

Zone:

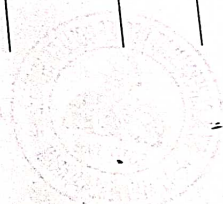
District:

Name of the College and Address	S.K.R. GOVERNMENT DEGREE COLLEGE (W)
Name of the Lecturer	DR. P. S. CH. P. DEEPIKA RANI
Name of the Subject	ZOOLOGY
Date of Joining in Degree College Date	26-07-2006


S.No	Key Indicator	List of files/ documents to be kept ready as a proof of Key Indicator	Information in support of the key indicator	Key Aspect Scores	Determine d Weightage (Wi) for Key Indicator	Date of Retirement Key Indicator Grade Points (KIGP) (A =3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KIWGP) = KIGP X Wi	KIWGP as per Academic Advisor's grading	Guidelines
I-CURRICULAR ASPECTS									
1	Curricular Planning and Implementation for Autonomous Colleges - Efforts for Curriculum Design and Development to be considered	Preparation and Implementation of 1. Annual Academic Curriculum Plan 2. Course Objectives & Outcomes 3. Teaching Diary 4. Lesson Plans 5. Active Participation in BOS	Course wise/Sem wise Records for the Academic Year Course wise/Sem wise Records for the Academic Year Invitation Letter & Attendance	2x5 = 10 2x5 = 10 10	30	A	90		1) All five key indicators =3 Grade points/A 2) Any four key indicators =2 Grade points/B 3) Any two key indicators =1 Grade points/C 4) No Indicator =0/D
2	Curriculum Flexibility/Enrichment	1. Additional inputs related to Curriculum of the courses taught 2. Value added courses offered & completed a) Certificate b) Diploma c) Any Online courses like MOOC's	a) Course wise/Sem wise additional inputs Reports b) Report on Certificate/ Diploma c) Any Online courses like MOOC's	10 2x5=10	20	B	30		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator =0/D
3	Feedback system	Feedback on Curriculum by Students a) Collected b) Analyzed c) Action taken	Course wise/Sem wise a) Reports of Feedback b) Analysis Reports c) Action taken Report	10	10	A	30		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator =0/D
II-TEACHING, LEARNING & EVALUATION									
4	Catering to Student Diversity	1. Report on grouping of students into Slow, Moderate and Advanced learners 2. Course wise activities designed for Slow, Moderate and Advanced learners 1. Report on Course wise Bridge Courses conducted 2. Report on Course wise Remedial coaching conducted	1. Course wise/Sem wise Reports with lists of students (Slow, Moderate and Advanced learners) 2. Course wise/Sem wise Activities designed for Slow, Moderate and Advanced learners 1. Course wise/Sem wise Reports on Bridge Courses conducted 2. Course wise/Sem wise Report on Remedial coaching conducted	10 2x5=10	20	A A	30 30		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator =0/D

No	Key Indicator	List of files/ documents to be kept ready as a proof of Key Indicator	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wi) for Key Indicator	Key Indicator Grade Points (KIGP) (A=3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KI-WGP) = KIGP X Wi	KI-WGP as per Academic Advisor's grading	Guidelines
5	Teaching-Learning Process	1. Report on student centered methods implemented (Course wise) 2. Report on implementation of ICT in teaching and learning (Course wise) or Report on implementation of Computer/Internet assisted learning (Course wise) 3. Report on the Use of LMS tools (Course wise) 4. Contribution for the development of LMS in the concerned subject 5. Report on innovative pedagogical Tools used	Course wise/ Sem wise Reports	50	50	B	100		1) All five key indicators =3 Grade points/A 2) Any three key indicators =2 Grade points/B 3) Any two key indicator =1 Grade point C 4) Below two=0/D
6	Teacher Profile and Quality	1. Report on Seminars/Conferences/ Workshops/ Guest Lectures organized 2. Report on Participation in Seminars/Conferences/Workshops/ Guest Lectures/ Invited talks 3. Awards and recognition 4. Participation in Short term/ Orientation /Refresher courses/FDPs 5. E- Content Development /MOOCs (Massive Open Online Courses) 6. Additional Qualifications acquired during the last two years	Reports and Certificates	30	30	B	60		1) Any five key indicators =3 Grade points A 2) Any three key indicators =2 Grade points B 3) Any two key indicator =1 Grade point C 4) Below two =0/D
7	Evaluation Process and Reforms	1. Report on Formative Evaluation (CIE) 2. Assignments-Critical, Innovative, text book and Internet based 3. Involvement in Summative evaluation 4. Maintaining Marks Register & Result Analysis register	Department wise reports regarding 1. Mid exams, Seminar Reports, Assignment books, Projects and any other tools of Internal Assessment 2. Departmental Internal Marks Register for CIA verified by the Principal	10 10 5 5	30	A	90		1) All four key indicator Metrics =3 Grade points A 2) Metrics 1, 2, 4 =2 Grade points/B 3) Metrics 1, 2, 3 =1 Grade point C 4) Below two =0/D
8	Student Performance and Learning Outcomes	1. Announcement and Attainment of Course Outcomes 2. Report on Student seminars/ Student demonstrations (Course wise) 3. Report on activities like Quiz/ Group discussion/ Poster presentation (Course wise) 4. Report on Field trips (Course wise) 5. Report on Student Study projects (Course wise)	Course wise Reports	5x6=30	30	A	90		1) All five key indicators =3 Grade points A 2) First KI Metric and any three other =2 Grade points B 3) First KI Metric and any two other =1 Grade point C 4) Below two =0/D

No	Key Indicator	List of files/ documents to be kept ready as a proof of Key Indicator	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wt) for Key Indicator	Key Indicator Grade Points (KIGP) (A =3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KIWGP) = KIGP X Wt	KIWGP as per Academic Advisor's grading	Guidelines
III- RESEARCH, INNOVATIONS AND EXTENSION									
9	Funding obtained for Research (Govt./Non-Governmental Bodies)	1. Minor Research Projects 2. Major Research Projects 3. Consultancy Projects	Letter of intimation and award letters (For Current Year only Either Ongoing OR Completed)	5 10 5	20	-	-		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C
10	Research Publications and Awards	1. Papers Published in Journals / Chapters published in edited volumes 2. Books published as single author 3. Books published as Co-Author 4. Papers/Chapters published as Co-Author (Note: A maximum of 3 publications in Scopus/Web of Science/ICJ or UGC -CARE Listed journals/Any book with ISBN shall be considered) 5. Research Guideship 6. Awards in recognition of research work		10 15 10 5 10 10	60	-	-		1) Any three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator=0/D
11	Extension Activities	Academic Extension activities through DRC/ Faculty Outreach (Curriculum/ Skill/Doman related) Involvement in activities related to community service a. Sensitising the students about the value of Community Service b. Organising the activity (A maximum of 5 Programmes resulting in Community Service like ODF/Swachh Bharat/UBA etc)	Reports in the NAAC format	10 5+5	20	A	60		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator=0/D
	Functional MoUs /Collaborations with Govt and Non Governmental Organisations	1. Collaboration with University/ Industry/NGO/ Any other Agency 2. Consultancy offered 3. Amount generated through Consultancy	MoUs - 5 points Consultancy offered -10 Amount generated through Consultancy - 5 points	20	20	-	-		1) All three key indicators =3 Grade points/A 2) Any two key indicators =2 Grade points/B 3) Any one key indicator =1 Grade point/C 4) No Indicator=0/D
IV - USE OF INFRASTRUCTURE & LEARNING RESOURCES									
	Physical facilities	Infrastructural facilities in the Department/Colleges a. Use of Digital Classrooms b. Use of Virtual Classroom c. Use of Labs d. Use of Library e. Nlist usage f. Maintenance of Departmental Library	Log books related to usage	20	20	A	60		1) Any four key indicators =3 Grade points/A 2) Any three key indicators =2 Grade points/B 3) Any two key indicators =1 Grade point/C 4) Below two Indicators=0/D



S.No	Key Indicator	List of files/ documents to be kept ready as a proof of Key Indicator	Information in support of the key indicator	Key Aspect Scores	Predetermined Weightage (Wi) for Key Indicator	Key Indicator Grade Points (KIGP) (A =3; B=2; C=1; D=0)	Key Indicator Wise Weighted Grade Points (KIWWGP) = KIGP X Wi	KIWWGP as per Academic Advisor's grading	Guidelines
V- ROLE IN STUDENT SUPPORT AND PROGRESSION									
14	Student Support	1. Counseling of students as Mentor/ Class teacher a. Student Profile Collection b. Semester wise updation and maintenance 2. Any other Study Material /Guidance a)Academic guidance for the advanced learner (offering suggestions/reference books) b)Handholding the slow learners (offering study material/question banks) 3. Guiding/Monitoring Students for CSP/Internship 4. Organizing/Participation in Parent Teacher Meetings	Reports in the NAAC format	20 10 10 10	50	A	150		1)All Four key indicators =3 Grade points/A 2)Any Three key indicators =2 Grade points/B 3)Any Two key indicator =1 Grade point C 4)Below two=0/D
15	Student Progression	Report on Programme/Course wise students' progression to a)Higher Education b)Employment c)Entrepreneurship	Reports in the NAAC format	10 10 10	30	B	60		1)All three key indicators =3 Grade points/A 2)Any two key indicators =2 Grade points/B 3)Any one key indicator =1 Grade point C 4)No Indicator =0 D
VI- ROLE IN INSTITUTIONAL GOVERNANCE									
16	Participation in Institutional Governance and Leadership	a)Contribution to Departmental Vision & Mission and Departmental Action Plan b)Participation in different institutional committees and preparation of committee reports c)Participation in different institutional activities that focus on value based education d)Contribution to IQAC/quality initiatives	Reports in the NAAC format	4x10	40	A	120		1)All Four key indicators =3 Grade points/A 2)Any Three key indicators =2 Grade points/B 3)Any Two key indicator =1 Grade point C 4)Below two=0/D
VII - BEST PRACTICES									
17	Best Practices	Identification and Contribution to a)The Departmental Best practices b)Institutional Best practices	Reports in the NAAC format	20	20	A	60		1)All Two key indicators =3 Grade points/A 2)Any one key indicator =2 Grade points/B 3)No Indicator=0 D
Total Grade points					500				

Name & Signature of the Principal


Name & Signatures of the Academic advisors
 1)
 2)
 3)

PRINCIPAL
 S.K.R. Government Degree College (Women)
 RAJAMAHENDRAVARAM.
 East Godavari Dist., Andhra Pradesh



Accredited at B+ Level by NAAC
RAJAMAHENDRAVARAM-East Godavari Dist. (A.P.)

PERFORMANCE APPRAISAL REPORT FOR SELF APPRAISAL OF TEACHERS
UPTO2023



A. General Information :

- a) Name : Dr.P.S.CH.P.D.RANI
b) Date of Birth : 01-05-1983
c) Residential Address : Dr No:48-17-3,Flat No:1B,
Mohana Krishna Residency,
Gandhipuram-1,Rajamahendravaram,
East Godavari District, Andhra Pradesh.
d) Designation : Lecturer
e) Department : Zoology
f) Area of Specialization :
g) Date of Appointment :26-07-2006
h) i) In the Institution : 26-7-2006
ii) In the Present Post :

B. Academic Qualifications:

Exam. Passed	Board/ University	Subject	Year	Division/ Grade Merit etc.,
High School	Board of Secondary Education	Telugu,Hindi,English, Maths,Science,Social	1998	I
Higher Secondary or Pre-Degree	Board of Intermediate Education	Bi.P.C Botany, Zoology,Physics, Chemistry	2000	I
Bachelor's Degree	Andhra University	B.Sc Botany,Chemistry.	2003	I

		Zoology		
Master's Degree	Andhra University	M.Sc Zoology	2006	I, Distinction
Research Degree(s)	Ph.D, Andhra University	Zoology	2018	I
Other Diploma/ Certificates etc.,				

C.Research Experience & Training :

Research Stage	Title of Work/ Theses	University where the work was carried out
M. Phil or equivalent	-----	-----
Ph.D	Studies on metazoan parasites of tuna <i>Euthynnus affinis</i> and <i>Auxisthazard</i> from Visakhapatnam coast, Bay of Bengal	Andhra University
Post-Doctoral	-----	-----
Publications	Seasonal variation of proximate composition of tuna	Andhra University



DEPARTMENT OF ZOOLOGY

2022-2023

Programme outcomes of MSc Zoology

1. Understand the biological diversity and grades of complexity of various animal forms through their systematic classification and comparative structural studies.
2. Learn how earth was formed and how life started and evolved on the planet through process of organic evolution.
3. Understand the roles of plants, animals and microbes in the sustainability of the environment and their interaction among themselves and deterioration of the environment due to anthropogenic activities.
4. Understand the concepts and principles of biochemistry, immunology, physiology, ethology, endocrinology, developmental biology, cell biology, genetics, molecular biology and microbiology.
5. Develop technical skills in biotechnology, bioinformatics and biostatistics.
6. Delve into the wonderful world of insects, their success on the planet and their diversity .
7. Acquire knowledge on harmful and beneficial insects, their adaptations for life and control measures.
8. Perform laboratory procedures as per standard protocols in the areas of animal diversity, systematics, cell biology, genetics, biochemistry, molecular biology, microbiology, physiology, immunology, developmental biology, environmental biology, ethology, evolution and Entomology.

COURSE OUTCOMES

SEMESTER -I

PAPER –I BIOSYSTEMATICS ,BIODIVERSITY AND EVOLUTION

- Acquire a thorough understanding of the principles and practices of systematics
- Provide an in-depth knowledge on the diversity and relationships in animal world
- Develop a holistic appreciation on the phylogeny and adaptations in animals
- Understand the taxonomic procedures to identify a species.
- Acquire the skills of nomenclature of species and sub species.
- Classify animals on the basis of their relation to other animals by body structure, external characters, development and DNA
- Apply the International rules of Nomenclature to give a scientific name to animals which are found during research.
- Understand the gradual development an This paper is aimed to introducing the students for the salient features of Taxonomy and Evolution. d evolutionary history of different kinds of living organisms from earlier forms over several generations
- Understand and demonstrate the internal anatomy of various animals, biodiversity and related indices

PAPER –II Tools and Techniques In Biology

This paper is aimed to Tools & techniques in Biology.

- This paper is aimed to Tools & techniques in Biology.
- Explain Microscopy, Colorimetry ,Chromatography principle, process, applications and working of related instruments.
- Demonstrate Microbiological, Cytological, Histological, Molecular biological techniques.
- Apply and demonstrate Immunological Surgical Immunodetection and Cell culture techniques.
- Understand Cryopreservation, Radioisotope and Isotope techniques and applications of all the techniques in biology

PAPER- III BIOMOLECULES

This paper is aimed to introduce molecular biology viz Amino acid, DNA, RNA and Enzyme.

- 1 To explain Biomaterial, Nanoparticles and their importance.
 - 2 To understand biological reactions, structure of protein, carbohydrates fats ,nucleic acids and their metabolism.
- Understand the chemical nature of life and life process
 - Develop an idea on structure and functioning of biologically important molecules
 - Generate an interest in the subject and help students explore the new developments in Biomolecules
 - Create curiosity in antioxidants and their role in cure of diseases.
 - Inculcate an interest for further research

This paper is aimed to introduce molecular biology viz Amino acid, DNA,RNA and Enzyme.

- 1 To explain Biomaterial, Nanoparticles and their Importance.
- 2 To understand biological reactions, structure of protein, carbohydrates fats, nucleic acids and their metabolism.

PAPER- IV MOLECULAR BIOLOGY

- Learn the structural and functional details of the basic unit of life at the molecular level
- Motivate the learner to refresh and delve into the basics of cell biology
- To introduce the new developments in molecular biology and its implications in human welfare •Provide a thorough knowledge on types and properties of Cancer and how normal cells become cancerous.
- Learn new strategies in cancer treatments.

SEMESTER –II

PAPER- I BIOSTATISTICS AND BIOINFORMATICS

- Impart concepts, generate enthusiasm and make awareness about the tools/gadgets and accessories of biological research
- Equip the learner to carry out original research in biology
- Inculcate analytical and critical thinking skills through problem solving
- Acquire hands on training in the use of various tools and techniques suggested in the course.
- Develop skills to solve scientific problems with statistical formulas.
- Expose the learners to the emerging field of bioinformatics and equip them to take up bioinformatic studies.

PAPER –II ANIMAL PHYSIOLOGY

- Learn to compare the functioning of organ systems across the animal world
- Get an over view of the comparative functioning of different systems in animals
- Learn more about human physiology, disorders and the preventive measures.
- Create awareness about physiological corrective measures in society.
- Understand the basic levels of various factors for proper functioning of body



PAPER –III IMMUNOLOGY

- Provide an intensive and in-depth knowledge to the students in immunology
- Understand the role of immunology in human health and well-being
- Familiarize the students the new developments in immunology
- Learn the way body fights foreign bodies
- Understand the risks in transplantation of organs.

PAPER –IV MOLECULAR BIOLOGY

1. Demonstrate knowledge of the central dogma of biology and predict outcomes when the process malfunctions.

Students will demonstrate ability to communicate knowledge about a research topic including organization, critical analysis, content, presentation, formatting, and stylistic choices

2. Understand various genetic processes and their applications to biological systems

SEMESTER –III

PAPER- I APPLIED ZOOLOGY

To develop a knowledge of enzymes and mechanism of their action in various biological reactions. 4 To understand

Knowledge of pollution of rivers, causes and control measures

PAPER –II DEVELOPMENTAL BIOLOGY

- Learn the concepts and process in developmental biology
- Understand and appreciate the genetic mechanisms and the unfolding of the same during development
- Create awareness on new developments in embryology and its relevance to Man
- Acquire knowledge on teratogenesis and generate awareness in society.
- Understand the causes of infertility and can take preventive measures

PAPER – III METABOLIC CELL FUNCTION AND REGULATION

To develop a knowledge of enzymes and mechanism.

Understand the Immobilized enzymes

PAPER- IV PRINCIPLES OF ECOLOGY

This paper is aimed to introducing the students for Population Ecology & Environmental Physiology

1. Understand population and its characters and regulation.
2. Correlate physiological adaptations to environment and pollution, control measures for environmental degradation.as well as risk factors to human health.
3. Understand limiting factors, predator-prey relationships and physiological responses of the body to environment

SEMESTER –IV

PAPER –I NEUROPHYSIOLOGY AND ANIMAL BEHAVIOR

- From this paper introduced about the animal behavior and its neurophysiology.
- Understand neurophysiology of perception memory, domestic animal and human behaviour. Analyse processes at different levels and neurophysiology of sensory processing of animal behaviour.
- Classify behavioral patterns, communication, learning and memory.

PAPER –II ANIMAL CELL CULTURE AND STEMCELL TECHNOLOGY

- Explain Clinical Applications of Stem cell therapy
- Understand the Hybridoma technology

PAPER –III AQUACULTURE

- Develop a knowledge of farming of aquatic organisms for increasing food production and animals beneficial to human.
- Observe culture techniques, farm management and hatchery operations.
- Analyse harvesting and marketing strategies. • Understand the technique of fish preservation and Water quality monitoring techniques.

PAPER –IV ANIMAL BIOTECHNOLOGY AND BIO-ETHICS

Give students an intensive and in-depth learning in the field of biotechnology

- Understand the modern biotechnology practices and approaches with an emphasis in technology application, medical, industrial, environmental and agricultural areas
- Learn the students with public policy, biosafety, and intellectual property rights issues related to biotechnology

ANNUAL CURRICULAR PLAN (ZOOLOGY DEPARTMENT) 2022-'23

S.K.R.GOVERNMENT DEGREE COLLEGE FOR WOMEN, RAJAMAHENDRAVARAM
(Zoology)

CLASS & GROUP: M. Sc

NAME OF THE LECTURERS: Dr.P.S.CH. P. DEEPIKA RANI, M.KASMA

MONTH	PAPER	Hours	Syllabus Topic	Additional input/Value addition to be provided/taught	Curricular Activity				Co-Curricular Activity		
					Activity to be conducted	Hours allotted	Whether Conducted	If not alternate date	Activity to be conducted	Hours allotted	Weightage
Dec	I(F)	04	Microbial Fermentation, Design, Operation, Principle and types of fermenter and Biosensors Industrial production of chemical solvents (Alcohol), Acids (Citric, Lactic), Industrial production of antibiotics(Penicillin & Streptomycin) Vitamins(Riboflavin,B12),Single Cell Protein ,Industrial Production of Amino acids, Animal Breeding, Principles Structure of Livestock Breeding	Recent advances in Single Cell Protein use as a Feed ingredient in Aquaculture	G.D				Assignment	01	
					Q&A	01+01	Yes	-	Seminar	01	
	I(P)										
	II(F)		Introduction to Animal development, Patterns of Embryonic development, Fertilization, Oogenesis & Gametogenesis, Cleavage, Gastrulation (Frog, Chick), Neurulation, Specification of Cell Fate & Cellular basis of morphogenesis autonomous, Regulative syncytial development	The Molecular basis of Fertilization	G.D	01	Yes		Seminar	01	
									Assignment	01	
	II(P)										
	III(F)		Introduction to Ecology, Environmental concepts, Ecosystem structure & Function-Biotic & Abiotic Environments, Habitat & Niche, Dynamics of Ecosystem, Concepts of Primary Productivity, Mineral Cycling, Interspecific Interactions, Characteristics of Population	Effect of Urbanization on the Dynamics of Ecosystem Services: An analysis for	Q&A	01	Yes		Seminar	01	
					G.D	01	Yes		Assignment	01	

			decision making in Kolkata urban agglomeration							
III(P)										
IV(F)		Thermodynamic Principles and steady state conditions of living organisms, Organization and methods to study metabolism, Degradation of Glucose, Palmitic acid Phenylalanine, Energy metabolism and high energy compounds, Redox Potentials, Mitochondrial Electron Transport Chain	The effect of Palmitic acid on inflammatory response in macrophages an overview of molecular mechanisms	Q&A	01	Yes		Seminar	01	
				G.D	01	Yes		Assignment	01	
IV(P)										
I(F)		Artificial Insemination Techniques, Invitro Fertilization, Preservation Of Endangered Species, Germplasm bank, Production of Transgenic animals & their uses, Somatic Cell Nuclear Transfer In Humans, Potential Applications of Transgenic Animals-Animal Models For Diseases & Disorders	Potential Applications of Genetically Engineered (Transgenic) Animals in Medical Biotechnology for Human healthcare	Q&A	01	Yes		Seminar	01	
				G.D	01	Yes				
				Q&A	01	Yes		Assignment	01	
II(P)		Assay, Microscopy-Principles & Applications of Bright Field, Dark Field, Phase contrast, Fluorescence, TEM, SEM	Critical Issues in Scanning Electron Microscope Metrology	Q&A	01	Yes	-	Seminar	01	
II(F)		Mechanism of cellular differentiation-Ectoderm, Mesoderm, and Endoderm, Cell-Cell Communication, Development during organ formation, Introduction and competence, paracrine and other factor, Signal transduction cascades, Birth defects-Malformation		Q&A	01	Yes		Assignment	01	
II(P)		Biosystematics –Definition & Basic concepts,	Biosystematics		01	Yes	-	Seminar		

JAN		Importance & Applications of Biosystematics, Material Basis of Biosystematics, Biological Classification-Theories & objectives, Procedures in Taxonomy – Taxonomic collections, Keys, Types of Taxonomy, ICZN	and Conservation Biology: Critical Science Disciplines for the management of Insect Biological diversity	Q&A					01	
	III(F)	Population growth , Growth models and Optimal yield, Life histories strategies(r & k selection) Population Demography and life tables, Evolutionary ecology ,Community ecology, Community composition	The Application of Life table Functions : A Demographic Study	G.D	01	Yes		Assignment	01	Y
	III(P)	Chemical Foundation of Biology, Amino acids-classification, Protein- Classification, confirmation, Denaturation& Renaturation.		Q&A GD	01 01	Yes Yes				
	IV(F)	Storage and utilization of Biological energy Biosynthesis of urea ,Biosynthesis of Glucose ,Oleic acid and Prostaglandins , Nature of Enzymes	New Urea Derivatives as Potential Antimicrobial Agents: Synthesis, Biological Evaluation and Molecular Docking Studies	G.D	01	Yes		Assignment	01	Y
	IV(P)	Experimental system in cell biology, Biomembranes	Biological membranes	Q&A	01	Yes		Assignment	01	
	I(F)	Bioremediation –Solid and Liquid waste treatment, Biomass and Energy production from waste , bioleaching, Water pollution and its control, Microbiological approach of the waste water treatment, Bio-fertilizers, Mycorrhizal Bio-fertilizers, Bacterial fertilizers, Bio-pesticides in	Progress in Bioleaching, Par tB, applications of microbial process by the minerals industries	G D	01	Yes		-	-	

FEB		agricultural production							
	I(P)	Different Fixation & Staining Techniques for EM, Freeze- Etch, Freeze Fracture methods for EM,PH meter- Operation of PH electrode, Principles and Applications of Ion sensitive & Gas Sensing Electrode, Oxygen Electrode, Centrifugation, Chromatography, Principles, Instrumentation & Applications of UV & Visible Spectroscopy	Calcium dependent Affinity ligands for the Purification of Antibody fragments at neutral PH	Q&A	01	Yes	-	Seminar	01
	II(F)	Establishment of body axes, Anterior-posterior, Polarity role of maternal effector, segmentation and homeotic selector genes, Dorso - ventral Polarity Differential Gene Expression during Animal Development, Differential gene Transcription, Selective Neural RNA Processing & mRNA Translation, Differential Protein Modification, Regeneration Of Organs		G.D	01	Yes		Assignment	01
				Q&A	01	Yes		Seminar	01
	II(P)	Origin of Basic Biological Molecules, Abiotic synthesis of organic Monomers & Polymers, Operon & Haldane concept, Evolutionary Time scale, Origin & Diversification of Eukaryotes, Evolution Eukaryotic cell from Prokaryotes, Evolution of Eukaryotic Genomes, Molecular Divergence, Phylogenetics, Universal common ancestor & Tree of life, Evolutionary relationships among taxa, Concepts of Species, Speciation		G.D	01	Yes		Seminar	01
				Q&A	01	Yes		Assignment	01
III(F)	Concept of Ecological succession, Patterns of Biodiversity, Theory of Island Biogeography, Biogeographic Realms of the World, Biogeographic zones of India & Faunal Diversity, Hotspots-World, India, Environmental Stress-Environment Pollution, Major Drives of Biodiversity Change, Biodiversity Conservation, IUCN classification of Wild life, Concepts of Sustainable development		Q&A	01	Yes	-			
III(P)	Classification & Nomenclature of Carbohydrates, Chemistry & Biological role of Homo & Hetero Polysaccharides, Peptidoglycon ,Glyco proteins & Other glyco conjugates, Classification of Lipids & Fatty acids & their Physio-Chemical Properties,				01	Yes	-	Seminar	01

		Structure, Properties & biological role of Triacylglycerol, Phospholipids, Gangliosides, Prostaglandins, Thromboxanes & steroids		Q&A					Assignment	01
	IV(F)	Classification & Nomenclature of Enzymes, Kinetic analysis of Enzymes Catalyzed reactions, Metabolic Profile of Adipose, Neural, Hepatic & Muscle tissues, Metabolic Engineering, Immobilized Enzymes & their Applications.		-	-	-			Assignment	01
	IV(P)	Cytoskeleton, Cell - cell signaling, Cell - Cell adhesion & communication		GD	01	Yes	-	-	-	-
MAR	I(F)	REVISION								
	I(P)	Principles, Instrumentation & Applications of Infrared, NMR Spectroscopy, Spectrofluorimetry & Mass Spectrometry, X-Ray Diffraction, Radiolabelling Techniques, Microbiological techniques	Radiolabelling of Nanomaterials: advantages and Challenges	GD	01	Yes	-	-	-	-
	II(F)	REVISION								
	II(P)	Concept of Evolution, Population genetics, Phylogenetic gradualism, Punctuated Equilibrium & Origin of Higher Categories		Q&A	01	Yes	-	-	-	-
	III(F)	REVISION								
	III(P)	Nucleic acids & Nucleic acid sequencing		GD	01	Yes	-	-	-	-
	IV(F)	REVISION								
	IV(P)	Cell cycle, Genome organization, Intra cellular Protein Traffic		Q&A	01	Yes	-	-	-	-

Dr. Princy
Signature of the H.O.D

P. M. e
PRINCIPAL
S.K.R. Government Degree College (Women)
RAJAMAHENDRAVARAM
East Godavari Dist., Andhra Pradesh.

TEACHING DIARY FOR THE YEAR 2022 - 2023

Name of the Department / Subject : ZOOLOGY

Name of the Lecturer : Dr. P. S. CH. P. DEEPIKA RANI

Month & Year : DECEMBER - 2022

S. No.	Date	Day	Class	Period / Time	Medium	Theory / Practical	Topic Covered	Methodology Adopted	No. of Students attended	Teaching Aids Used	Student Activity Conducted	Remarks
1	02-12-22	FRIDAY	II M.Sc	IV 14.5-2.40	EM	THEORY	Introduction to Ecology, Environmental concepts, Ecosystem structure	Lecture	06	Blackboard	-	-
2			II M.Sc	V	EM	THEORY	Introduction to Metabolic Cell - Functions & Regulation	Lecture	06	Blackboard	-	-
3	03-12-22	SATURDAY					COMPENSATIVE HOLIDAY					
4	05-12-22	MONDAY	II M.Sc	IV, V & VI	EM	PRACTICAL	Production of Amylase by Batch Fermentation	-	04	ICT & Manual	-	-
5	06-12-22	TUESDAY	II M.Sc	I	EM	THEORY	Microbial fermentation - Batch, Continuous culture technique	Lecture	05	Blackboard	-	-
6			II M.Sc	II	EM	THEORY	Structure of Ecosystem	Lecture	05	Blackboard	Question and Answer	-
7	07-12-22	WEDNESDAY	II M.Sc	I	EM	THEORY	Design, Operation, Principle of Fermenters	Lecture	03	Blackboard	Group Discussion	-
8			II M.Sc	II	EM	THEORY	Thermodynamic Principles and steady state of living organisms	Lecture	04	Blackboard	Question and Answer	-
9			II M.Sc	IV	EM	THEORY	Thermodynamic Principles of steady state of living organisms	Lecture	04	"		-
10			II M.Sc	V	EM	THEORY	Types of fermenters	Lecture	04	"		-
11	08-12-22	TUESDAY	II M.Sc	I	EM	THEORY	Types of Biosensors	Lecture	05	"		-
12			II M.Sc	III	EM	THEORY	Dynamics of Ecosystem	Lecture	05	"	Seminar	-
13			II M.Sc	IV, V & VI	EM	PRACTICAL	Spotters - Invertebrate fauna	-	05	Specimens	-	-
14	09-12-22	FRIDAY	II M.Sc	IV	EM	THEORY	Dynamics of Ecosystem	Lecture	05	Blackboard		-
				V	EM	THEORY	Organisms, Methods to study Metabolism	Lecture	05	Blackboard		-
15	10-12-22	21.11.22					SECOND SATURDAY & SUNDAY					
16	12-12-22	MONDAY	II M.Sc	IV, V & VI	EM	PRACTICAL	Enumeration of Phytoplankton	-	02	Microscope	-	-
17	13-12-22	TUESDAY	II M.Sc	I, II	EM	THEORY	Industrial Production of Alcohol	Lecture	04	Blackboard		-
18				II	EM	THEORY	Alcohol and Ethane	Lecture	04	Blackboard		-
19	14-12-22	WEDNESDAY	II M.Sc	I	EM	THEORY	Industrial Production of Citric acid	Lecture	02	"	Assignment	-
20				III	EM	THEORY	Thermodynamic Principles of living organisms	Lecture	02	Blackboard		-
21				IV	EM	THEORY	Thermodynamic Principles of living organisms	Lecture	02	Blackboard		-
22				V	EM	THEORY	Industrial Production of Citric acid	Lecture	02	Blackboard		-
23	15-12-22	THURSDAY	II M.Sc	I, II & III	EM	THEORY	Industrial Production of Lactic acid	Lecture	02	Blackboard		-
24			II M.Sc	III	EM	THEORY	Alcohol and Ethane	Lecture	02	Blackboard		-
25			II M.Sc	IV, V & VI	EM	PRACTICAL	Enumeration of Zooplankton	-	02	Microscope		-
26	16-12-22	FRIDAY	II M.Sc	IV	EM	THEORY	Concepts of Primary Productivity	Lecture	04	Blackboard		-
27				V	EM	THEORY	Degradation of Glucose	Lecture	04	Blackboard		-
28	17-12-22	SATURDAY	II M.Sc	I, II & III	EM	PRACTICAL	Estimation of Carbohydrate by different methods	-	05	Colorimeter		-
29				IV	EM	THEORY	Degradation of Glucose	Lecture	05	Chart	Seminar	-
30				V	EM	THEORY	General cycling	Lecture	05	Blackboard		-
31	19-12-22	MONDAY	II M.Sc	IV, V & VI	EM	PRACTICAL	Selective isolation of actinomycetes from soil samples	-	05	ICT		-
32	20-12-22	TUESDAY	II M.Sc	I	EM	THEORY	Industrial Production of Penicillin	Lecture	03	Blackboard	Question & Answer	-

Signature of the Lecturer

Signature of the Department In-Charge

Signature of the Principal
S.K.R. Government Degree College (Women)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

TEACHING PLAN (SYNOPSIS)

Month: DECEMBER Subject: ZOOLOGY
 TOPIC: MICROBIAL FERMENTATIONS - Paper: APPLIED ZOOLOGY
 BATCH, CONTINUOUS CULTURE TECHNIQUES

Hours Required	01
Learning Objectives	To provide information related to types of culture, requisite factors & industrial applications.
Previous Knowledge to be reminded	Growth phases
Topic Synopsis	

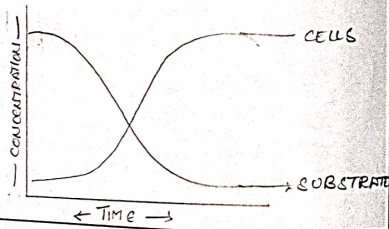
The growth of microorganisms is a highly complex and coordinated process, ultimately expressed by increase in cell number. The growth process depends on the availability of requisite nutrients, aeration, O₂ supply, temperature and pH.

- The microorganisms can be grown in batch, fed-batch, semi-continuous (a) continuous culture systems in a bioreactor.

BATCH CULTURE:

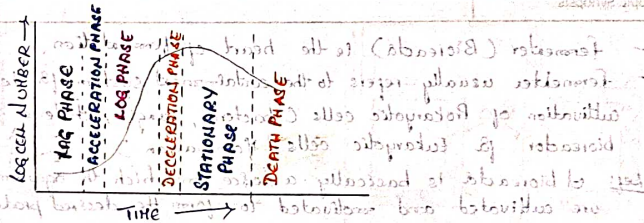
- A batch fermentation is regarded as a closed system
- Under optimal conditions, six typical phases of growth are observed in batch fermentation

1. Lag phase
2. Acceleration phase
3. Logarithmic (log) phase (Exponential phase)
4. Deceleration phase
5. Stationary phase
6. Death phase



Thrust areas	
Skill to be learnt by Student	
Examples/Illustrations	
Additional Inputs	Fermentation - Optimization of fermentation process

Teaching Models used	
Teaching Aids used	Blackboard
References cited	BIOTECHNOLOGY - U. SATYANARAYANA
Student Activity planned after the teaching	
Activity planned outside classes	
Any other	

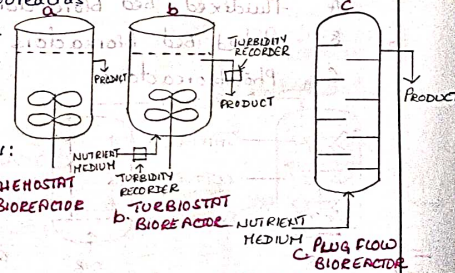


PATTERN OF MICROBIAL CELL GROWTH IN BATCH CULTURE

CONTINUOUS CULTURE:

- Continuous fermentation is an open system.
- It involves the removal of culture medium continuously and replacement of this with a fresh sterile medium.
- There are two common types of continuous fermentation. They are:

1. Homogeneously mixed bioreactors
 - a. chemostat bioreactors
 - b. Turbidostat bioreactors
2. Plug flow bioreactors



INDUSTRIAL APPLICATIONS OF CONTINUOUS FERMENTATION:

- Continuous fermentation have been used for the production of antibiotics, organic solvents, SCP, beer and ethanol besides waste-water treatment

CONTINUOUS FERMENTATION BIOREACTORS

Principal: *[Signature]*
 Incharge: *[Signature]*
 Lecturer: *[Signature]*



**S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM(Estd.1968)**

(Re-Accredited at B+Grade by NAAC, Affiliated to Adikavi Nannayya University)



CERTIFICATE OF COMPLETION

This is to certify that..... Regd .No
..... of SKR GOVERNMENT DEGREE COLLEGE (WOMEN),
RAJAMAHENDRAVARAM has completed her one month CERTIFICATE COURSE on
"VERMICOMPOST" from 20-01-2023 to 28-02-2023, organized by DEPARTMENT OF ZOOLOGY

G. Princy
COURSE CO-ORDINATOR

P. Princy
PRINCIPAL



DEPARTMENT OF ZOOLOGY

MEETING -5

A meeting was conducted in the department of zoology on 02/01/2023 at 5PM

AGENDA:

1. Intermediate pre final exams
2. Planning to conduct blood grouping tests for students & faculty members
3. Planning to organize Certificate course
4. Planning to visit Vermicompost unit at Nageswara nursery at Namavaram

<u>DEPARTMENT RESOLUTIONS</u>	<u>ACTION TAKEN REPORT</u>
1. It is resolved to conduct intermediate half yearly examinations	1. Intermediate half yearly exams conducted from 12/12/2022 to 17/12/2022
2. It is resolved to conduct U.G mid-I exams	2. Mid-I exams for U.G students conducted 3 rd & 4 th week of December month
3. It is resolved to students FRS has taken daily 1 st & last hours only	3. All the lecturers were instructed to take FRS attendance daily 1 st & 6 th hour

RESOLUTION

The department members met at 5PM and made the following

- It is resolved to conduct Intermediate prefinal examination from 30/01/2023
- It is resolved to conduct blood grouping tests for students & staff on 27/01/2023
- It is resolved to visit Vermicompost unit at Namavaram on 30/01/2023
- It is resolved to organize certificate course from 20/01/2023 to 28/02/2023

1. G. Deepa Pri
2. S. S. S. S. S.
3. H. Kalma

G. P. Prasad
(Signature of the H.O.D)



Vermicompost is 100% organic fertilizer, enhancing soil fertility and disease resistance with no harmful effect on plants.





S.K.R. GOVERNMENT DEGREE COLLEGE (W), RTY
 DEPARTMENT OF ZOOLOGY
 M.Sc ZOOLOGY
 BRIDGE COURSE
 2022-2023

TOPIC - DEVELOPMENT OF IMMUNE SYSTEM

DATE: 19/1/23

S.No	NAME OF THE STUDENT	SIGNATURE
1.	B. ALEKHYA	B. Alekhya
2.	CH. AMBIKA	Ch. Ambika
3.	D.V.S.S.S. LEELAVATHI	D.V. S.S.S. Leelavathi
4.	G. SURYA CHAKRAM	G. Suryachakram
5.	K. MANISHA	Manisha
6.	SK. HASCHA BEGUM	SK. Hascha Begum.
7.	S. RAMYA	S. Ramya
8.	V. SUSMITHA	V. Susmitha Smily

G.A. Prayag
 SIGNATURE OF
 THE HEAD OF THE
 DEPARTMENT



PRINCIPAL

S. Selpal
 SIGNATURE OF THE
 LECTURER

S.K.R GOVERNMENT DEGREE COLLEGE (W), RTV
 DEPARTMENT OF ZOOLOGY
 M.Sc ZOOLOGY
 2022 - 2023
 BRIDGE COURSE

TOPIC - Introduction to cell Biology Date - 21/1/23



S.NO	Name of the student	STUDENT signature.
1.	B. ALEKHIYA	B Alekha
2.	CH. AMBIKA	Ch. Ambika
3.	D.V.S.S.S. LEELAVATHI	D.V.S.S.S Leelavathi
4.	G. SURYA CHAKRAM	G. Suryachakram
5.	K. MANISHA	Manisha
6.	SK. MASEEMA BEGUM	SK. Maseema Begum
7.	S. RAMYA	S. Ramya
8.	V. SUSMITHA SMILY	V. Susmitha Smily

G. Prasad
 SIGNATURE OF THE
 HEAD OF THE
 DEPARTMENT



H. Karuna
 SIGNATURE OF THE
 LECTURER

PRINCIPAL
 S.K.R Government Degree College (W) (W)
 RAJAMAHENDRAVARAM,
 East Godavari Dist., Andhra Pradesh

**STUDIES ON THE NUTRITIONAL VALUE OF CHEERAMENU FISH
FOR HUMAN HEALTH FROM GODAVARI RIVER
East Godavari District, Andhra Pradesh.**

East Godavari District, Andhra Pradesh.

**Project submitted to the Department of Zoology for the practical fulfillment award
of Master's Degree in Zoology**

By

Kotipalli Sirisha

Reg. No.2183638001



Under the Guidance of

Dr.P.S.CH. P. DEEPIKA RANI

SKR Government Degree College (w)

Rajamahendravaram

DEPERTEMENT OF ZOOLOGY

CERTIFICATE

This is to certify that project work entitled "Dowleswaram, East Godavari District" was done by Kotipalli Sirisha with REGD NO.2183638001 during the IV semester of M.Sc. Degree in Zoology, at S K R Government Degree College for (W) Rajamahendravaram, for the partial fulfillment of M. Sc, Degree in Zoology. To the best of my knowledge this work has not been submitted anywhere for any Degree.

G. Prasad

P. Vijaya Kumar
21/9/23

ADIKAVI NANNAYA UNIVERSITY

PG SECOND SEMESTER REGULAR EXAMINATIONS SEP - 2023

AWARD LIST - THEORY (Internal Marks)

Max Marks: 25

College Code 836 SKR DEGREE & PG WOMEN'S COLLEGE

Course Code 38 MSc Zoology

Semester 2

Paper Code 2213811

Paper Title BIostatistics & Bio-Informatics

Date:

Register Number	Name of Student	Marks Obtained	Marks in words
2283638001	BATTU ALEKHYA	20	Twenty only
2283638002	CHIKKAM AMBIKA	19	Nineteen
2283638003	DEVARABHATLA V V S S LEELAVATHI	20	Twenty only
2283638004	GATTI SURYACHAKRAM	23	Twenty three
2283638005	KUSUMA MANISHA	23	Twenty three
2283638006	SHAIK NASEENA BEGUM	19	Nineteen
2283638007	SUDE RAMYA	21	Twenty one
2283638008	VEMULURI SUSMITHA SMILY	19	Nineteen

No. of Candidates Present : 08

No. of Candidates Absent : Nil

Signature of Examiners:

1) External: R. Kanna

2) Internal: P. S. Chp. Kanna

M.Sc ZOOLOGY (PREVIOUS)
[II SEMESTER THEORY & PRACTICAL MARKS]

REGISTER No	NAME OF THE CANDIDATE	PAPER - I										PAPER - II					
		BIOSTATISTICS & BIO-INFORMATICS										ANIMAL PHYSIOLOGY					
		I-MID	II-MID	AVERAGE	ASSIGNMENT	ATTEN-DANCE	SWACHHAT	TOTAL	PRACTICAL	I-MID	II-MID	AVERAGE	ASSIGNMENT	ATTEN-DANCE	SWACHHAT	TOTAL	PRACTICAL
		10M	10M	10M	05H	05H	05H	25H	12H	10M	10M	10M	05H	05H	05H	25H	12M
22836301	B. Alekhya	07	08	08	03	04	05	20	09	08	09	09	03	04	05	21	10
002	Ch. Ambika	07	08	08	03	03	05	19	08	08	08	04	03	05	20	09	
003	D.V.V.S.S. Leela Vathi	09	09	09	04	03	04	20	10	08	09	09	05	03	04	21	10
004	G. Surya Chakram	08	09	09	05	04	05	23	11	08	09	09	05	04	05	23	10
005	K. Hanisha	09	09	09	05	04	05	23	11	09	09	09	05	04	05	23	11
006	Sk. Naseema Begum	07	08	08	04	03	04	19	09	07	08	08	04	03	04	19	09
007	S. Ramya	08	08	08	04	04	05	21	10	08	09	09	04	04	05	22	10
008	V. Susmitha Smily	07	08	08	04	03	04	19	09	07	08	08	04	03	04	19	09

R. K. Kataria

R. K. Kataria

REGISTER No	NAME OF THE CANDIDATE	PAPER - III										PAPER - IV					
		IMMUNOLOGY										MOLECULAR BIOLOGY					
		I-MID	II-MID	AVERAGE	ASSIGNMENT	ATTEN-DANCE	SWACHHAT	TOTAL	PRACTICAL	I-MID	II-MID	AVERAGE	ASSIGNMENT	ATTEN-DANCE	SWACHHAT	TOTAL	PRACTICAL
		10M	10M	10M	05H	05H	05H	25H	12H	10M	10M	10M	05H	05H	05H	25H	12M
22836301	B. Alekhya	07	08	08	04	04	05	21	10	07	08	08	04	04	05	21	09
002	Ch. Ambika	07	08	08	03	03	05	19	09	07	08	08	04	03	05	20	10
003	D.V.V.S.S. Leela Vathi	09	09	09	05	03	04	22	10	08	09	09	04	03	04	21	10
004	G. Surya Chakram	08	09	09	05	04	05	23	11	09	09	09	05	04	05	23	11
005	K. Hanisha	09	09	09	05	04	05	23	11	09	09	09	05	04	05	23	11
006	Sk. Naseema Begum	08	09	09	04	03	04	20	09	08	09	09	04	03	04	20	09
007	S. Ramya	08	09	09	04	04	05	22	10	08	09	09	04	04	05	22	10
008	V. Susmitha Smily	08	09	09	04	03	04	20	09	08	09	09	04	03	04	20	10

Signature of the Lecturer: R. S. Chp. Kataria

R. S. Chp. Kataria

R. K. Kataria

Signature of the H.O.D: Ch. Pranjana

Signature of the Principal:

PRINCIPAL
 S.K.C. GOVERNMENT DEGREE COLLEGE (WOMEN)
 RAJAMAHENDRAVARAM,
 East Godavari Dist., Andhra Pradesh

		Diwancheruvu, Rajamahendravaram for II B.Sc CBZ students	
	II Week	I Midterm examinations III, II & I Year students	Done
	III Week)	Conduct blood grouping tests for students & faculty members in our campus	post pond to 24/1/23 Done
	IV Week (29/12/2022)	Conduct poster presentation competition for CBZ & M.Sc students on the occasion of "International Bio-diversity day"	Done
5	January-2023 I Week	Conduct of Field visit to vermicompost unit for I year CBZ students	post pond to 30-01-23 Done
	II Week	Sankranti sambaralu	Yes
	III Week	Photo album preparation in cell biology scientists by II CBZ students (28/1/2023)	Done
	IV Week	Visit to ICAR (central institute of fisheries education) at Balabhadrapuram, Kakinada for III CBZ & M.Sc students	Visited on 3-02-2023.
6	February-2023 I Week ((04/02/2023)	Conduct Essay writing competition on the occasion of "World cancer day"	Done
	II Week	II Midterm examinations for III, II & I Year students Conduct zoology museum exhibition	Done Conducted
	III Week	Prepare vermi compost bins by I CBZ students	Prepared by students on 9/12/2023
	IV Week (28/02/2023)	Remedial Coaching / Students feedback/ conduct chart exhibition by CBZ & M.Sc students on the occasion of "National Science day"	Conducted Done.
7	March-2023 I Week	Conduct of study hours	Done
	II Week	Preparation of e-content (even sem)	Done
	III Week	Preparation of curricular plans for even sem	Done
	IV Week	III Year students Internship (project work)	Organized "National webinar" on 23/2/2023.
8	April - 2023 I Week	Students Group Discussion	Done.

SKR GOVERNMENT DEGREE COLLEGE(WOMEN)

G.O.Ms.No.28,Higher Education Department, dated 10-08-2022

Reaccredited at B+ Grade by NAAC

Affiliated to Adikavi Nannayn University

Opp,T.T.D Kalyana Mandapam,Danavaipeta,Rajamahendravaram,E.G.Dist.,A.P

www.skrgcdwrjy.ac.in

Established 1968

E-mail: skrgcdwrjy@gmail.com

DEPARTMENT OF ZOOLOGY**ACTION PLAN FOR THE YEAR 2022-2023**

S.No	Date/Month	Proposed Activities	Remarks
1	September-2022 1 Week	Preparation of annual Action Plans	Yes
	2 Week	Preparations for internship program	Yes
	3 Week 22/09/2022	Started Internship for II Year V SEM students Conduct Elocution competition on the Occasion of "Global cancer patients day"(World rose day)	Sent students to internship Conducted
	4 Week	Preparation of Annual Curricular Plan I CBZ Students remedial coaching	Yes yes
2	October-2022 1 Week	Report on activities conducted in the department	yes
	2 Week	Preparation of e-content	yes
	3 Week	Conduct Orientation program for Degree First year students	Conducted
	4 Week	Conduct of bridge course to the I Year CBZ students	Conducted
3	November-2022 1 Week	Conduct of Assignment	Conducted
	2 Week	Conduct of Quiz / Students Seminars	yes
	3 Week (19/11/2022)	Marine fishes exhibition on the occasion of " World fisheries day"	Organized
	4 Week	Guest lecture	on POST HARVESTING TECHNOLOGY by K. Durgarao, Govt. A College, RSM
4	December-2022 I Week(01/12/2022)	Preparation of slogans by students to Conduct AIDS DAY Awareness rally Field Visit to Nature study center, coninga marine museum at Diwancheruvu,Rajamahendravaram	Organized post poned to next week due to optional holiday. Conducted on 14/12/22.

	II Week	Guest lecture	Postponed
	III Week 22/04/2023	Assignments Conduct plantation program in our campus by department of zoology staff members and students on the occasion of "Earth day"	Yes - No -
	IV Week	Conduct of student seminars	Yes
9	May - 2023 I Week	I Midterm examination for II & I Year	Summer holidays Online classes - Done.
	II Week	conduct of student Assignments	
	III Week	Conduct of student seminars	
	IV Week (31/05/2023)	Conduct of Quiz on the occasion of Anti tobacco day	
10	June - 2023 I Week	Conduct of students seminars/Assignments	- Done -
	II Week	II Midterm examinations for II & I Year (Online)	Postponed to July
	III Week	Remedial Coaching / Departmental feedback	Postponed to July
	IV Week	Conduct of study hours / Institutional feedback.	Postponed to July Done

Gt. Prayank
Signature of the H.O.D

P. K. ...
Signature of the Principal

PRINCIPAL
S.K.R. Government Degree College (Women)
RAJAMHENDRAVARAM.
East Godavari Dist., Andhra Pradesh



ఎస్కెఆర్ కళాశాలలో ఘనంగా ప్రపంచ మత్స్య దినోత్సవం

జన ప్రతిభవని / రాజమహేంద్రవరం

శ్రీమతి కందుకూరి రాజ్యలక్ష్మి ప్రభుత్వ మహిళా కళాశాలలో ప్రపంచ మత్స్య దినోత్సవాన్ని కళాశాల ప్రిన్సిపల్ డాక్టర్ పి.రాఘవ కుమారి గారు ప్రారంభించి విద్యార్థినిలకు ప్రపంచంలో ఉన్న మత్స్యముల యొక్క విశిష్టతను, ప్రపంచ మత్స్య దినోత్సవం యొక్క ప్రాముఖ్యతను తెలియజేశారు. ఈ ప్రదర్శనకు విచ్చేసిన ఎస్ కెవిటి గవర్నమెంట్ స్కూల్ విద్యార్థులకు కళాశాల విద్యార్థినులు మత్స్యముల యొక్క ఆర్థిక మరియు పోషక విలువలను గురించి తెలియజేశారు. ఈ కార్యక్రమంలో జంతుశాస్త్ర విభాగాధిపతి సిహెచ్ ప్రియాంక జంతుశాస్త్ర అధ్యాపకులు జి.దివ్య, డాక్టర్ దీపికారాణి, ఎమ్ కాస్మా పాల్గొన్నారు. ఈ కార్యక్రమాన్ని ఇంత ఘనంగా ప్రదర్శించిన జంతు శాస్త్ర విభాగాన్ని కళాశాల ప్రత్యేక అధికారి మరియు ఆర్డెడి డాక్టర్.సిహెచ్ కృష్ణ అభినందించారు.

G. Rajanik
Signature of the H.O.D

P. Me
Signature of the Principal
PRINCIPAL
S.K.R. Government Degree College (Women)
RAJAMAHENDRAVARAM
East Godavari Dist., Andhra Pradesh



BLOOD GROUPING TESTS BY STAFF



శ్రీమతి కందుకూరి రాజ్యలక్ష్మి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో రక్త వర్గ నిర్ధారణ పరీక్షలు



రాజమహేంద్రవరం: శ్రీమతి కందుకూరి రాజ్యలక్ష్మి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో జంతు శాఖ విభాగం వారిచే రక్త వర్గ నిర్ధారణ పరీక్షలు జరిపారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా విచ్చేసిన కళాశాల ప్రిన్సిపాల్ డాక్టర్ పి.రాఘవకుమారి మాట్లాడుతూ వివిధ రకముల రక్త వర్గములను గూర్చి ఉదాహరణలతో వివరించారు. ఈ కార్యక్రమంలో కళాశాల విద్యార్థినులు ఆసక్తిగా పాల్గొని వారి యొక్క రక్త వర్గములను పరీక్షించుకున్నారు. ఈ కార్యక్రమంలో జంతుశాస్త్ర విభాగాధిపతి సి.హెచ్.ప్రియాంక అధ్యాపకులు జి.టివ్యక్తి, డాక్టర్ పి ఎస్.హెచ్.పి టిపికారాణి, ఎమ్.కాస్మా.ఇ.విజయభారతి, ఎమ్. షారోన్ మాధురి పాల్గొన్నారు. జంతు శాస్త్ర అధ్యాపకులను విద్యార్థినులను కళాశాల ప్రత్యేక అధికారి డాక్టర్ సి.హెచ్.కృష్ణ అభినందించారు.

C. Purnima
Signature of the H.O.D

P. Ramesh
Signature of the principal
PRINCIPAL
S.K.R. Government Degree College (Wom. Co)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

INVITATION

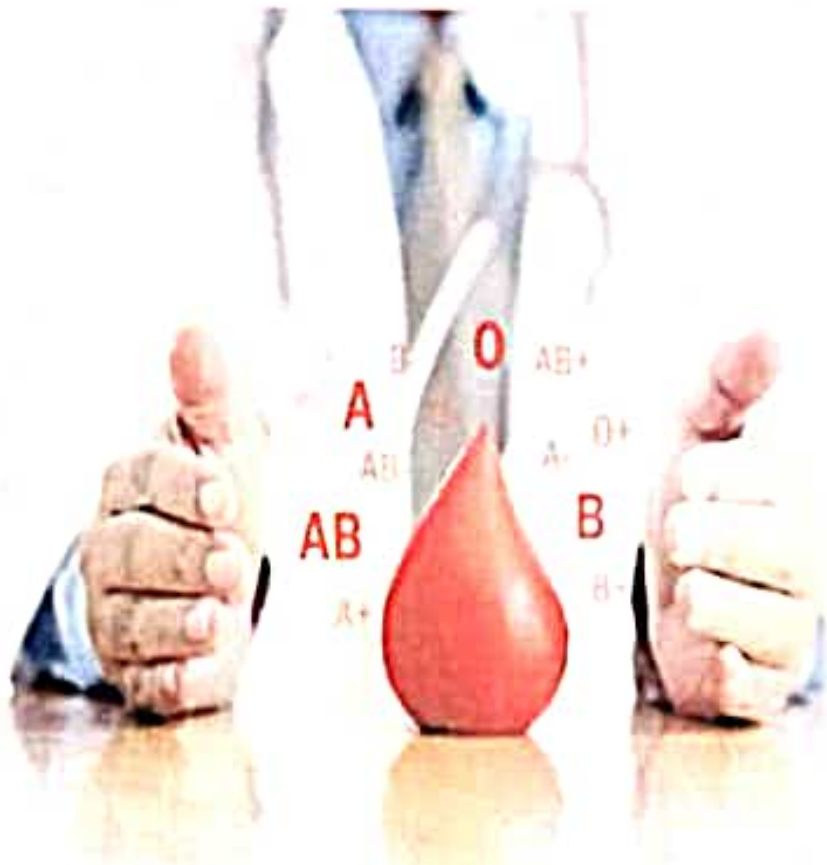
S.K.R COLLEGE FOR WOMEN, RAJAMAHENDRAVARAM

DEPARTMENT OF ZOOLOGY

Identification of blood grouping to staff and students

On

27/01/2023



TIME : 10 A.M ONWARDS

VENUE: ZOOLOGY INTERMEDIATE LABORATORY

INVITATION

S.K.R GOVERNMENT DEGREE COLLEGE (WOMEN), RAJAMAHENDRAVARAM

DEPARTMENT OF ZOOLOGY

FISHES EXHIBITION (LAB TO SCHOOL PROGRAMME)

On

2022-2023



DATE: 19/11/2022

TIME: 10A.M ONWARDS

VENUE: ZOOLOGY DEGREE LABORATORY

