Magnetism& Electronics	IV	LCR Series and Parallel resonant circuit	Virtual Lab
36	II	IV	Electricity,Magnetism& Electronics	IV	Maxwell's wave Equations	PPT
37	II	IV	Electricity,Magnetism& Electronics	IV	P-N Junction diode V-I Characteristics	Virtual Lab
38	II	IV	Electricity,Magnetism& Electronics	IV	Transistor CE Configuration	Virtual Lab
39	II	IV	Electricity,Magnetism& Electronics	IV	Number Systems and Conversions	PPT
40	II	IV	Electricity,Magnetism& Electronics	IV	Demorgan's Theorm	PPT
41	II	IV	Modern Physics	V	Stern-Gerlach experiment	PPT
42	II	IV	Modern Physics	V	one dimensional potential box	PPT
43	II	IV	Modern Physics	V	G.M. Counter	Video
44	II	IV	Modern Physics	V	Nanomaterials	PPT
45	II	IV	Modern Physics	V	Fullerene, CNT, Graphene	ICT image
46	II	IV	Modern Physics	V	applications of nano materials:	PPT
47	II	IV	Modern Physics	V	Meissner effect	Video
48	II	IV	Modern Physics	V	Determination of M & H.	Virtual lab
49	II	IV	Modern Physics	V	Raman effect	PPT

50	II	IV	Modern Physics	V	General Properties of Nuclei, Mass defect, Binding energy	PPT
51	III	V	Low temperature Physics & Refrigeration	VI-B	Joule-Thomson effect	PPT
52	III	V	Low temperature Physics & Refrigeration	VI-B	liquefaction of air	ICT image
53	III	V	Low temperature Physics & Refrigeration	VI-B	Adiabatic demagnetization	ICT image
54	III	V	Low temperature Physics & Refrigeration	VI-B	Gas thermometer	Virtual lab
55	III	V	Low temperature Physics & Refrigeration	VI-B	Properties of refrigerant, Classification of refrigerants,	PPT
56	III	V	Low temperature Physics & Refrigeration	VI-B	Refrigerator components: Types of compressors,	Video
57	III	V	Low temperature Physics & Refrigeration	VI-B	Refrigerator components: Types of evaporators	Video
58	III	V	Low temperature Physics & Refrigeration	VI-B	<i>Applications of Low temperatures</i>	PPT
59	III	V	Low temperature Physics & Refrigeration	VI-B	Desalination of water, Data centres	ICT image
60	III	V	Low temperature Physics & Refrigeration	VI-B	Cryogenic rocket propulsion system	ICT image
61	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Solar geometry</i>	<i>PPT with Video</i>
62	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Pyranometer</i>	<i>Video</i>
63	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Flat-Plate collectors</i>	<i>PPT with embedded Video</i>
64	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Concentrating Solar collectors</i>	<i>PPT with embedded video</i>
65	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Working of Solar cell</i>	<i>Animated Video</i>
66	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Protection of Solar cell and Shading effect</i>	<i>Video</i>
67	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Thin-Film (TFSC) Solar cells</i>	<i>PPT with embedded video</i>
68	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Solar module fabrication</i>	<i>Video</i>
69	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Flywheel -Mechanical energy storage system</i>	<i>Video</i>
70	III	V	<i>Solar energy and Applications</i>	VII-B	<i>Super capacitor</i>	<i>PPT</i>

SKILL DEVELOPMENT COURSES (SDC)						
71	I	I	Electrical appliances	Physics SDC	Ohm's Law and Series, Parallel combination of Resistors	Virtual Lab
72	I	I	Electrical appliances	Physics SDC	Transformers	PPT
73	I	I	Electrical appliances	Physics SDC	Basics of House Wiring	Video
74	I	I	Electrical appliances	Physics SDC	Electric shock	PPT
75	I	I	Electrical appliances	Physics SDC	Working and Servicing of Electric Fan	Animated Video
76	I	I	Electrical appliances	Physics SDC	Refrigerator Working and servicing	Video
77	I	II	Solar Energy	Physics SDC	Pyranometer, Sunshine Recorder	Video
78	I	II	Solar Energy	Physics SDC	Solarpond	PPT
79	I	II	Solar Energy	Physics SDC	Flat plate Collectors(FPC)	Video
80	I	II	Solar Energy	Physics SDC	Solar hotwater System	PPT
81	I	II	Solar Energy	Physics SDC	Solar Photo Voltaic application	PPT
82	I	II	Solar Energy	Physics SDC	Solar street lighting	Video

Signature of Faculty

- 1) 
- 2) K. Krunthi
- 3) D.V.S. Lakshmi

V. Ananta Lakshmi
Signature of the principal



DEPARTMENT OF MATHEMATICS

(Subject : MATHEMATICS)

List of ICT Resources available in the Department

S.NO	Year	Sem	Paper Title	Paper	Topic	Tool Used
1.	1	I	Differential Equations	I	Methods of Differential Equations	PPT
2.	1	I	Differential Equations	I	Homogeneous and non Homogeneous	PPT
3.	1	I	Differential Equations	I	Legender's Equations	PPT
4.	1	I	Differential Equations	I	Variation of parameters	PPT
5.	1	II	Solid Geometry	II	Plane	PPT
6.	1	II	Solid Geometry	II	Coplanar	PPT
7.	1	II	Solid Geometry	II	Image of Line	PPT
8.	1	II	Solid Geometry	II	Shortest Distance	PPT
9.	1	II	Solid Geometry	II	Cone	PPT
10	2	III	Abstract Algebra	III	Groups Introduction	PPT
11	2	III	Abstract Algebra	III	Subgroups	PPT
12	2	III	Abstract Algebra	III	Lagrange's Theorem and its Applications	PPT
13	2	III	Abstract Algebra	III	Permutations	PPT
14	2	III	Abstract Algebra	III	Rings and SubRings	PPT
15	2	IV	Real Analysis	IV	Sequence ,SubSequence	PPT
16	2	IV	Real Analysis	IV	Series -Test's	PPT
17	2	IV	Real Analysis	IV	Limits and Problems	PPT
18	2	IV	Real Analysis	IV	Mean Value Theorems	PPT
19	2	IV	Linear Algebra	V	Vectors and Scalars	PPT
20	2	IV	Linear Algebra	V	Dimensions of vectors	PPT
21	2	IV	Linear Algebra	V	Rank and Nulity theorem and its problems	PPT
22	2	IV	Linear Algebra	V	Matrix	PPT
23	2	IV	Linear Algebra	V	Orthogonality	PPT
24	3	V	Numerical Methods	VIA	Numerical method & ITS Applications	PPT
25	3	V	Numerical Methods	VIA	Newotn's Divide Difference Formula	PPT
26	3	V	Numerical Methods	VIA	Numerical Integration	PPT
27	3	V	Numerical Methods	VIA	R-K method	PPT
28	3	V	Mathematical Special Functions	VIIA	Chebyshev polynomial	PPT
29	3	V	Mathematical Special Functions	VIIA	Power Series Solutions	PPT

30	3	V	Mathematical Special Functions	VIIA	Rodrigue's formula & First few Hermite polynomial	PPT
31	3	V	Mathematical Special Functions	VIIA	Orthogonal properties of Legendre polynomial	PPT

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1. V. G. S. w

2. G. Sudevi
Signature of Faculty

V. G. S. w
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Life Skill course

S.NO	Year	Sem	Paper Title	Paper	Topic	Tool Used
1.	2	III	Analytical Skills	Maths LSD	BODMAS rule	PPT & video
2.	2	III	Analytical Skills	Maths LSD	Percentages	PPT
3.	2	III	Analytical Skills	Maths LSD	Clock ,Calendar	PPT, video
4.	2	III	Analytical Skills	Maths LSD	Blood Relations	PPT, video
5.	2	III	Analytical Skills	Maths LSD	Data Interpretation	PPT
6.	2	III	Analytical Skills	Maths LSD	Data Interpretation	PPT

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1. V. G. S. L.

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A. S.D.GOV.T.DEGREE COLLEGE FOR WOMEN(A), KAKINADA

Department of Chemistry

List of ICT Resources available in the Department

S.No	Year	Semester	Paper	Topic	Tools Used
1	I	I	I	Braggs Equation	PPT
2	I	II	II	Stereo Chemistry, R,S Nomenclature	PPT
3	I	II	II	Benzene and Its Reactivity	PPT
4	II	III	III	SN1 & SN2 Reaction Mechanism	PPT
5	II	III	III	Aldol & Canizzaro Reaction Mechanisms	PPT
6	II	III	III	Chemical Shift	PPT
7	II	IV	IV	Jablonski diagram	PPT
8	II	IV	IV	Amino Acids	PPT
9	II	IV	V	Order determination Methods	PPT
10	III	V	6D	Hardness removal Methods	Video
11	III	V	7D	Ecotic Cavitation	Animation

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2. K. Thambi

3. P. Jeyaraj

4. M. Subba

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A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

DEPARTMENT OF COMPUTER SCIENCE

List of Different ICT Tools

S.no	Year	Semester	Subject	Paper	Topic	Tool Used
1	2022- 2023	I –Sem I B.Sc (MPCS)	Computer Science	Bridge Course	Fundamentals of Computers	PPT
2	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	History of computer & generations of computers	PPT
3	2022- 2023	III-semester II B.Com (CA)	Computer Applications	Programming With C & C++	Identities & rules to be followed	PPT
4	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Costs & Risk of Database Approach	PPT
5	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Type of computers & C introduction	PPT
6	2022- 2023	I-semester I B.Com (CA)	Computer Applications	Information Technology	Applications of Computers	PPT
7	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Attribute Inheritance	PPT
8	2022- 2023	III-semester II B.Com (CA)	Computer Applications	Programming With C & C++	Looping Statement	PPT
9	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Explain the loops concept	PPT
10	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Generalizations and specializations	PPT
11	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Advantages of ER-Modelling	PPT
12	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Explain the Arrays concept	PPT
13	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	CODDS Rules	PPT
14	2022- 2023	VI-semester III B.Com (CA)	Computer Applications	Big data Analysis using R	Introductions to Big data	PPT
15	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Variables & Datatypes	PPT
16	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technology	HTML Elements & Attributes	PPT
17	2022- 2023	VI-semester III B.Com (CA)	Computer Applications	Big data Analysis using R	Business Intelligence	PPT
18	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technology	Heading programs and Tables	PPT
19	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Operators	PPT
	2022- 2023	VI-semester III B.Com (CA)	Computer Applications	Big data Analysis using R	Why hype Around BDA	PPT
20	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Relational Algebra	PPT
21	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Largest & smallest numbers	PPT
22	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Limitations of Relations Algebra,	PPT

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

DEPARTMENT OF COMPUTER SCIENCE

List of Different ICT Tools

S.no	Year	Semester	Subject	Paper	Topic	Tool Used
1	2022- 2023	I –Sem I B.Sc (MPCS)	Computer Science	Bridge Course	Fundamentals of Computers	PPT
2	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	History of computer & generations of computers	PPT
3	2022- 2023	III-sem II B.Com (CA)	Computer Applications	Programming With C & C++	Identities & rules to be followed	PPT
4	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Costs & Risk of Database Approach	PPT
5	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Type of computers & C introduction	PPT
6	2022- 2023	I-sem I B.Com (CA)	Computer Applications	Information Technology	Applications of Computers	PPT
7	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Attribute Inheritance	PPT
8	2022- 2023	III-sem II B.Com (CA)	Computer Applications	Programming With C & C++	Looping Statement	PPT
9	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Explain the loops concept	PPT
10	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Generalizations and specialization	PPT
11	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Advantages of ER-Modelling	PPT
12	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Explain the Arrays concept	PPT
13	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	CODDS Rules	PPT
14	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Introductions to Big data	PPT
15	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Variables & Datatypes	PPT
16	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technology	HTML Elements & Attributes	PPT
17	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Business Intelligence	PPT
18	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technology	Heading programs and Tables	PPT
19	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Operators	PPT
	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Why hype Around BDA	PPT
20	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Relational Algebra	PPT
21	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Largest & smallest numbers	PPT
22	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Limitations of Relations Algebra,	PPT

					Relational Calculus	
23	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	SQL: History, Commands and Datatypes	PPT
24	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	I & II Multidimensional Array	PPT
25	2022- 2023	III-sem II B.Com (CA)	Computer Applications	Programming With C & C++	Basic Concepts of OOPS	PPT
26	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Static Statement with arguments	PPT
27	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	SQL Joins	PPT
28	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Aggregate Functions	PPT
29	2022- 2023	VI-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technology	File paths, Layouts, & Responses	PPT
30	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Data Types in R	PPT
31	2022- 2023	I-sem I B.Com (CA)	Computer Applications	Information Technology	Introduction to Access, Parts, creation of tables	PPT
32	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Tables modifications	PPT
33	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Join Operations	PPT
34	2022- 2023	V-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technologies	Formatting Styles	PPT
35	2022- 2023	V-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Hidden Fields to save state, redirecting use	PPT
36	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Pointers & Expressions	PPT
37	2022- 2023	III-sem II B.Com (CA)	Computer Applications	Programming With C & C++	Basic Concepts of Loops	PPT
38	2022- 2023	V-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	User Session Working	PPT
39	2022- 2023	V-Sem III B.Sc (MPCS)	Computer Science	Web Interface Designing Technologies	Objects in JavaScript	PPT
40	2022- 2023	III-Sem II B.Sc (MPCS)	Computer Science	DBMS	Functions and Triggers & Types of Triggers	PPT
41	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Reading from tables	PPT
42	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Data Science Using Python	Class Variables & object variables	PPT
43	2022- 2023	V-Sem III B.Sc (MPCS)	Computer Science	PHP & MYSQL	Working with files & directories	PPT
44	2022- 2023	I –Sem I B.Sc (MPCS & MSCS)	Computer Science	Problem Solving in C	Files Concept	PPT
45	2022- 2023	VI-sem III B.Com (CA)	Computer Applications	Big data Analysis using R	Reading and Getting Web data	PPT
46	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Introduction to Java And Data Types	PPT
47	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	Introduction to DBMS	PPT
48	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Virtual Machines & features	PPT
49	2022- 2023	II-sem I B.Com	Computer	E-Commerce and	E-Commerce	PPT

		(CA)	Applications	Web Designing	Reasons & Transacting online	
50	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Parts of Java	PPT
51	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Operators in Java	PPT
52	2022- 2023	V-sem III B.Com (CA)	Computer Applications	Data Science Using R	Programs using Static methods	PPT
53	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	History & Evaluation of Operating Systems	PPT
54	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Data Types	PPT
55	2022- 2023	II-sem I B.Com (CA)	Computer Applications	E-Commerce and Web Designing	Designing of E-commerce Website	PPT
56	2022- 2023	II-sem I B.Com (CA)	Computer Applications	E-Commerce and Web Designing	Launching of E-Commerce Website	PPT
57	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Refinement Stages	PPT
58	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Binary Search	PPT
59	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Control Statements in Java	PPT
60	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Handled Computers & PDAS	PPT
61	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Execution of Control statements	PPT
62	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Principles of Progg. Language	PPT
63	2022- 2023	II-sem I B.Sc (MPCS)	Computer Applications	Information Communication Technology	Browser types	PPT
64	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Arrays	PPT
65	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	File based system	PPT
66	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Types of Arrays	PPT
67	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Linked Lists	PPT
68	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	Components of DBMS	PPT
69	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Polymorphism using methods	PPT
70	2022- 2023	II-sem I B.Com (CA)	Computer Applications	E-Commerce and Web Designing	E-Banking	PPT
71	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Bankers algorithm	PPT
72	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	Aggregated Compositions	PPT
73	2022- 2023	II-sem I B.Com (CA)	Computer Applications	E-Commerce and Web Designing	Online Shopping	PPT
74	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Representation of Stack using arrays & linked list	PPT
75	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	CODD's Rules	PPT
76	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	Packages in Java	PPT
77	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Memory Management	PPT
78	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Virtual memory	PPT
79	2022- 2023	IV-sem II B.Com (CA)	Computer Applications	DBMS	DML table modification	PPT
80	2022- 2023	II-sem I B.Com (CA)	Computer Applications	E-Commerce and Web Designing	Inline styles, external styles sheets	PPT

81	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Pipes	PPT
82	2022- 2023	II-sem I B.Sc (MPCS)	Computer Applications	Information Communication Technology	Explain the G-Suit	PPT
83	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	OOPS	My SQL Database	PPT
84	2022- 2023	IV-Sem II B.Sc (MPCS)	Computer Science	Operating System	Android application architecture	PPT
85	2022- 2023	II-Sem I B.Sc (MPCS)	Computer Science	Data Structures	Spanning Trees	PPT

1) K.S. Lakshmi
N.N.S. Eswari

IN-CHARGE
DEPT. OF COMPUTER SCIENCE
A.S.D. GOVT. DEGREE COLLEGE (M) AUTONOMOUS
KAKINADA

V. N. S. Eswari
PRINCIPAL



ASD GOVERNMENT COLLEGE FOR WOMEN (A), KAKINADA

Department of English

Subject: English

List of ICT Resources available in the Department

S.No	Year	Semester	Subject	Paper	Topic	Tool Used
1.	I	I	A Course in Communication & Soft Skills	I	Listening Skills	PPT
2.	I	I	A Course in Communication & Soft Skills	I	Sounds of English	PPT & video
3.	I	I	A Course in Communication & Soft Skills	I	Word Stress	PPT
4.	I	I	A Course in Communication & Soft Skills	I	Intonation	PPT & video
5.	I	I	A Course in Communication & Soft Skills	I	Greetings and Introduction	PPT
6.	I	I	A Course in Communication & Soft Skills	I	Asking and Giving Information	PPT & video
7.	I	I	A Course in Communication & Soft Skills	I	Soft Skills- SWOC, Attitude, Emotional Intelligence.	PPT & Images
8.	II	II	A Course in Reading & Writing Skills	II	The Road not Taken	PPT & Images
9.	II	II	A Course in Reading & Writing Skills	II	Ode to the West Wind	PPT & Images
10.	II	II	A Course in Reading & Writing Skills	II	Upagupta	PPT & Images

DEPARTMENT OF BOTANY & HORTICULTURE

List of ICT Tools usage by the Department of Botany & Horticulture (2022-23)

S.NO	YEAR	SEM	PAPER TITLE	PAPER	TOPIC	TOOL USED
1	II	III	Anatomy and Embryology of angiosperms	III	Anmolous Secondary growth in Dracena	ppt
2	II	III	Anatomy and Embryology of angiosperms	III	Timbers of Economic Importance	ppt
3	III	VI	Seed Technology	VIIA	Seed Longevity	ppt
4	III	IV	Cell Biology ,Genetics,and Plant Breeding	V	Polyembryony	ppt
5	II	III	Anatomy and Embryology of angiosperms	III	Microsporogenesis	video
6	III	VI	Plant Propagation	VIA	Layering	video
7	II	III	Anatomy and Embryology of angiosperms	III	Population Ecology	ppt
8	I	I	Fundamentals of microbes and non vascular plants	I	Volvox	image
9	III	III	Anatomy and Embryology of angiosperms	III	Effect of light on Plant growth	ppt
10	I	I	SDC	I	Nursery management	ppt
11	II	IV	Cell Biology ,Genetics,and Plant Breeding	v	Eukaryotic ell	ppt
12	II	IV	Cell Biology ,Genetics,and Plant Breeding	V	Cell Wall	ppt
13	II	IV	Plant Physiology & Metabolism	iv	Mineral Nutrition	ppt
14	II	IV	Basics of Fruit Science(Pomology)	IV	Cultivation of Mango	ppt
15	II	IV	Pests & diseases in Horticulture plants and their management	V	Pests & Diseases in Horticulture crops	Video
16	III	V	Plant propagation	VIA	Cultivation of Amla	ppt
17	III	V	Plant propagation	VIA	Harvesting of fruits	ppt
18	III	V	Ornamental Horticulture	VIA	Preparation of Nursery beds	ppt
19	III	V	Ornamental Horticulture	VIA	Terrarium	ppt
20	III	V	Ornamental Horticulture	VIA	Beautification of railway station	video

Signature of Faculty

1. *K. Anand*
2. *M. Subathra*
3. *N. Polra*



V. Ananta Lakshmi
Signature of the Principal

PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA



Annavaram Satyavathi Devi GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), KAKINADA

(Under Jurisdiction of Adikavi Nannaya University, Rajamahendravaram)

Re-accredited by NAAC with B Grade

S. NO.	year	SEM	SUB	PAPER	TOPIC	TOOL USED
1.	II	III	TELUGU	III	VAMANAVATARAM	PPT
2.	I	I	TELUGU	I	SANDHULU	PPT
3.	I	I	SPL. TELUGU	I	ALAMKARALU	PPT
4.	II	IV	SPL. TELUGU	IV	ARDHAPARINAMAM	PPT
5.	II	IV	SPL. TELUGU	IV	STHREEVADAM	PPT
6.	III	V	SPL. TELUGU	V	BALAVYAKARANAM	PPT

Signature of Faculty .

1. M. S.
2. S. S.
3. P. Nagavallita



V. S. S.
Signature of the principal