

Date: 11

Name of the College and Address: SKR Government Degree College (Women), Bayamathal, Hassan, Karnataka
 Name of the Institute: T. NAGARAJU
 Name of the Officer: Safary
 Month/Year of Degree College Day: 01-08-2018

S.No.	Key Indicators	Assessment Questions to be kept ready as a proof of the indicator	Miscellaneous Reports of the Key Indicator	Key Report Status	Performance Indicators (PI) to be Indicated	Size of Indicators		B/W/G/P as per Academic Authority/College	Guidelines
						Key Indicator (KPI) (A, B, C, D, E, F, G, H)	Key Indicator Mark (KIM) (A, B, C, D, E, F, G, H)		
A-CURRICULAR ASPECTS									
1	Curricular Planning and Implementation (The Institution/College - Effectiveness of Curriculum - Study and Development of the Curriculum)	Preparation and Implementation of 1. Annual Academic Calendar 2. Course Outcomes & Outcomes	Course with Semester Reports for the Academic Year	2/5 (1)	70	B	60		7. All the key indicators - 7 Grade points A 8. Key indicator - 7 Grade points B 9. Key indicator - 7 Grade points C 10. Indicator - 0D
		1. Teaching Plan 2. Lesson Plan 3. Activity Participation in class	Course with Term wise Reports for the Academic Year	4/5 (1)					
		1. Attendance Report in Class 2. Value added courses offered to the students in the semester 3. Value added courses offered to the students in the semester	1. Evaluation Report for the Academic Year 2. Value added courses offered to the students in the semester	5/5 (0)					
2	Curriculum Evaluation/Revised	1. Value added courses offered to the students in the semester 2. Value added courses offered to the students in the semester	1. Evaluation Report for the Academic Year 2. Value added courses offered to the students in the semester	5/5 (0)	28	C	10		1. All the key indicators - 7 Grade points A 2. Key indicator - 7 Grade points B 3. Key indicator - 7 Grade points C 4. No indicator - 0D
		1. Evaluation Report for the Academic Year 2. Value added courses offered to the students in the semester	1. Evaluation Report for the Academic Year 2. Value added courses offered to the students in the semester	5/5 (0)					
3	Faculty in service	1. Faculty in service by Month 2. Faculty in service by Month 3. Faculty in service	1. Course with Semester Reports for the Academic Year 2. Evaluation Report for the Academic Year	5/5 (0)	9	A	30		1. All the key indicators - 7 Grade points A 2. Key indicator - 7 Grade points B 3. Key indicator - 7 Grade points C 4. No indicator - 0D
		1. Faculty in service by Month 2. Faculty in service by Month 3. Faculty in service	1. Course with Semester Reports for the Academic Year 2. Evaluation Report for the Academic Year	5/5 (0)					
B-TEACHING, LEARNING & EVALUATION									
4	Faculty of Student Services	1. Report on progress of the work in the field of Student Services 2. Report on progress of the work in the field of Student Services 3. Report on progress of the work in the field of Student Services	1. Course with Semester Reports with list of students (Slack, Moderate and Advanced learners) 2. Course with Term wise Reports for the Academic Year 3. Course with Semester Reports for the Academic Year	5/5 (0)	28	A	30		1. All the key indicators - 7 Grade points A 2. Key indicator - 7 Grade points B 3. Key indicator - 7 Grade points C 4. No indicator - 0D
		1. Report on progress of the work in the field of Student Services 2. Report on progress of the work in the field of Student Services 3. Report on progress of the work in the field of Student Services	1. Course with Semester Reports with list of students (Slack, Moderate and Advanced learners) 2. Course with Term wise Reports for the Academic Year 3. Course with Semester Reports for the Academic Year	5/5 (0)					
5	Faculty of Student Services	1. Report on progress of the work in the field of Student Services 2. Report on progress of the work in the field of Student Services 3. Report on progress of the work in the field of Student Services	1. Course with Semester Reports with list of students (Slack, Moderate and Advanced learners) 2. Course with Term wise Reports for the Academic Year 3. Course with Semester Reports for the Academic Year	5/5 (0)	28	A	30		1. All the key indicators - 7 Grade points A 2. Key indicator - 7 Grade points B 3. Key indicator - 7 Grade points C 4. No indicator - 0D
		1. Report on progress of the work in the field of Student Services 2. Report on progress of the work in the field of Student Services 3. Report on progress of the work in the field of Student Services	1. Course with Semester Reports with list of students (Slack, Moderate and Advanced learners) 2. Course with Term wise Reports for the Academic Year 3. Course with Semester Reports for the Academic Year	5/5 (0)					

No.	Key Indicator	List of their documents to be kept ready at a printed file	Information in support of the Key Indicator	Key Report Score	Problems of Weights/CRS for Key Indicator	Key Indicator Grade/Pass (KICP) - (A to D+ C to D)	Key Indicator Free Marginal Grade Pass (KIMWGP) - KICP % to	KIMWGP per Academic Session's grading	Grading
5	Learning/ Learning Process	<ol style="list-style-type: none"> 1. Report on the level of student's skills application (Course work) 2. Report on implementation of ICT in teaching and learning (Course work) 3. Report on implementation of Computer Literacy in school learning (Course work) 4. Contribution for the development of LMY in the concerned subject 5. Application regarding extension of Technology 	Course work Learning Reports	40	30	C	50		<ol style="list-style-type: none"> 1) All key indicators - 1 Grade pass A 2) All key indicators - 2 Grade pass B 3) All key indicators - 1 Grade pass C 4) Below two - D
6	Teacher Profile and Quality	<ol style="list-style-type: none"> 1. Report on Teacher's Conformity, Workdays, Class, Lesson prepared 2. Report on Participation in Seminars/Conferences/Workshops, Guest Lectures, invited talks 3. Awards and recognition 4. Participation in Short term, Orientation, Refresher courses/DPs 5. E-Content Development (MOOC) (Missing Open Online Courses) 6. Additional Qualifications acquired during the last two years 	Reports and Certificates	30	40	B	60		<ol style="list-style-type: none"> 1) All key indicators - 1 Grade pass A 2) All key indicators - 2 Grade pass B 3) All key indicators - 1 Grade pass C 4) Below two - D
7	Evaluation Practice and Culture	1. Report on Formative Evaluation (FE)	Department wise reports including	6	18	A	90		<ol style="list-style-type: none"> 1) All key indicators - 1 Grade pass A 2) All key indicators - 2 Grade pass B 3) All key indicators - 1 Grade pass C 4) Below two - D
		2. Assignments/Class, discussion, test book and Internal Exam	1. Mid exams, Termwise Reports, Assignment books, Projects and any other tools of Internal Assessment	9					
		3. Involvement in Summative evaluation	2. Departmental Internal Marks Report for CIA	4					
		4. Monitoring Marks Report & Board Analysis report	certified by the Principal	5					
8	Student Performance and Learning Outcomes	<ol style="list-style-type: none"> 1. Assessment and Absenteeism of Course Outcomes 2. Report on Student activities - Student Demonstrations (Course work) 3. Report on activities like Quiz, Group Discussion, Poster presentations (Course work) 4. Report on Field trips (Course work) 5. Report on Student Study projects (Course work) 	Course work Reports	100/100	30	A	90		<ol style="list-style-type: none"> 1) All key indicators - 1 Grade pass A 2) All key indicators and one other - 2 Grade pass B 3) All key indicators and one other - 1 Grade pass C 4) Below two - D

Key Indicator	List of Key Indicators to be kept ready as a proof of Key Indicators	Information in support of the key indicator	Key Aspects Score	Performance & Weightage (W) for Key Indicator	Key Indicator Grade Points (KIGP) - 1A, 1B, 1C, 1D, 1E	Key Indicator Weighted Grade Point (KIGWP) - KIGP x W	KIGWP as per Academic Admin's grading	Guidelines
III - RESEARCH, INNOVATIONS AND EXTENSION								
9	Leading research in Research Govt./Non-Governmental Bodies	1. Major Research Projects 2. Major Research Projects 3. Consultancy Projects	Letter of invitation and award letter if award. Year only. Letter Original OR Copied	5 10 5	20	-	-	1) All three key indicators - 1 Grade point A 2) Any two key indicators - 1 Grade point 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 / ISI / ICMAC / APJ Limited journals only. Book with ISBN shall be considered. 5. Research Fellowship 6. Awards in recognition of research work		10 15 10 5 10 10	40	C	20	1) Any three key indicators - 1 Grade point A 2) Any two key indicators - 1 Grade point B 3) Any one key indicator - 1 Grade point C 4) No Indicator - 0 D
11	Extension Activities	Academic Extension activities through DCE / Faculty Outreach Curriculum, Skill Domain related	Reports in the NMAC format	10	20	A	30	1) All three key indicators - 1 Grade point A 2) Any two key indicators - 1 Grade point B 3) Any one key indicator - 1 Grade point C 4) No Indicator - 0 D
		involvement in activities related to community service a. Sensitizing the students about the value of Community Service b. Organizing the activity c. A maximum of 5 Programs/activities in Community Service like DCE / Swachh Bharat / RA etc.	Reports in the NMAC format	3-4		B	20	
12	Functional Visits / Collaborations with Govt and Non Governmental Organisations	1. Collaboration with University/Industry/NGOs/Any other Agency 2. Consultancy offered 3. Amount generated through Consultancy	Video - 1 point / Consultancy offered - 10 / Amount generated through Consultancy - 1 point	20	20	C	5	1) All three key indicators - 1 Grade point A 2) Any two key indicators - 1 Grade point B 3) Any one key indicator - 1 Grade point C 4) No Indicator - 0 D
IV - USE OF INFRASTRUCTURE & LEARNING RESOURCES								
13	Physical facilities	Infrastructural facilities in the Department / College a. Use of Digital Classroom b. Use of Virtual Classroom c. Use of Lab / ITC or of Library d. Mock usage e. Maintenance of Departmental Library	Log books related to usage	20	20	A	60	1) Any four key indicators - 1 Grade point A 2) Any three key indicators - 1 Grade point B 3) Any two key indicators - 1 Grade point C 4) Below two indicators - 0 D

Sr. No.	Key Indicator	List of the documents/programs/activities/ projects/ key indicators	Information as reported by the key indicators	Key Indicators Score	Proficiency of Workload (20 to 30) 3-4-4-4	Key Indicator Grade Point (0-100) A=100, B=90, C=80	Key Indicator Weightage (0-100) = 100 %	EMWGP as per Academic Authority grading	Grades
V- ROLE IN STUDENT SUPPORT AND PROGRESSION									
14	Academic Support	1. Counseling of students in choice of course teacher 2. Student Profile Collection 3. Semester assignments and Mock tests 4. Analytical Study Material Guidance 5. Academic guidance for the job aspirants of B.Tech (Programme reference based) 6. Providing the class room/ self study reference material based 7. Conducting of Studies for CIP, etc., etc. 8. Organizing Seminars in Faculty Teacher Meetings	Report to the NAAC format	25 25 25 25	33	B	100		1. All Key indicators - 75 Grade point A 2. Key Indicators - 100 Grade point B 3. Key Indicators - 80 Grade point C 4. All Indicators - 90
15	Student Progression	Report on Progression Chart of students progression in Higher Education/Advancement/Engagement...	Report to the NAAC format	10 10 10	18	B	60		1. All Key indicators - 75 Grade point A 2. All Key indicators - 80 Grade point B 3. All Key indicators - 80 Grade point C 4. All Indicators - 80
VI- ROLE IN INSTITUTIONAL GOVERNANCE									
16	Participation in Institutional Governance and Leadership	1. Contribution to Departmental, Faculty Meetings and Departmental Action Plan 2. Participation in different institutional committees and preparation of various reports 3. Participation in different institutional activities like various social based activities 4. Contribution to ICAC quality assurance	Report to the NAAC format	40 40 40	10	A	120		1. All Key indicators - 100 Grade point A 2. All Key indicators - 100 Grade point B 3. All Key indicators - 100 Grade point C 4. All Indicators - 100
VII- BEST PRACTICES									
17	Best Practices	1. Best Practices of Computer in the Departmental Benches 2. Best Practices of Best Practices	Report to the NAAC format	25 25	50	A	60		1. All Key indicators - 100 Grade point A 2. All Key indicators - 100 Grade point B 3. All Indicators - 100
Total Grade points					90		925		

Signature of the Principal

Signature of the Head of the Institution

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



S.K.R.COLLEGE FOR WOMEN
Accredited at B+ Level by NAAC
RAJAMAHENDRAVARAM-East Godavari Dist. (A.P.)

PERFORMANCE APPRAISAL REPORT FOR SELF APPRAISAL OF TEACHERS
UP TO 2022

A. General Information :

- a) Name : T.NAGA MUNI
 b) Date of Birth : 04.06.1990
 c) Residential Address :
 D.73-5-3/5 NARAYANAPURAM,RJY
 EAST GODAVARI (A.P.)
 d) Designation : Lecturer
 e) Department : BOTANY
 f) Area of Specialization : BOTANY
 g) Date of Appointment :
 h) i) In the Institution : 21-08-2015
 ii) In the Present Post : ---- Do ----
 i) Honours Conferred :



B. Academic Qualifications:

Exam. Passed	Board/ University	Subject	Year	Division/ Grade Merit etc.,
High School	Board of Secondary Education, AP	TELUGU, HINDI, ENGLISH, MATHS, SCIENCE, SOCIAL	2006	I
Higher Secondary or Pre-Degree	Board of Intermediate Education, AP	B.I.P.C	2008	A GRADE
Bachelor's Degree	ANDRA University	B.Sc(BZC)	2011	B GRADE
Master's	ANDRA University	M.Sc(BOTANY)	2015	A GRADE

Degree				
Research Degree(s)				
Other Diploma/ Certificates etc.,	ANDRA University	B.Ed	2012	B grade

B. Research Experience & Training :

Research Stage	Title of Work/ Theses	University where the work was carried out
M. Phil or equivalent		
Ph.D.		
Post-Doctoral		
Publications		
Research Guidance (give name of students guided successfully)		
Training (Please Specify)		

C . Research Projects carried out.

1	Infokara Research	<u>Important Medicinal plants of Dhanvanthari medicinal garden at SKR government Degree College, Rajamahendravaram to maintain sustainable health and well being</u>	https://infokara.com/index.php/volume-12-issue-3-2023//
2	International Journal of Current Science	Isolation and culturing of four pathogens causing diseases in banana crops at rajamahendravaram, east godavari district, ap, india.	https://drive.google.com/file/d/1811ZNhevNzhqOqW2m2hkx7b36FLGY8bS/view?usp=share_link

C) Research Experience & Training :

SNo	Journal Name	TITLE	LINK
1	Infokara Research	<u>Important Medicinal plants of Dhanvanthari medicinal garden at SKR government Degree College, Rajamahendravaram to maintain sustainable health and well being</u>	https://infokara.com/index.php/volume-12-issue-3-2023//
2	International Journal of Current Science	Isolation and culturing of four pathogens causing diseases in banana crops at rajamahendravaram, east godavari district, ap, india.	https://drive.google.com/file/d/18117NhevNzhqOqW2m2hkx7b36FLGY8bS/view?usp=share_link

D) Research Projects carried out :

E) Details regarding refresher courses/orientation courses, Seminars, Conferences, Symposia, Workshops etc.,attended

D .Details regarding Refresher Courses/ Orientation Courses, Seminars, Conferences, Symposia, Workshops etc., attended

FDP's List
Mrs. T.NagaMuni

S.No	Date	Topic
1.	23 rd June to 25 th June 2020	Participated in 'A three days national level FDP on online teaching using ICT tools' organized by dept. of electronics and computer science in association with IQAC.
2.	13 th July 17 th July 2022	Participated in 5 days International Faculty Development Programme in Botany theme on "New Frontiers in Emerging Technologies" Organized by comissionarate of collegiate education,Ap,Vijayawada.
3.	29 th November to 3 rd December 2022	Participated in 5 days National level online Faculty Development Programme on "Effective Pedagogy for Science" Organized by Department of Physics and Mathematics, JMJ College For Women (A), Tenali.
4.	12 th June to 17 th June 2023	Participated in the 6-days training of the trainers programme on english medium of instruction , proficiency in English at nodal resource centre [NRC],govt college[A] Rajahmundry organized by commisionarate of collegiate education A.P Mangalgiiri.

Workshops list
Mrs. T.Naga Muni

S.No	Date	Topic
1	29 th November 2018	Has participated in the "WORKSHOP FOR ASPIRING WOMEN ENTREPRENEURS"
2	18 th December to 19 th December 2018	Attended two days national academics lecture workshop on " Biological Diversity & Biotechnology for Sustainable Environment, organized by school of life and health sciences, Adkavi Nannaya Univeristy, Rajamahendravaram.
3	12 th December 2019	Attended Workshop on "Skill Development" at SKR College For Women, Rajamahendravaram.

Teaching Experience:

Courses Taught	Name of the University/ College/ Institution	Duration
U.G	S.K.R. College For Women, Rajamahendravaram	Since 2015 till the date

Total Teaching Experience :
 a) Under Graduate : 9 years
 b) Post Graduate :

C. Innovations/ Contributions in Teaching:

- a) Designer Curriculum :
 b) Teaching Methods : PREPARED PPT PRESENTATION FOR DIFFERENT TOPICS IN ZOOLOGY
 c) Laboratory Experiments : DEMO AND COMPUTER AIDED TECHNIQUES
 d) Evaluations Methods :
 e) Preparation of Resource Material :
 Including Books, Reading Materials :
 f) Laboratory Manuals

ASSOCIATION Students Welfare and Discipline
taking genuine interest in the problems of the students.

: Always

Students discipline is ensured by checking their dress code, punctuality, regularity to the classes and whether the students are adhering to the colleges by-laws

c) Membership/ Participation in Bodies/
Committees on Education and
National Development

d) Professional Organization of Teachers

J) a) Membership of Professional Bodies/
Societies

b) Editorship of Journals

K) Assessment

a) Steps taken by you for the evaluation of the Course Programme taught.

L) General Data

State brief assessment of your performance indicating

Achievements

a) Difficulties faced and

b) Suggestions for Improvement :

T. Nagamuni
Signature of the lecturer

PROFORMA FOR ANNUAL CURRICULAR PLAN (Department of Botany): 2022-2023

Name of the college: S.K.R. Government Degree College (W), Rajamahendravaram

Name of the Department: Botany

Class & Group : B.Sc BZC

Name of the Lecturers: Smt.M.Sridevi , Kum.P.Sridevi, Smt.T.Nagamuni

Month	Paper	Hours available	Syllabus topic	Additional Input/Value addition to be provided /taught	Curricular Activity				Co-Curricular Activity				Remarks
					Activity to be conducted	Hours allotted	Whether conducted	If not alternate Date	Activity to be conducted	Hours allotted	Whether conducted	If not alternate Date	
November	I	16	Origin of life, concept of primary, abio- genesis, discovery of microorganisms, special group of bacteria, eubacteria. General characters of fungi.	Observing the disease parts in plants.	Assignment	1hour	Yes		Diseasesharamabam 1 hour per for 15 days taken	15 hours	Yes		
	SD	08	Plant Nursery- Definition and importance, different types of nurseries. Basic facilities for a nursery. Plant propagation structure. Bureau of Indian standards related to plant nursery.	Observing Local nurseries.	Student Seminar	1 hour	Yes		Field trip to Kadim Nurseries	half day	Yes		
	III	17	Anatomy of angiosperms, apical meristem tissue system, embryology of angiosperms- structure of anther.	Somatic embryogenesis	Assignment	1hour	Yes		Field trip to Coranga - Wild life sanctuary	1 day	Yes		
	VI C	05	Basic concepts of Plant Tissue Culture. Plant Tissue Culture - Scope & Significance, Totipotency, types of cultures.Sterilization techniques and culture media.	Identify various facilities required to set up a plant tissue culture laboratory	Student Seminar	1hour	Yes						
	VII C	04	Introduction and value of Mushrooms - Morphological features of any 4 edible mushrooms - Button mushroom, Milky mushroom, oyster mushroom and Paddy straw mushroom. Nutritional value of mushroom	Identify the basic infrastructure to establish a mushroom culture unit.	Student Seminar	1 hour	Yes		Cultivation of Milky Mushroom by students at Botany lab	Per day 1hour	Yes		

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ANNUAL CURRICULAR PLAN (BOTANY DEPARTMENT) 2022-23

S.K.R.Government Degree College (W) Rajamahendravaram

CLASS & GROUP: I, II, III B.Sc CBZ

NAME OF THE LECTURERS: Mrs. M.Sri Devi, Ms. P.Sri Devi, Mrs.T.Naga Muni

Month	Paper	Hours available	Syllabus Topic	Additional input/Value addition to be provided/taught	Curricular Activity				Co-Curricular Activity				Remarks
					Activity to be conducted	Hours allotted	Whether Conducted	If not alternate date	Activity to be conducted	Hours allotted	Whether Conducted	If not alternate date	
April	II	12	Pteridophyta: General characters Lycopodium. Gymnosperms :general characters cycas. Basic taxonomy :Aim scope of taxonomy Plant taxonomy; Nomenclature	Fossil gymnosperms, Engl & Prantl System of Classification	Assignment	1 hour			quiz	1 hour	Yes		
	IV A	13	Physiology: physical properties of water, mineral nutrition, photosynthesis, pigments, light reaction	Role of PSI & PSII imp of C4 plants in photosynthesis	Assignment	1 hour			Value Added course- natural farming in Rythu sadhikara samstha (RYSS)	40 hours			
	IVB	13	Cell theory, Ultra structure of plant cell, cell wall plasma membrane, plastids, chloroplasts, plastid DNA	Cell division - Mitosis in Root tips of Onion bulbs & Meiosis in Onion flower buds.	Assignment	1 hour							
	III B.Sc	--	--	--	internship	--	--	--					
	II	05	Pteridophyta : Marselia, Stelar evolution Gymnosperms: Gnetum , Geological timescale Taxonomy: Herbarium, BSH Classification, Annonaceae, Cucurbitaceae	Selaginella life history Herbarium Collection	Assignment	1 hour							
	IVA	04	Macromicro nutrients Classification of enzymes Nitrogen fixation	Growth hormones & Collection of podded plants and showing root nodules.	Assignment	1 hour							


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May	IVB	03	Chromosomes: Euchromatin hetero chromatin Chromosomal structure numerical changes Organization of DNA in Chromosome	rDNA technology, Models of Nucleic Acids	Student Seminar	1 hour							
	III B.Sc	--	--	--	Internship	--	--	--	--	--	--	--	--
June	II	16	Pteridophyta : Heterospory seed habit Gymnosperms: Cycadeoidea. Taxonomy: Asteraceae, Asclpidaceae, Amaranthaceae, Euphorbiaceae	Dry Flower bouquet preparation Bentham and hooker classification	Student Seminar	1 hour		Field visit to Mushroom cultivation	1 day				
	IV A	16	Physiology: Enzymes, Photo respiration, Lipid metabolism, Growth & Development	Germinated seeds of Chanadal, Glycolysis	Assignment	1 hour		Peer teaching	1 hour				
	IV B	16	Mendal's laws of inheritance, Linkage and crossing over Watson and Crick model of DNA	Transformation Models of DNA	Student Seminar	1 hour		Peer teaching	1 hour				
	III B.Sc	--	--	--	Internship	--	--	--	--	--	--	--	--
July	II	15	Taxonomy : Araceae & Poaceae APG IV Phytogeography : Endemism World & India & A.P	Herbarium Collection Mapping	Assignment	1 hour		Herbal Garden Upgradation	1 hour				
	IV A	16	Physiology : Translocation of organic solution, Phytohormones Photoperiodism & Harvesting	Water potential IAA, 2,4-D (Weedicide)	Student Seminar	1 hour							
	IV B	16	Plant Breeding and its scope Pure line selection and Clonal selection Hybridization	DNA markers, Tissue Culture Instruments	Assignment	1 hour		Herbal Garden Upgradation	1 hour				
	III B.Sc	--	--	--	Internship	--	--	--	--	--	--	--	--


SIGNATURE OF THE INCHARGE


SIGNATURE OF THE PRINCIPAL
PRINCIPAL
S.K.R. Government Degree College (Womens)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

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

(Re-Accredited at Postgraduate by NMAC, Affiliated to Akkamahendravaram University)



DEPARTMENT OF BOTANY
PROGRAMME OUTCOMES - 2022-2023

Programme Objectives and Outcomes	
B.Sc - CBZ	<p>1. Objectives:</p> <ul style="list-style-type: none">• To provide a comprehensive knowledge on various aspects related to microbes and plants.• To deliver knowledge on latest development in the field of plant sciences with a practical approach.• To produce a student who thinks independently, critically and discuss various aspect of plant life.• To enable the graduate to prepare and pass through National and international examination related to botany.• To empower the student to become an employee or an entrepreneur in the field of Botany/biology and to serve the nation. <p>2. Outcomes:</p> <ul style="list-style-type: none">• Understand the basic concepts of Botany in relation to its allied core courses.• Perceive the significance of microbes and plants for human welfare, construction and functional aspects of plants.• Demonstrate simple experiments related to plant sciences, analyse data and interrupt them with the theoretical knowledge.• Work in teams with enhanced interpersonal skills.• Develop the critical thinking with scientific temper.• Effectively communicate scientific Ideas both orally and writing.



S.K.R. GOVERNMENT DEGREE COLLEGE(WOMEN)
RAJAMAHENDRAVARAM(Est'd,1968)

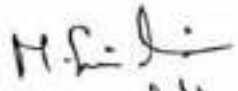
(Eo Accredited at B+Grade by NAAC, Allotted to Adikavi Nannayya University)



DEPARTMENT OF BOTANY
COURSE OUTCOMES - 2022-2023

SEM	NAME OF THE COURSE	COURSE OUT COMES
Sem - 1	Fundamentals of Microbes and Non Vascular Plants	<p>On successful completion of this practical course, student shall be able to:</p> <ul style="list-style-type: none">• Demonstrate the techniques of use of lab equipment, preparing slides and identify the material draw diagrams exactly as it appears.• Observe the identify microbes and lower groups of plants on their own.• Demonstrate the techniques of inoculation, preparation of media etc.• Identify the material in the permanent slides etc.
Sem - 2	Basics of Vascular plants and Phyto geography	<p>On Successful completion of this course students shall be able to:</p> <ul style="list-style-type: none">• Demonstrate the techniques of section cutting, plastic preparing slides, identifying of the material under drawing exact figures.• Compare and contrast the morphological, anatomical and reproductive features of vascular plants.• Identify the local angiosperms of the families prescribed to their genus and a species level and prepare herbarium.• Exhibit skills of preparing slides, identifying the given twigs in the lab and drawing figures of plant twigs, flowers and floral diagrams as they are.• Prepare and preserve specimens of local wild plants using herbarium technique.
Sem - 3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	<p>On successful completion of this course student shall be able to:</p> <ul style="list-style-type: none">• Get familiarized with techniques of section making, staining and microscopic study of vegetative, anatomical and reproductive structure of plants• Observe externally and under microscope identify and draw exact diagrams of the material in the tab.• Demonstrate application of methods in plant ecology and conservation of biodiversity and qualitative and quantitative aspects related to population and communities of plants.

		<ul style="list-style-type: none"> • Demonstrate skills preparation of compost and spawn. • Acquire a critical knowledge on cultivation of some edible mushrooms. • Explain the methods of storage preparation of value added products and marketing.
Sem -6	Internship	<ul style="list-style-type: none"> • Explore career alternatives prior to graduation. • Integrate theory and practice. • Assess interests and abilities in their field of study. • Learn to appreciate work and its function in the economy. • Develop work habits and attitudes necessary for job success. • Develop communication, interpersonal and other critical skills in the job interview process. • Build a record of work experience. • Acquire employment contacts leading directly to a full-time job following graduation from college. • Identify, write down, and carry out performance objectives (mutually agreed upon by the employer, the MCC experiential learning supervisor, and the student) related to their job assignment.


 Signature of the HoD
 Department
BOTANY
 S.K.R. Government Degree College (W)
 RAJAMAHENDRAVARAM,
 East Godavari Dist., Andhra Pradesh




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

ANNUAL CURRICULAR PLAN

Name of the College: S.K.R Government Degree college (w) R34
 Name of the Lecturer: T. Nagamuni
 Class: I BSc
 Year: 2022-2023
 Paper: I

S. No.	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
	Nov.	4	3	1. Origin of the terms 2. mitroshkin classification 3. parsons. vionds. 4. Timu. structure	Plant Kingdom classification	Assignments	1hr	Yes	-	Directly value hour for today	1hr	Yes		

T. Nagamuni
Signature of the Lecturer

M.S. L.
Signature of the Department In-Charge

Signature of the Principal

ANNUAL CURRICULAR PLAN

Name of the College: S.K.R GDC (w) R34
 Name of the Lecturer: T. NAGAMUNI
 Class: I BSc
 Year: 2022-2023
 Paper: VIII

S. No.	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition Provided / taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
	Dec	3	4	1. Basic require ments of cultivation System 2. Small unit tillage 3. Pest management 4. methods of composting long method and short method of composting	Cultivation of milky mushrooms	Seminar	1	Yes	-	Exhibition cum sale on milky mushrooms in the college campus	2hr	Yes		

T. Nagamuni
Signature of the Lecturer

M.S. L.
Signature of the Department In-Charge

Signature of the Principal

ANNUAL CURRICULAR PLAN

Name of the College: S.V.R.G.P.C.E.H

Class: BSc

Year: I BSc

Page: 11

Name of the Lecturer: T. Nagaraj

S. No.	Month	Week	Weeks Available	Syllabus Topic	Additional Topic / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
		1 st	2	Adaptive and biotic factors										
	Dec	1 st	1	Climate factors	biotic factors	Assignment	1	yes	-	-	-	-	-	
		2 nd	1	Hydrogen										
		3 rd	1	ecology										

T. Nagaraj
Signature of the Lecturer

H. J. L.
Signature of the Department In-Charge

[Signature]
Signature of the Principal

ANNUAL CURRICULAR PLAN

Name of the College: S.K.R. Govt. Arts

Class: I BSc

Year: 2022-2023

Page: 11

Name of the Lecturer: T. Nagaraj

S. No.	Month	Week	Weeks Available	Syllabus Topic	Additional Topic / Value Addition Provided / Taught	Curricular Activity				Co-Curricular Activity				Remarks
						Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	Activity Conducted	Hours allotted	Whether conducted	If not, alternate date	
		1 st	2	stability, natality, growth, disease, ecology										
		2 nd	1	— population										
		3 rd	1	— population										
		4 th	1	— population										
		5 th	1	— population										

T. Nagaraj
Signature of the Lecturer

H. J. L.
Signature of the Department In-Charge

[Signature]
Signature of the Principal

TEACHING DIARY FOR THE YEAR 2020 - 2021

Name of the Department / Subject: **BOTANY**
 Name of the Lecturer: **T. NARAYANANI**

2021
 Month & Year: **November**

S. No.	Date	Day	Class	Perio (Time)	MC	Theory/Practical	Topic Covered	Methodology Adopted	No of Slides / 10 slides	Teaching Aids Used	Student Activity Conducted	Remarks
14/11/21	Tuesday	II BSc	2-0	PM	Theory	Ecological Succession - Hydrophytes	Lecture	36	Black board chalk			
15/11/21	Wednesday	II BSc	10-00	EM	Theory	Cyber Mithra	"	36	"			
		II BSc	11:45 to 1:30	PM	Practical	Str. Coliform culture	Descriptive	20	Photography			
16/11/21	Thursday	II BSc	10-55	EM	Theory	Milly mushroom	Lecture	32	Black board chalk			
		II BSc	11:00	EM	Practical	Arum bulb S. rostratum growth	Descriptive	45	Black board chalk			
		II BSc	2:00	EM	Theory	Arum bulb S. rostratum structure	Lecture	55	Black board chalk			
18/11/21	Monday	III BSc	10:00	EM	Theory	Arum bulb S. rostratum structure	"	46	"			
		III BSc	11:45 to 2:30	EM	Practical	Arum bulb S. rostratum structure	Descriptive	24	Photography			
19/11/21	Tuesday	II BSc	1:45	EM	Theory	Ecological Succession - Succession	Lecture	48	Black board chalk			
		II BSc	1:45 to 2:30	PM	Practical	Arum bulb S. rostratum structure	Descriptive	20	Photography			
20/11/21	Wednesday	III BSc	10:00	EM	Theory	Succession in plants	Lecture	47	Black board chalk			
21/11/21	Thursday	II BSc	11:55	EM	Theory	Pleurotus pulmonarius	"	23	"			
		II BSc	2:40	EM	Theory	Pleurotus ostreatus, Agaricus bisporus	"	33	"			
22/11/21	Friday	II BSc	10:00	EM	Theory	Pleurotus ostreatus	"	38	"			
		II BSc	11:45 to 12:30	EM	Practical	Agaricus bisporus, Pleurotus ostreatus	Descriptive	20	Photography			
23/11/21	Saturday	III BSc	10:00	EM	Theory	Pleurotus ostreatus	Lecture	38	Black board chalk			
		III BSc	1:00	EM	Practical	Field visit with 1st section at	Descriptive	20	Black board chalk			Major Report
24/11/21	Monday	III BSc	10:00	EM	Theory	Photo Synthesis in higher plant	Lecture	49	Black board chalk			
		III BSc	11:45 to 1:30	EM	Practical	Draw the Pathway show mechanism	Descriptive	33	Photography			
25/11/21	Tuesday	II BSc	11:55	EM	Theory	Population ecology -	Lecture	45	Black board chalk			
		II BSc	11:45 to 1:30	PM	Practical	Draw the Pathway show mechanism	Descriptive	31	Photography			
26/11/21	Wednesday	III BSc	10:00	EM	Theory	Commercial openy closing standards	Lecture	44	Black board chalk			
1/12/21	Thursday	II BSc	11:50	EM	Theory	Age pyramid	Lecture	49	"			
		II BSc	11:45 to 1:30	PM	Practical	Commercial Spore preparation	Descriptive	25	Photography			
2/12/21	Friday	II BSc	10:00	EM	Theory	Pleurotus florida	Lecture	39	Black board chalk			
		II BSc	11:45	PM	Practical	Commercial Spore preparation	Descriptive	22	Photography			
3/12/21	Saturday					Optional holiday						
4/12/21	Monday	III BSc	10:00	EM	Theory	Water potential, Osmosis	Lecture	50	Black board chalk			
		III BSc	11:45 to 1:30	EM	Practical	Osmosis Methods	Descriptive	32	Photography			
6/12/21	Tuesday	II BSc	10:55	EM	Theory	Population growth & growth curve (Hour growth curve)	Lecture	49	Black board chalk			
		II BSc	11:45 to 1:30	PM	Practical	Cyber Mithra	Descriptive	20	Test book			
7/12/21	Wednesday	II BSc	10:00	EM	Theory	conservation of Biodiversity	Lecture	46	Black board chalk			
		II BSc	11:55	EM	Theory	Cyber Mithra	"	39	"			
8/12/21	Thursday	II BSc	11:55	EM	Theory	Nutritional value of mushroom	Lecture	30	Black board chalk			

Signature of the Lecturer: **T. Narayanani** Signature of the Department in-Charge: **T. Narayanani** Signature of the Principal: **T. Narayanani**

TEACHING DIARY FOR THE YEAR 2022 - 2023

Name of the Department / Subject: **BOTANY**

Page No.

Name of the Lecturer: **T. Nagaraj**

Month & Year: **December**

S. No.	Date	Day	Class	Period / Time	Index	Theory/ Practical	Topic Covered	Methodology Adopted	Std/ Days attended	Teaching Aids Used	Student Activity Conducted	Remarks
8/12/22	Tuesday	11:30	II BSc	2-40	EM	Theory	Knowledge of Biodiversity	Lecture	5	Black board chalk		
9/12/22	Friday	10:20	II BSc	1-40	EM	Theory	Volvoxella volvox	Lecture	31	Black board chalk		
			II BSc	4-30	EM	Practical	Silica production by diatoms	Descriptive	25	Class, microscope	Draw the diagram	
10/12/22	Saturday						Second Saturday					
10/12/22	Monday	11:45	II BSc	4-30	EM	Practical	Value added product of mushroom	Descriptive	24	Photograph, Test book	Draw the diagram	
		10:15	II BSc		EM	Theory	NSMR, 2022	Lecture	49	Black board chalk	Q&A	
		1:45	II BSc	4-30	EM	Practical	Value Added product of mushroom	Descriptive	28	Test book	Draw the diagram	
11/12/22	Wednesday	11:45	II BSc	4-30	EM	Practical	Value added product of mushroom	Descriptive	24	Slide, Microscope	Draw the diagram	
15/12/22	Monday	11:45	II BSc	4-30	EM	Theory	Poisonous mushrooms	Lecture	31	Black board chalk	Q&A	
		2:40	II BSc	3-5	EM	"	contribution to biodiversity	"	50	"	"	
16/12/22	Friday	10:00	II BSc	10:55	"	"	pleurotus florida	"	31	"	"	
		1:45	II BSc	2-40	EM	Practical	Explant preparation in culture media + culture in agar slant	Descriptive	26	Microscope	Draw the diagram	
17/12/22	Saturday	10:55	II BSc	11:50	EM	Theory	field visit to madduraili	"	39	Reference material	collect the plants	
		2:40	II BSc	3-5	EM	Theory	A hand account of various ^{various} fungi	Lecture	7	Black board chalk	Q&A	
18/12/22	Monday	1:45	II BSc	2-40	EM	Practical	preparation of composite using ^{various} material	Descriptive	29	Manual photographs	Q&A	
20/12/22	Wednesday	10:55	II BSc	11:50	EM	Theory	field Exam conducted	Lecture	53	-	100% attendance	
21/12/22	Thursday	10:55	II BSc	12:45	EM	Practical	Sporogone oscitubula	Descriptive	21	Live material slides	Draw the diagram	
25/12/22	Monday	11:45	II BSc	1:45	EM	Theory	preparation of compost	Lecture	38	Black board chalk	Q&A	
27/12/22	Wednesday	11:45	II BSc	4-30	EM	Practical	preparation spore	Descriptive	32	Record work	Draw the diagram	
31/12/22	II BSc					Theory	class suspended in AP:CM str visited New City RJY					
	II BSc	1:45	II BSc	4-30	EM	Practical	class suspended in AP:CM str visited New City RJY					
1/1/23	Tuesday	10:55	II BSc	11:50	EM	Practical	Marchantia lunata slide	Descriptive	20	Live material	Draw the diagram	
8/1/23	Monday	10:55	II BSc	11:50	EM	Theory	Different types of ^{cashy} material	Lecture	34	Black board chalk	Q&A	
	II BSc	"	"	"	EM	Theory	population Ecology	"	45	"	"	
9/1/23	Monday	10:55	II BSc	10:55	EM	Theory	Value added products	"	40	"	"	
	II BSc	1:45	II BSc	4-30	EM	Practical	Explant different types of ^{various} material	Descriptive	39	Live material	"	
11/1/23	Wednesday	10:55	II BSc	10:55	EM	Theory	Cashy material	Lecture	60	Black board chalk	Draw the diagram	
	II BSc	10:55	II BSc	11:50	EM	Practical	Hypoth. diagram - T.S	Descriptive	55	Live material	"	
	II BSc	2:40	II BSc	3-5	EM	Theory	Origin of life theories	"	35	Black board chalk	Q&A	
17/1/23	Monday	1:45	II BSc	4-30	EM	Practical	culture maintenance	"	48	Live material	Q&A	
18/1/23	Tuesday	1:45	II BSc	4-30	EM	Practical	Pongal celebration	"	29	Black board chalk	Draw the diagram	
18-1-2023							18-1-2023 pongal holiday					
19/1/23	Wednesday	10:55	II BSc	10:55	EM	Theory	Preparation of mother spore	Lecture	29	Black board chalk	Q&A	

T. Nagaraj
Signature of the Lecturer

M. L. S.
Signature of the Department In-Charge

Signature of the Principal

TEACHING PLAN (SYNOPSIS)

Month: October

Subject: BOTANY

TOPIC: Introduction and Value of mushrooms. Paper: VIIc. Mushroom cultivation.

Hours Required	2-3
Learning Objectives	Students study the morphology and types of mushrooms.
Previous Knowledge to be recalled	Agaricus bisporus - in Intermediate books.
Topic Synopsis	Introduction, structure, life cycle, importance of mushroom.

Introduction and value of mushroom

→ necessary to clean and sterilise the mushroom can be collected as mushroom is a micro-fungus with a distinct body which can be either epigeal or hypogeous and large enough to be seen with naked eye and to be picked by hand.

Structure of mushroom

- 1) Stipe
- 2) Pileus
- 3) Stroma - It is the solid part of the gill.
- 4) Sub-hymenium or Hymenium - The upper part of the stroma which curve outward towards each surface of the gills.
- 5) Hymenium or thecium - It is the outermost layer and lies on the surface of sub-hymenium (on both sides of gills).

Life cycle of mushroom

① vegetative, asexual, sexual reproduction, plasmogony, karyogony, meiosis, basidiospores.

Source - US, China, Italy and the Netherlands are the top producers of the mushrooms.

→ Protein, carbohydrates, vitamins - A, D, K, B, amino acids abundant.

→ Agaricus bisporus, Volvariella volvacea.

Theme areas	Cultivation of mushroom.
Skill to be learnt by student	Cultivation of mushroom.
Examples/illustrations	Gravoloma lucidum, Pleurotus - fructus.

Teaching Models used	Live specimens of mushroom.
Teaching Aids used	Black board, chalk, photographs.
References cited	Technical publications, videos.
Student Activity planned after the teaching	-
Activity planned outside classes	Classroom based by students.
Any other	Student's initiative.

Nutritional value of mushroom

1) Lentils, Artichoke, Hericium, Antler, Flammulina, Agaricus, Lactarius, Psalliota, Tricholoma, Russula, Mycena, Cantharellus.

→ The mushroom was an recognised as a source of nutrients in nutrient laboratory strengthening human immune system. Entirely natural body resistance and lowering cholesterol.

→ Amino acids - Lysine, valine, leucine.

→ cholesterol - free.

→ Increase the protein.

→ Vitamin, vitamins - B.

Poisonous mushrooms

→ When eat the mushroom it harm either green or purple.

→ Poisonous mushrooms have a hot odour.

→ It taste bitter.

→ There is no presence of worms.

→ There is a presence of scales on the cap.

Edible mushrooms

→ Edible mushrooms have a pleasant odour.

→ It has a sweet taste.

→ There is the presence of worms.

→ There is no scales on the cap.

H.S. [Signature]
Teacher

T. Anupriya
Lecturer

TEACHING PLAN (SYNOPSIS)

Month: May, & June

Subject: BSc Botany

Topic: Cell Biology

Paper: I/II/III Cell Biology general and biochemistry

Hours Required	4
Learning Objectives	cell wall, plasmodesma,
Previous knowledge to be reinforced	cell, cytoplasm, cell structure
Topic Synopsis	cell wall, plasma membrane,

Cell Biology :-

cell biology is the study of the structure and function of the cell it is also called cytology

→ In 1838 the German botanist M.J. Schleiden showed the plant tissue and separated that all plant tissue are composed of cells.

The plant tissue and separated that all plant tissue are composed of cells. Salient features of all theory

- 1) All living organisms are composed of cell and products of cell.
- 2) All metabolic reactions in relation, multiplication, growth, take place in cell.
- 3) cell is the smallest unit of life.

1) Prokaryotic cell :-

In bacterial and blue-green algae cells genetic material DNA is not enclosed by a nuclear membrane.

2) Eukaryotic cells :-

The cells of unicellular organisms and multicellular organisms have a membrane bound nucleus.

Plant cell :-

All plants are made up of cells. plant cell is a eukaryotic cell. All eukaryotic cells are not identical plant and animal cells are different as the former possess cell walls.

Thrust areas	
Skill to be learnt by student	function of cell, cytoplasm
Examples/illustrations	Plasmodesma, plasma membrane
Additional topics	Genetic Code, Gene Expression

Teaching Models used	plasma membrane model, chalk
Teaching Aids used	Water board chalk
References cited	V/Kar books
Student Activity planned after the teaching	cell division - mitosis
Activity planned outside class	Draw the diagram.
Any other	

- 1) cell wall
- 2) cell membrane
- 3) cytoplasm

cell organelles :-

- 1) Endoplasmic reticulum
- 2) Golgi Complex
- 3) Ribosomes
- 4) Lysosomes, mitochondria, vacuole, plastids, nucleus

Cell wall :-

The plant cell is usually surrounded by a definite rigid covering called cell wall.

- 1) Middle lamella
- 2) primary cell wall
- 3) secondary cell wall

Chemical composition of cell wall :-

1) Cellulose, hemicellulose, pectin, lignin, Sclerenchyma

Cell membrane :-

The plasma membrane is present in all the cells. It is about 75-80% thickness.

- 1) proteins
 - 2) Lipids
 - 3) Carbohydrates
- Membrane models :-
- a) Unit membrane model
 - b) Davson-Lipkin model
 - c) M-cellar model
 - d) Fluid mosaic model





**S.K.R GOVERNMENT DEGREE COLLEGE (W)
RAJAMAHENDRAVARAM**

Re - Accredited at B - Grade by NAAC
Affiliated to Adikavi Nannaya University, Rajamahendravaram 533103,
East Godavari District, Andhra Pradesh



DEPARTMENT OF BOTANY

**CERTIFICATE COURSE
ON
MUSHROOM CULTIVATION
2022 - 2023**



**COURSE CO - ORDINATOR
Mrs. M. SRI DEVI, M.Sc., B.Ed., (Ph.D)
INCHARGE OF THE BOTANY DEPARTMENT**

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Rajamahendravaram

27 - 12 - 2022

To

The Principal,

S.K.R. Govt. Degree College (W),

Rajamahendravaram,

Respected Madam,

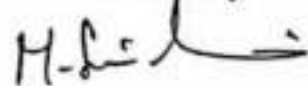
SUB : Permission to conduct Certification Course Reg.,

I M. Sri Devi In-charge of the Botany Department planned to conduct a certificate course for III BSC (CBZ) Students on 02 - 01-2023 to 28- 02-2023 i.e., 2 months course on Mushroom cultivation. So please kindly give permission to conduct certificate course.

Thanking you madam,



Yours faithfully



(M.SRIDEVI)
In-Charge of the
Botany Department

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MINUTES OF THE MEETING

The department of Botany staff held a meeting on 27 – 12 – 2023 and passed a resolution organize certificate course that on " MUSHROOM CULTIVATION" under the guidelines of Mrs. M. Sri Devi and S. Sri Lakshmi (Mushroom Industry Proprietor) for 40 hours.

The certificate course was organized from 02 - 01-2023 to 27- 02-2023 for the academic year 2022 -2023 to the III B.Sc BZC students under curriculum enrichment programme.



Signature of the course Co-ordinator



Signature of the Principal

A BRIEF REPORT

I M. Sri Devi In-Charge of the Botany Department , S.K.R. Govt. Degree College (W), Rajamahendravaram here with submit a brief report on certificate course done by the Department of Botany.

The department of Botany met the principal to discuss the implement of certificate course in Botany.

In the schedule the meeting course syllabus along with course objectives were tabled after the approval a circular was sent to all the final years.

Interested students registered their names and appeared for the entry level test.

70 students appeared for the entry test out of which 40 students were selected. The certificate course duration is 40 hours. The course was held from 02 - 01-2023 to 27- 02-2023. After the completion of the course exist exam was conducted on 04- 03-2023.

The results was published. Successful candidates were presented certificate by the principal on 06-03-2023.

M.Sridevi

In-Charge of the Botany Department



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**SKR GOVERNMENT DEGREE COLLEGE (WOMEN)
RAJAMAHENDRAVARAM
DEPARTMENT OF BOTANY
CERTIFICATE COURSE
MUSHROOM CULTIVATION - 2022-2023
SYLLABUS**

- ❖ Introduction
- ❖ Growing Mushrooms
- ❖ Choosing a Mushroom Species
- ❖ Species for Beginners
- ❖ Pest Management
- ❖ Marketing Mushrooms
- ❖ Financial Analysis
- ❖ Further Resources
- ❖ Conclusion
- ❖ References
- ❖ Appendix
- ❖ Resources
- ❖ Spawn and Equipment Suppliers

Learning Objectives:

Students will get knowledge on Nutrient values of mushrooms, cultivation process of Mushrooms and economic importance of mushrooms.

Learning Outcomes:

- Understand the structure and life of a mushroom and discriminate edible and poisonous mushrooms
- Get knowledge on cultivation process of Mushrooms.
- Structure of spawn.
- Improved business skills.
- Can create interest on Healthy & Nutritious food.
- To provide detailed hands on training on mushroom cultivation, packaging and marketing.
- To develop a business plan on mushroom cultivation.

**S.K. R. GOVERNMENT DEGREE COLLEGE (W),
RAJAMAHENDRAVARAM
DEPARTMENT OF BOTANY
CERTIFICATE COURSE
EXAM ON MUSHROOM CULTIVATION**

Date :04-03-2023
Class: III B.Sc CBZ

Time: 1 hour
Max Marks: 20

STUDENTS LIST

S.NO.	REGD. NO	NAME OF THE STUDENT	SIGNATURE OF THE STUDENT
1	200907110087	A.KEERTHANA	A. Keerthana
2	200907110097	CH.VARALAKSHMI	Ch. Vara Lakshmi
3	200907110099	CH. SRI LAKSHMI	ch. sri lakshmi
4	200907110104	CH. HIMA DEEPIKA	ch. Himadeepika
5	200907110105	CH. LAKSHMI KALYANI	ch. lakshmi kalyani
6	200907110110	E. TEJA SRI	E. Teja Sharon
7	200907110116	J. SHARON ROJA	J. Sharon Roja
8	200907110117	J. PRATHYUSHA	J. Prathyusha
9	200907110118	K. LAHARI	K. Lahari
10	200907110119	K. BHAVANI	K. Bhavani
11	200907110127	K. SRAVANI	K. Sravani
12	200907110130	M. DURGA SRIHITHA	M. Durga Srihitha
13	200907110131	M. NIHARIKA	M. Niharika
14	200907110141	P. ARUNA	P. Aruna
15	200907110142	P.MEGHANA REDDY	P. Meghana Reddy
16	200907110143	P. CHANDINI	P. Chandini
17	200907110145	P.KUSUMA BHARGAVI	P. Kusuma Bhargavi
18	200907110146	P.BHARATHI LUCKY	P. Bharathi Lucky

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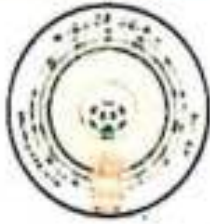
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19	200907110147	P. MOUNIKA	P. Mounika
20	200907110151	P. POSIVENI	P. Posiveni
21	200907110152	P. SUNITHA	P. Sunitha
22	200907110153	M. PRIYANKA	M. Priyanka
23	200907110154	S. POSAMMA	S. Pasamma
24	200907110155	S. DEVI ALEKHYA	S. Devi Alekhya
25	200907110156	S. MERRY KUMARI	S. Merry Kumari
26	200907110157	S. NEERAJA DEVI	S. Neeraja Devi
27	200907110158	S. BHARGAVI	S. Bhargavi
28	200907110159	S. VENKATA LAKSHMI	S. Venkata Lakshmi
29	200907110160	S. VANDANA SAI	S. Vandana Sai
30	200907110162	S. SURYA TEJASRI	S. Surya Tejasri
31	200907110164	T. SNEHA BHARATHI	T. Sneha Bharathi
32	200907110165	T. KAVYANJALI	T. Kavyanjali
33	200907110166	T. RANJITHA	T. Ranjitha
34	200907110167	T. SANDHYA RANI	T. Sandhya Rani
35	200907110168	V. HARIKA	V. Harika
36	200907110169	V. MADHURIMA	V. Madhurima
37	200907110170	V.V.V. ANANTHA LAKSHMI	V.V.V. Anantha Lakshmi
38	200907110171	V. AMANI	V. Amani
39	200907110172	V. PRANITHA	V. Pranitha
40	200907110173	T. SRAVANTHI	T. Sravanthi

P. Sri Devi
Signature of the Invigilator

H. L. L. L.
Signature of the In-charge
Head of the Department
BOTANY
S.K.R. Government Degree College (W)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh



S.K.R GOVT. DEGREE COLLEGE(W)



RAJAMAHENDRAVARAM

Re - Accredited at B + Grade by NAAC
Affiliated to Adikavi Nannaya University, Rajamahendravaram 533103,
E.G. District, Andhra Pradesh

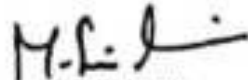
DEPARTMENT OF BOTANY 2022-23

CERTIFICATE COURSE ON MUSHROOM CULTIVATION

This is to certify that

Kum. Ch. Aparna

Of 3rd B.Sc CBZ has participated in certificate course in CULTIVATION
OF MUSHROOM organised by DEPARTMENT OF BOTANY.


M. SRI DEVI
Head of the Department
BOTANY
S.K.R. Government Degree College (W)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh


K. SRI LAKSHMI
LAKSHMI
SRI LAKSHMI
SUPERVISOR


Dr. P. RAGHAVA KUMARI
PRINCIPAL
S.K.R. GOVT. DEGREE COLLEGE (W)
RAJAMAHENDRAVARAM

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S K R GOVERNMENT DEGREE COLLEGE (WOMEN)

Phone : 9908542048

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

Re-Accredited at B+ Grade by NAAC

Affiliated to Adikavi Nannaya University

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

www.skrgcdwryj.ac.in

Established 1968

E-mail : skrgcdwryj@gmail.com



Dr. P. Raghava Kumari

M.Sc., B.Ed., M.Phil., Ph.D

Principal

To
The Registrar,
Adikavi Nannaya University,
Rajamahendravaram

Sir,

Sub :- SKR Government Degree College (Women), Rajamahendravaram –
Submission of Feedback Report 2022-23 Reg.

This is to submit that, as an institutional practice, SKR Government Degree College (Women), Rajamahendravaram which is under the jurisdiction of Adikavi Nannaya University, Rajamahendravaram collects feedback on college / curriculum from time to time from its stakeholders. During the academic year 2022-2023, feedback was collected from students, teachers, parents and alumni. A copy of the feedback report is submitted to your office for your information.

Thanking you, Sir.



SIGNATURE OF THE PRINCIPAL

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

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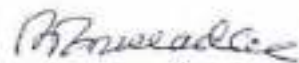
**SKR GOVERNMENT DEGREE COLLEGE (WOMEN),
RAJAMAHENDRAVARAM**

Feedback Report 2022-2023

For the academic year 2022-2023, feedback on the college functioning including teaching learning process was collected from the students, teachers, parents and alumni in online mode. For the students, a feedback form was designed with 20 questions on 20 parameters with 5 options namely – Strongly Agree, Agree, Neutral, Strongly disagree and Disagree.

179 responses collected from the students. Before collection, the purpose of feedback was explained to the students. If the students could not understand any parameter, the mentors explained the parameter and its importance. With the help of the faculty, the IQAC arranged for the analysis of the collected data; the analysis was tabulated and also presented in a graphical format. For the teachers, alumni and parents, a feedback form was customized with 10 questions covering different areas of the college functioning. The analysis report reveals that:

- Stakeholders expressed their opinion that supports the students to prepare for competitive exams.
- More Cultural activities are to be organized in the college



IQAC Coordinator

IQAC Co-ordinator

S.K.R. Government Degree College (Women)

RAJAMAHENDRAVARAM,

East Godavari Dist., Andhra Pradesh

SKR GOVERNMENT DEGREE COLLEGE (WOMEN),

Action Taken Report on Feedback -2022-2023

The feedback report for the academic year 2022-2023 was placed before the staff council meeting chaired by the principal of the college. The council discussed the report in detail. For all the positive feedback about the teaching learning process, the efforts of the teachers were appreciated. The meeting resolved to take the following measures to improve the overall functioning of the college.

Student Centered Learning (SCL) practices in curriculum delivery and transaction were given much emphasis.

Based on the parents & alumnae feedback, PG coaching is continued in a more structured manner and offered support to the students seeking higher education.

The mentors were specifically directed to provide emotional support to students and be accessible to them even out of the classroom, following the spirit of the Mentor Mentee System (MMS) in place.



P. Me

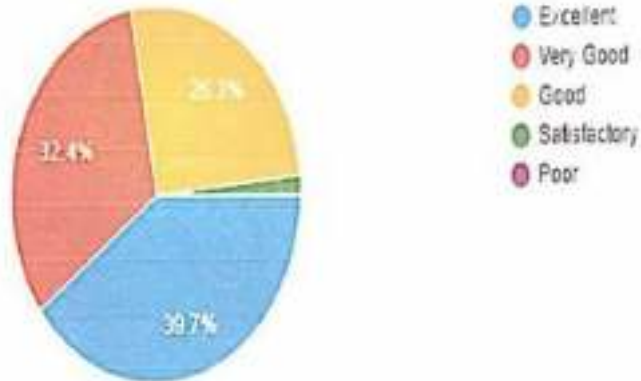
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RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh.



STUDENT FEED BACK ANALYSIS DATA 2022 -23

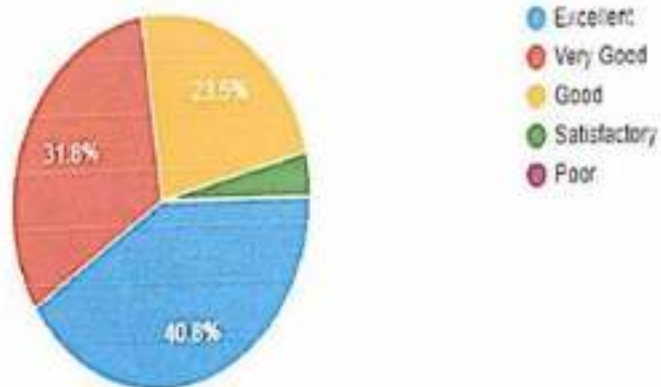
Syllabus completion

179 responses



Interest generated while teaching

179 responses



Accessibility outside the class

179 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Poor

Personal care and attention

179 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Poor

The teacher uses ICT tools

179 responses



- Excellent
- Very Good
- Good
- Satisfactory
- Poor

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East Godavari Dist., Andhra Pradesh



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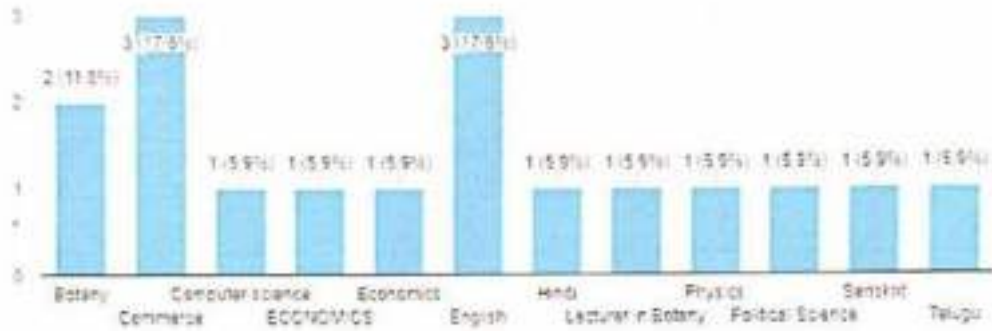
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ANALYSIS OF TEACHER FEED BACK REPORT -2022-2023

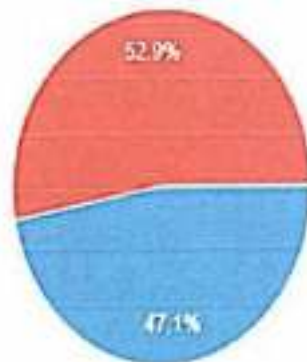
Department

17 responses



Sufficient facilities for ICT Teaching

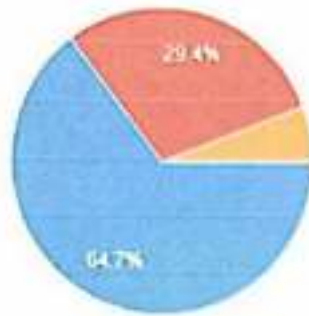
17 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree

Teachers are Student - Friendly

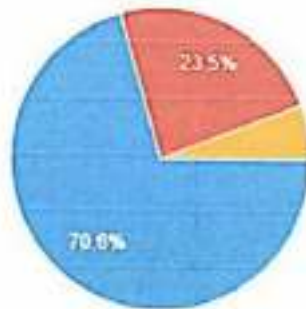
17 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree

Mentoring system functions well

17 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree



P. Reddy

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RAJAMAHENDRA,
East Godavari Dist., Andhra Pradesh



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

(B.A. Accredited at B-Grade by NAAC, Affiliated to Anna University)

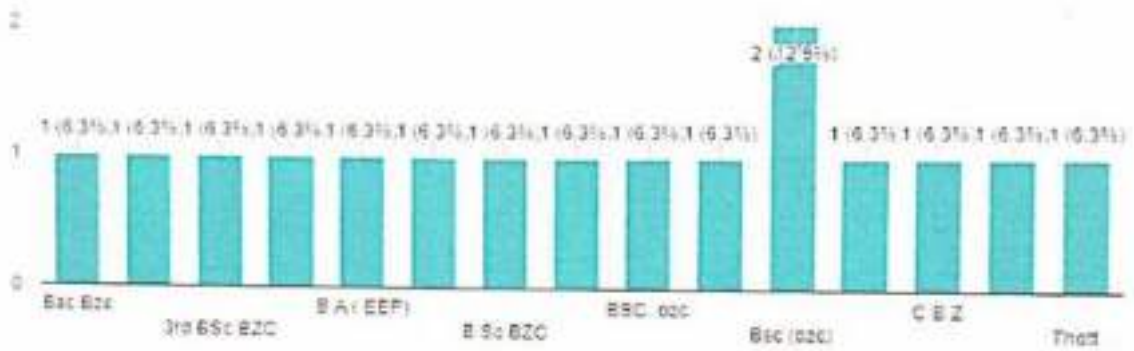


ANALYSIS OF ALUMNI FEED BACK REPORT -2022-2023

Class & Group

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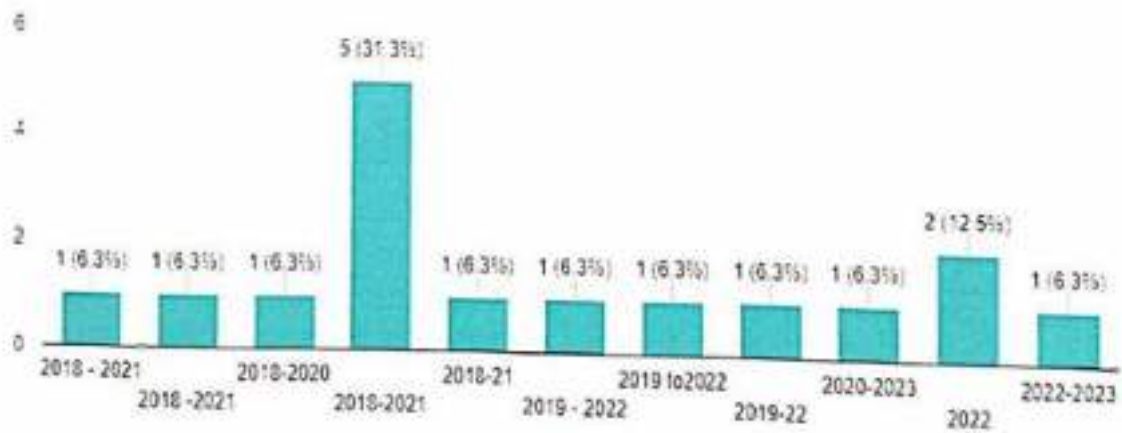
10 responses



Batch

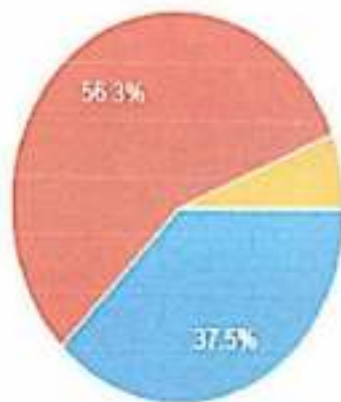
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16 responses



Teachers are Student -Friendly

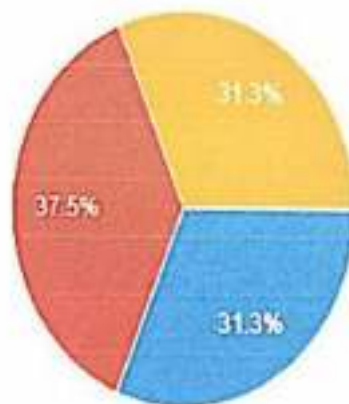
16 responses



- Strongly Agree
- Agree
- Neutral
- Strongly disagree
- Disagree

Mentoring system functions well

16 responses



- Strongly Agree
- Agree
- Neutral
- Strongly disagree
- Disagree



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East Godavari (Dist. - 15-111)



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RAJAMAHENDRAVARAM(Est.d.1968)**

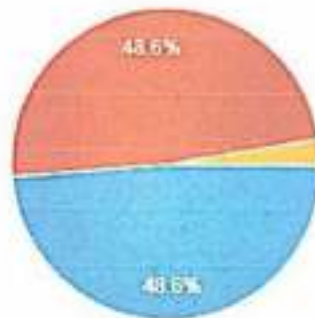
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ANALYSIS OF PARENT FEED BACK REPORT -2022-2023

Sufficient facilities for ICT Teaching

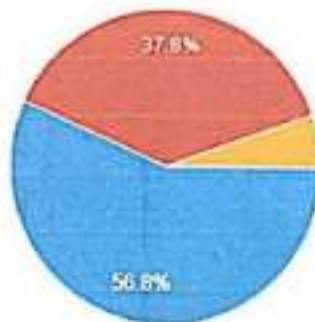
37 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree

Fair & Transparent internal assessment

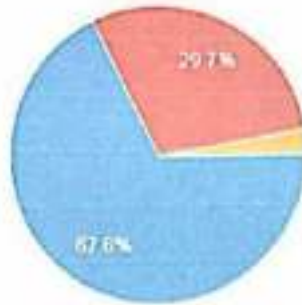
37 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree

Teachers are Student -Friendly

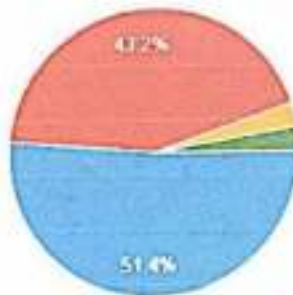
37 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree

Mentoring system functions well

37 responses



- Strongly Agree
- Agree
- Neutral
- Strongly Disagree
- Disagree



P. Ravi

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

S K R GOVERNMENT DEGREE COLLEGE (W)
RAJAMAHENDRAVARAM
(Re-Accredited by NAAC B+ Grade) : Affiliated to Adikavi Nannaya University)
DEPARTMENT OF BOTANY
BRIDGE COURSE

2022 - 2023

"THE ESSENCE OF EDUCATION LIES IN DRAWING OUT THE VERY BEST THAT IS IN YOU"

A bridge course is a series of classes that help students transition from Intermediate level to graduation by providing them with necessary skills and knowledge about topics that will be covered in their new course.

Objectives :

- The main objective of the course is to bridge the gap between subjects studied at pre-university level and subjects they would be studying in B.Sc.(CBZ) Course.
- To enrich the students to learn basic concepts in the subject of Botany I semester.
- To give students confidence and skills to successfully transform to college and new curriculum
- Interactive and Active Learning by doing have been weaved into the Bridge Course.
- Active Learning with the help of other/ peer students.
- To achieve the concept of Assisted Learning.

Standard Operating Procedure

- A Bridge Course for newly admitted BSC (CBZ) Students is conducted every year before commencement of First Semester Classes. The syllabus for the Botany course is designed in such a way that, equal importance is given to all subjects and personality development.
- Bridge Course helps the students to open up, think creatively and become responsible and independent students. It also helps smooth transition to Botany course. The sound grasp of the fundamentals of Botany subject by the students lays the strong foundation for the entire Three/ Four Years Programme.

Highlights of the Bridge Course:

1) Fundamentals of Microbes and Non-vascular Plants:

Smt.M.Sridevi , Faculty, Department of Botany explained in detail about

1. Plant kingdom Classification
2. Fungi & Lichens
3. Bryophytes
4. Taxonomy

2) Basics of Non-vascular Plants and Vascular Plants:

. Kum.P.Sridevi Faculty, Department of Botany explained about

1. Algae
2. Bacteria

3) Basics of Vascular Plants and Phytogeography :

*Smt. T. Nagamuni Faculty, Department of Botany gave a Overview of

1. Gymnosperms
2. Virus

ACTION PLAN / REPORT ON BRIDGE COURSE
FOR THE ACADEMIC YEAR 2022-2023

Date	Time/ Hour	Subject	Topic/Activity	Resource Person
11/11/22	1 st	Botany	Plant kingdom Classification	Smt.M.Sridevi
14/11/22	4 th	Botany	Taxonomy	Smt. M.Sridevi
15/11/22	3 rd	Botany	Microorganisms	Kum.P.Sridevi
16/11/22	2 nd	Botany	Modes of Reproduction	Smt.T.Nagamuni
17/11/22	3 rd	Botany	Gymnosperms	Smt.T.Nagamuni

M. Sridevi
Signature of the
Incharge of the Department

P. M. Sridevi
Signature of the
PRINCIPAL
S.K.R. Government Degree College (Boys)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

2022 - 2023



BRIDGE COURSE

Smt. M. SRIDEVI
Lecturer in Botany

Topics : 1. plant kingdom
classification
2. Modes of
Reproduction



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Topic:- Plant Systematics			
S.No	Date	Name of the student	signature of the student
1.	17-11-2022	A. Swathina	A. Swathina
2.		D. Iswarya	D. Iswarya
3.		M. Mighty Grace	M. Mighty Grace
4.		J. Varshini	J. Varshini
5.		Rajala Suela	Rajala Suela
6.		L. Sharmila	L. Sharmila
7.		N. Prasanna	N. Prasanna
8.		K. Swathi	K. Swathi
9.		D. Meghana Heranjali	D. Meghana
10.		K. Jhansi	K. Jhansi
11.		T. Sailaja	T. Sailaja
12.		K. Rajya Lakshmi	K. Rajya Lakshmi
13.		P. Sravani	P. Sravani
14.		K. Akshya	K. Akshya
15.		Ch. Keerthika	Ch. Keerthika
16.		T. L. Durga	T. L. Durga
17.		B. Swetha	B. Swetha
18.	17/11/2022	P. Keerthana Reddy	P. Keerthana Reddy
19.	17/11/2022	P. Anusudha	P. Anusudha
20.		S. Hasini	S. Hasini
21.		M. Mary Susanupini	M. Mary Susanupini
22.		K. Chandini	K. Chandini
23.		D. Pampa	D. Pampa
24.		M. Bhagyaa Laxmi	M. Bhagyaa Laxmi
25.		B. Subhakarani	B. Subhakarani
26.		S. Keena Taslima	S. Keena Taslima
27.		G. Jayasri	G. Jayasri
28.		Ch. Ch. Lakshmi Durga	Ch. Ch. Lakshmi Durga
29.		J. Pranavika	J. Pranavika
30.		G. Rema nissi	G. Rema nissi
31.		J. Swathi Dora	J. Swathi Dora
32.		P. Lavanya	P. Lavanya
33.		U. Akhila Devi	U. Akhila
34.		N. Varshini	N. Varshini
35.		G. Vasundhara	G. Vasundhara
36.		V. Rebecca	V. Rebecca
37.		M. Madhu Priya	M. Madhu Priya
38.		B. Sadasi	B. Sadasi

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Smt. T. Nagaruni, Lectum in Botany



Kum. P. SRIDEVI Lectum in Botany



M. L. L.
Head of the Department
BOTANY
S.K.M. COLLEGE FOR WOMEN
RAJMAHENDRAVARAM

P. S.
PRINCIPAL
S.K.M. COLLEGE FOR WOMEN
RAJMAHENDRAVARAM
Dist. Andhra Pradesh

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RAJAMAHENDRAVARAM(Estd.1968)**

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DEPARTMENT OF BOTANY

IDENTIFYING SLOW, MODERATE AND ADVANCED LEARNERS

2022-2023

Student Information Form

Every faculty mentor maintains a Students' Record

Following records are to be maintained by Class mentor of each class:

- (i) Student Information record
- (ii) Marks Statement (Internal Assessment and University Exams)
- (iii) List of slow, moderate and advanced learners of their batch.
- (iv) Remedial measures taken and details (circulars and notices)
- (v) Records of activities for three types of learners

Process to identify Slow, Moderate and Advanced Learners

The process of identifying slow, moderate and advanced learners is as shown in the table.

All students of a particular batch are assessed on following parameters:

S.No.	Assessment Criteria
1.	Problem Solving Skills:
	Previous University Exam Score
	Class Tests
	Attendance
	Assignments and Tutorial
2.	Other parameters:
	Ability to answer the questions in class
	General awareness
	Attentiveness

Based on above assessed parameters students are classified into 3 groups:

Slow Learners : are those whose learning pace is slower than their peers. They are unable to retain what they learn. They also have a very short attention span. Learning does not happen incidentally for slow learners and they have to be directly taught. They cannot link one learning to another unless specifically told. They require more personal attention of the teacher.

Moderate Learners : Those who have immature listening / attention/ social skills/ poor auditory and visual memory.

Advanced Learners : are those students who are ahead on the learning dimensions for the betterment in their life.

All the above details are provided by the concerned course handling faculty members.

INITIATIVES FOR SLOW LEARNERS

The following activities are conducted for slow learners:

- ❖ Tutorial, Discussions, Interactions,
- ❖ Concept clarification and problem solving exercises
- ❖ Bilingual explanation and discussions
- ❖ Provision for simplified but standard Lecture notes /course material
- ❖ Revision of topics
- ❖ Enhancement of Communication Skills and Art of Reading /Learning
- ❖ Remedial classes conducted for Slow Learners.
- ❖ Special Coaching class and Counselling is given to slow learners.
- ❖ Previous year Question papers and Question Banks for all subjects are circulated among slow learners.
- ❖ Students are given repeated practice on important questions.

INITIATIVES FOR MEDIUM / MODERATE LEARNERS

The following activities are conducted for MEDIUM LEARNERS

- ❖ Revision of topics
- ❖ Special Coaching class and Counselling is given to slow learners.
- ❖ Previous year Question papers and Question Banks for all subjects are circulated among slow learners.
- ❖ Students are given repeated practice on important questions

- ❖ Guiding the students for PG CET/ICET/Competitive Examinations
- ❖ Concept clarificatio

INITIATIVES FOR ADVANCED LEARNERS

The following Special activities are conducted for Advanced Learners:

- ❖ Bright and diligent students are motivated and inspired to get university ranks.
- ❖ Semester toppers and university rank holders are honoured with certificates and cash prizes.
- ❖ Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter-institution competition etc.
- ❖ Guiding the students for PG CET Competitive Examinations.
- ❖ Guiding and encouraging to publish/present research papers in conferences/Journals and college News Letters
- ❖ Guiding for career planning.

M. L. J.
Signature of the HOD



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

SKR GOVERNMENT DEGREE COLLEGE (WOMEN), RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY

List of Slow Learners -2022-23 (Odd- Semester)

Name of the Lecturer: Mrs.M.Sridevi, Ms. P.Sri Devi,

Semester- V

Class - III B.Sc BZC

Paper - VI C - Plant Tissue Culture

S.no	Name of the Student	Remedial Measure that have been undertaken					Student Signature
		21/2/2023	22/2/2023	23/2/2023	24/2/2023	25/2/2023	
1	B.Krupa ratnam	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	B.RupaYoban
2	B.DurgaBhavani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Durga
3	P.Chandini	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	P. Chandini
4	P.Mounika	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	p. mounika
5	Ch.Nagamani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Nagamani
6	Ch.U.Nagamalle swari	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	U.Nagamalle Swari
7	S.Posamma	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Posamma.
8	T.Ranjitha	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Ranjitha
9	Ch.Sri Lakshmi	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Sri Lakshmi
10	Ch.Sonia	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Ch. Sonia
11	NBT.Sundari	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	NBT. Sundari
12	V.Madhurima	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Madhurima.
13	V.Amani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	V. Amani
	Signature of the Lecturer	M.Sridevi	P.Sridevi	M.Sridevi	P.Sridevi	M.Sridevi	M.Sridevi

SKR GOVERNMENT DEGREE COLLEGE (WOMEN), RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY

List of Advanced Learners -2022-23 (Odd- Semester)

Name of the Lecturer: Mrs.M.Sridevi, Ms. P.Sri Devi,

Semester- V

Class - III B.Sc BZC

Paper - VI C - Plant Tissue Culture

S.no	Name of the Student	Remedial Measure that have been undertaken					Student Signature
		21/2/2023	22/2/2023	23/2/2023	24/2/2023	25/2/2023	
1	A.Keerthana	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	A.Keerthana
2	J.Sharon roja	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	J.Sharon Roja
3	J. Prathyusha	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	J. Prathyusha
4	K.Lahari	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	K.Lahari
5	K.Bhavani	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	K. Bhavani
6	K.Sravani	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	K.Sravani
7	K.Sangeetha	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	Sangeetha.
8	K.Sravani	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	K.Sravani
9	K.Gayatri	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	Gayatri
10	M. Durga srihitha	Guiding the students for PG CET	Guiding for career planning	Special Coaching class	Concept clarification	Course material	M. Durga srihitha
11	M.Niharika	Guiding the	Guiding for	Special	Concept	Course	

SKR GOVERNMENT DEGREE COLLEGE (WOMEN), RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY

List of Moderate Learners -2022-23 (Odd- Semester)

Name of the Lecturer: Mrs.M.Sridevi , Ms. P.Sri Devi,

Class - III B.Sc BZC

Semester- V

Paper - VI C - Plant Tissue Culture

S.NO	Name of the Student	Remedial Measure that have been undertaken					Student Signature
		21/2/2023	22/2/2023	23/2/2023	24/2/2023	25/2/2023	
1	Ch.Reshma	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Reshma
2	Ch.Lakshmi kalyani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Ch. Lakshmi Kalyani
3	D.Sravya Keerthi	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	D. Sravya Keerthi
4	K.Lallitha	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	m.pavani Durgambhika
5	M.Pavani Durgambhika	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	M. pavani Durgambhika
6	V.Praneetha	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Praneetha
7	B.Deepika	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	B. Deepika
8	Ch.Nagamani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Ch. Nagamani
9	M.Shiny	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Shiny
10	P.Posiveni	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	P. Posiveni
11	S.Vandana sai	Special	IMP	Concept	Revision	Course	

		Coaching class	Questions	clarification		material	
12	T.Sandya Rani	Special Coaching class	IMP Questions	Concept clarification	Revision	Course material	Sandhya
	Signature of the Lecturer	M.L.Li	P.Srida	M.L.Li	P.Srida	M.L.Li	M.L.Li

M.L.Li
Signature of the HOD



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



SKR GOVERNMENT DEGREE COLLEGE (WOMEN),
RAJAMAHENDRAVARAM
DEPARTMENT OF BOTANY - 2022-2023

REMEDIAL COACHING

Not all students learn at the same pace; some students require extra attention. The basic premise of remedial coaching is to help students to catch-up to their peers. When students academically fall behind, a gap opens between their abilities and that of their peers. Over the time, this gap gathers a place and widens to the point where learning in other areas is affected.

Remedial Coaching focuses on basic concepts, develop better study habits and to develop confidence in the students for respective subjects. Remedial classes help to close the gap between what a student knows and what he is expected to know.

OBJECTIVES:

- 1) To identify the potential learning gaps those are hindering the students' progress in the classroom.
- 2) To improve Academic Skills of the students in the Botany Subjects.
- 3) To raise the level of comprehension of basic subjects to provide a strong platform for further academic work.
- 4) To strengthen their understanding, widen knowledge base and attitudes in the concerned subjects.
- 5) To improve the performance and quality of students and capacitated them

REMEDIAL CLASSES:

Remedial classes are organised in college to assist weak students or the slow learners to improve their performance and understand the basic concepts of a course. Individualised attention during remedial classes helps the students to overcome the subject specific difficulties and improve their grades in final university examination. The main objective of these classes is to provide student centric education to cater the individual needs of the students with well-designed strategies.

The following procedure is followed to conduct remedial classes:

A. SELECTION OF STUDENTS:

First of all, the courses are selected on the basis of previous semester result and level of difficulty. Students of on-going classes are identified on the basis of previous semester examination marks and students of first semester are identified on the basis of marks in Mid Semester Tests and continuous internal evaluation

from all UG course. Backlog students and students who voluntarily want to join classes because of difficulty to pace with class are also facilitated with remedial classes.

B. COURSE SCHEDULE PREPARATION:

Schedule for remedial classes is prepared, usually conducting classes before or after regular class hours and at the end of the semester i.e. after the completion of the syllabus in the examination preparatory days. Students are divided into small sized groups. Concerned subject Lecturers in the departments is assigned duty to assist one group. The record of attendance is also maintained by the faculty members.

C. ANALYZING WEAKNESS AND STRENGTHS OF STUDENTS:

After the selection of students and allotment of groups the concerned teacher evaluates the weak points of the students from the previous performance in examinations. The teacher selects the topics from the course which the students were not able to understand during regular classes. He also conducts a discussion with the students to find out the reason of unintelligibility of those topics. After discussion with the students, he/she comes to know about strong and weak points of the student and in consequence to this he/she designs his/her strategy for remedial classes.

D. CONDUCT OF REMEDIAL CLASSES :-

Different student centre techniques/ strategies are used for remedial classes to achieve desired level of learning. Concepts are divided in small parts and demonstrated in simple language. Basics of subjects are cleared through individualized methods, notes on important topics and University question bank are provided. Faculty members give academic as well as personal advice or counseling to student. Revision of important topics is focused and teachers discuss the way of presenting answers in the exam to score good marks. Critical topics are re-explained for better understanding by the teacher. Regular tests are conducted to assess the progress of students. Teachers communicate regularly with parents regarding.

E. PROGRESS REPORT:-

Each faculty member, who teaches remedial classes, maintains all the records like attendance, topic covered, teaching learning material etc. The records are kept in proper manner as prescribed by higher authority from time to time. Performance of the enrolled students in final semester examination is the key indicator of success. After the declaration of results of final semester of students a progress report is prepared by each faculty member in prescribed format explaining the number of enrolled students and pass percentage of the group allocated. If required, strategies of teaching are re-designed for next sessions according to progress report.


Signature of the HOD




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SKR GOVERNMENT DEGREE COLLEGE (WOMEN), RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY

REMEDIAL COACHING - 2022-23

Semester- I

Name of the Lecturer: Mrs.M.Sridevi, Ms. P.Sri Devi, Mrs. T.Naga Muni

Paper - I - Fundamentals of Microbes and Non Vascular Plants

Class - I B.Sc BZC

S.NO	Name of the Student	Marks obtained in the previous semester Mid (20M)	TOPIC COVERED					Marks obtained in the semester Exams	Signature of the student	Remarks
			21/2/2023	22/2/2023	23/2/2023	24/2/2023	25/2/2023			
			Life history of puccinia	Bacteriophage replication	Thallus Organization in Algae	Evolution of sporophyte in Bryophyte	Post fertilization changes of Polysiphonia			
1	B.Sadha sri	12	A	/	/	/	A	F	B. Sadha sri	
2	D. Iswarya	10	/	/	/	/	/	D	D. Iswarya	
3	G.Jaya sri	09	/	/	/	/	A	B+	G. Jaya sri	
4	M.Mighty Grace	13	/	/	/	/	/	D	M. Mighty Grace	
5	M.Rohithasri	11	A	A	A	A	A	D	M. Rohithasri	
6	G.Remanissi	06	A	/	/	/	/	D	G. Remanissi	
7	P.Manga	12	/	A	/	/	/	B	P. Manga	
8	P.Sravani	12	/	/	/	/	/	F	P. Sravani	
9	V.Rebecca	13	/	/	A	/	/	C	V. Rebecca	
10	R.Beaula	11	/	/	/	/	/	D	R. Beaula	
11	T. Namratha reena rikhith	12	A	A	A	/	/	D	T. N. V. Rikitha	
	Signature of the Lecturer									

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SKR GOVERNMENT DEGREE COLLEGE (W), RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY

REMEDIAL COACHING -2022-23

Name of the Lecturer: Ms. P.Sri Devi, Mrs. T.Naga Muni

Class - III B.Sc BZC

Semester- V

Paper - VII C - Mushroom Cultivation

S.No	Name of the Student	Marks obtained in the previous semester Mid	TOPIC COVERED					Marks obtained in the semester Exams	Signature of the student	Remarks
			14/12/2023	15/12/2023	16/12/2023	17/12/2023	20/12/2023			
			Nutraceutical values of Mushroom	Developmental stages of paddy straw mushroom	Compost preparation	Spawn Preparation	Cultivation of milky and oyster mushroom			
1	B.Krupa ratnam	F	\	\	\	A	\	C	B. Krupa Ratnam	
2	B.Durga Bhavani	F	\	\	\	\	\	B	B. Durgabhavani	
3	P.Chandini	F	\	\	\	\	A	F	P. Chandini	
4	P.Mounika	F	\	A	\	\	\	B	P. Mounika	
5	Ch.NagamAni	D	A	A	\	\	A	B+	ch. nagamani	
6	Ch.Uma Nagamalleswari	D	\	\	\	\	\	B	ch. umanageswari	
7	S.Posamma	D	\	\	\	\	\	F	S. Posamma	
8	T.Ranjitha	D	\	A	A	\	A	F	T. Ranjitha	
9	Ch.Sri Lakshmi	D	\	\	\	\	\	A+	Ch. Sri Lakshmi	
10	Ch.Sonia	D	A	A	A	A	A	B+	Ch. Sonia	
11	NBT.Sundari	D	\	\	\	\	\	F	NBT. Sundari	
12	V.Madhurima	D	\	\	\	\	A	A	V. Madhurima	
13	V.Amani	D	A	\	\	\	\	A+	V. Amani	
Signature of the Lecturer										

Signature of The HOD



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East Godavari Dist., Andhra Pradesh

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

(Be Accredited at B+Grade by NAAC, Affiliated to Adkavi Narayana (Autonomy))



**Department of Botany
ICT Class Data 2022 -2023**

SKR GOVERNMENT DEGREE COLLEGE, RAJAMAHENDRAVARAM				
DEGREE First year ONLINE TIME TABLE MAY'23				
		10AM-11AM	11AM-12 PM	12PM-1PM
		1	2	3
MON	BSc	Chemistry/Comp	Maths/Bot	Physics /Zoo
	Bcom	Buss.Economics	Fin.A/C	E.Comm/Banking
	BA	Eco/Soc/Spl.Tel	History /PA/ Spl.Eng	Politics
TUE	BSc	SL	Physics /Zoo	English
	Bcom	SL	Buss.Economics	English
	BA	SL	Eco/Soc/Spl.Tel	English
WED	BSc	English	Maths/Bot	Chemistry/Comp
	Bcom	English	E.Comm/Banking	Fin.A/C
	BA	English	Politics	History /PA/ Spl.Eng
THU	BSc	Chemistry/Comp	English	SL
	Bcom	Fin.A/C	English	SL
	BA	Politics	English	SL
FRI	BSc	Physics /Zoo	Chemistry/Comp	Maths/Bot
	Bcom	Buss.Economics	E.Comm/Banking	Fin.A/C
	BA	Eco/Soc/Spl.Tel	History /PA/ Spl.Eng	Politics
SAT	BSc	Maths/Bot	SL	Physics /Zoo
	Bcom	E.Comm/Banking	SL	Buss.Economics
	BA	History /PA/ Spl.Eng	SL	Eco/Soc/Spl.Tel

SKR GOVERNMENT DEGREE COLLEGE, RAJAMAHENDRAVARAM				
DEGREE ONLINE TIME TABLE MAY'23				
		10AM-11AM	11AM-12 PM	12PM-1PM
		1	2	3
MON	BSc	Physics /Zoo	Maths/Bot	Chemistry/Comp
	BA	Politics-C4	Eco/Soc/Spl.Tel -C4	History / Spl.Eng-C4
	Bcom	CMA	Income Tax	Corporate.A/C
TUE	BSc	Maths/Bot	Chemistry /Comp	Physics /Zoo
	BA	His / Spl.Eng C5	Eco/Soc/Spl.Tel C5	Poli-C5
	Bcom	Auditing	Business Law	GST/DBMS
WED	BSc	Chemistry/Comp	Physics /Zoo	Maths/Bot
	BA	His /Spl.Eng-C4	Politics- C4	Eco/Soc/Spl.Tel C4
	Bcom	Business Law	Income Tax	CMA
THU	BSc	Physics /Zoo	Maths/Bot	Chemistry/Comp
	BA	Politics-C5	Eco/Soc/Spl.Tel -C5	History /PA/ Spl.Eng-C5
	Bcom	CMA	Income Tax	Corporate.A/C
FRI	BSc	Maths/Bot	Chemistry /Comp	Physics/Zoo
	BA	His / Spl.Eng C4	Eco/Soc/Spl.Tel C4	Politics-C4
	Bcom	Auditing	Business Law	GST/DBMS
SAT	BSc	Chemistry/Comp	Physics/Zoo	Maths/Bot
	BA	His / Spl.Eng-C5	Politics- C5	Eco/Soc/Spl.Tel C5
	Bcom	Auditing	GST/DBMS	Corporate.A/C

ICT Class Data 2022-2023

S.No	Date	Class	Topic	Name of the Faculty
1	14-10-2022	I B.Sc BZC	General characters of Fungi	Mrs.M.Sri Devi
2	05-05-2023	I B.Sc BZC	Asteraceae	
3	08-05-2023		Asclepidaceae	
4	22-05-2023		Amaranthaceae	
5	27-05-2023		Poaceae	
6	10-05-2023		II B.Sc BZC	
7	15-05-2023	II B.Sc BZC	Linkage	
8	22-05-2023		Chromosomal mapping	
9	03-05-2023		I B.Sc BZC	
10	06-05-2023	Lycopodium Life History		
11	10-05-2023	Marselia Life History		
12	17-05-2023	Stelar evolution of Pteridophytes		
13	20-05-2023	Seed habit		
14	02-05-2023	II B.Sc BZC	Chromosome structure	Ms.P.Sri Devi
15	03-05-2023		Euchromatin & Heterochromatin	
16	08-05-2023		Chromosomal mutations	
17	09-05-2023		Organization of DNA in the Chromosome	
18	23-05-2023		Methods of Plant breeding	
19	24-05-2023		Hybridization	
20	29-05-2023		DNA Markers	
21	24-05-2023	I B.Sc BZC	Geological time scale	Mrs.T.Nagamuni
22	17-11-2022	II B.Sc BZC	Biodiversity – Hot spots in India, Conservation.	
23	04-05-2023		Cell wall structure	
24	05-05-2023		Chloroplast Structure	
25	06-05-2023		Plastid DNA	
26	11-05-2023		Prokaryotic & eukaryotic Cell differences	
27	12-05-2023		DNA Structure	
28	13-05-2023		DNA types & Replication	
29	18-05-2023		RNA Structure	
30	19-05-2023		tRNA	
31	20-05-2023		Structure of Plasma Membrane	
32	25-05-2023		Photoperiodism	
33	26-05-2023		Auxins & Gibberillins	
34	27-05-2023		Cytokinins & Ethylene	



FDP's List

S.No	Date	Topic
1	19 th May to 23 rd May 2020	Participated in 5 days International Faculty Development programme on "Online teaching Tools for video Lecturing and Digital e-Learning" – Sir.CRR, Reddy College, Eluru.
2	27 th May to 28 th May 2020	Participated in 2 days International FDP Webinar on "Challenges and Opportunities in Higher Education in COVID 19 scenario. The way Forward" Organized by IQAC St. Joseph's College For Women, Visakhapatnam.
3	13 th July 17 th July 2020	Participated in 5 days International Faculty Development Programme in Botany theme on "New Frontiers in Emerging Technologies" Organized by Commissionerate of Collegiate Education, A.p, Vijayawada.
4	29 th November to 3 rd December 2022	Participated in 5 days National level online Faculty Development Programme on "Effective Pedagogy for Science" Organized by Department of Physics and Mathematics, JMJ College For Women (A), Tenali.
5	7 th December to 11 th December 2022	Participated in 5 days "Residential Training Programme on for Teachers" on content Delivery and Assessment Methods pertaining to skill courses for 1-semester TOT on Plant Nursery at AU HRDC Visakapatnam Organized by Commissionerate of Collegiate Education AP, Mangalagiri.
6	5 th January to 7 th January 2023	Participated in 3 days Training Programme on "Internship and LMS" held at Nodal Resource Center Rajamahendravaram.
7	19 th June 24 th June 2023	Participated in 6 days Training Programme on "English medium of instruction, proficiency in English" – Nodal Resource Center (NRC), Govt. College (A), Rajamahendravaram, Organized by Commissionerate of Collegiate Education AP, Mangalagiri
8	25 th June 2023	Participated in one day Faculty Development Programme on Research Paper Writing" organized by Department of Computer science and Commerce of Sri GCSR College".
9	24 th July to 28 th July 2023	Participated in FIVE DAY FDP on "RECENT ADVANCEMENTS IN ELECTRIC VEHICLE TECHNOLOGY" [RAEVT-2023] organized by the Department of Electrical & Electronics Engineering ,Basavarajeswari Group of Institutions , Ballari Institute of Technology & Management, Ballari-583104, Karnataka.



COMMISSIONERATE OF COLLEGIATE EDUCATION
GOVERNMENT OF ANDHRA PRADESH



STUDENT EVALUATION REPORT

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

Name of the Faculty : M.SRIDEVI P.SRIDEVI		Subject : BOTANY		Semester : I		Title of the Paper : Fundamentals of Microbes and Non-vas																					
Sl. No.	Student ID	Student Name	Program Code	Program Name	Specialization Code	Specialization	Course Code	Course Name	University Register No.	Continuous Internal Assessment (CIA)																	
										Mid Exam - 1		Mid Exam - 2		Total (Mid - 1 + Mid - 2)		Assignments	Seminar / GD / Field Trip etc.	Clean & Green & Attendance	Total (I+II+III+IV)		Scale Down to 25	Sem End Examination (SEE)	Total (CIA + SEE)	Result	Practical Marks	Result	Remarks
										20	15	35	15	I	II				III	IV							
1	202200185704	ALLAM SRUTHIMA	30540	BZC			71	BSC	220907110035	17	13	30	5	5	5	45	23	B	P	A-	P						
2	202200087069	BEJAWADA SUREKHA	30540	BZC			71	BSC	220907110036	15	11	26	5	5	5	41	21	D	P	A	P						
3	202200089530	BODDU SADASRI	30540	BZC			71	BSC	220907110037	12	5	17	5	5	5	32	16	F	F	D	P						
4	202200127088	BONAM LAKSHMI DURGA	30540	BZC			71	BSC	220907110038	15	13	28	5	5	5	43	22	B-	P	B-	P						
5	202200094639	BONEM DHANAKUMARI	30540	BZC			71	BSC	220907110039	15	13	28	5	5	5	43	22	C	P	B-	P						
6	202200110319	BONTHU SUDHA KIRANMAI	30540	BZC			71	BSC	220907110040	16	14	30	5	5	5	45	23	B-	P	B-	P						
7	202200200120	CHALAPAKA KEERTHIKA	30540	BZC			71	BSC	220907110041	16	13	29	5	5	5	44	22	C	P	B-	P						
8	202200132781	CHEDALA LAKSHMI DURGA	30540	BZC			71	BSC	220907110042	17	15	32	5	5	5	47	24	B-	P	A	P						
9	202200097035	DEVANA RAMYA	30540	BZC			71	BSC	220907110043	17	14	31	5	5	5	46	23	F	F	B	P						
10	202200226557	DIDDE MEGHANA HEMANJALI	30540	BZC			71	BSC	220907110044									F	F	D	P						
11	202200226557	DIDDE MEGHANA HEMANJALI	30540	BZC			71	BSC	220907110045	10	10	20	5	5	5	35	18	D	P	B-	P						
12	202200138681	DONDAPATI ISWARYA	30540	BZC			71	BSC	220907110046	15	6	21	5	5	5	36	18	D	P	C	P						
13	202200242455	GALINKI REMANISSI	30540	BZC			71	BSC	220907110047	17	14	31	5	5	5	46	23	C	P	B-	P						
14	202200173591	GORLE VASUNDHARA	30540	BZC			71	BSC	220907110048	9	12	21	5	5	5	36	18	B-	P	B-	P						
15	202200095729	GOTTUMUKKALA JAYA SRI	30540	BZC			71	BSC	220907110049	17	12	29	5	5	5	44	22	B-	P	B-	P						
16	202200245880	JANUMURI PRAVALLIKA	30540	BZC			71	BSC	220907110050	15	14	29	5	5	5	44	22	B-	P	B-	P						

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202200118028	JARAM SWATHI DORA	30540	BZC		71	BSC	220907110051	17	4	21	5	5	5	36	18	D	P	C	P
202200100441	KODE ALEKHYA	30540	BZC		71	BSC	220907110052	17	15	32	5	5	5	47	24	B+	P	A	P
202200142606	KOMARAM JHANSI	30540	BZC		71	BSC	220907110053	15	12	27	5	5	5	42	21	B	P	B+	P
202200214367	KOMMARI SWATHI	30540	BZC		71	BSC	220907110054	17	14	31	5	5	5	46	23	B+	P	B	P
202200167418	KOVVILI CHANDINI	30540	BZC		71	BSC	220907110055	15	5	20	5	5	5	35	18	F	F	C	P
202200088866	KUDE SANDHYA	30540	BZC		71	BSC	220907110056	17	14	31	5	5	5	46	23	C	P	A	P
202200003410	KUKKALA NAGADEVU	30540	BZC		71	BSC	220907110057	17	9	26	5	5	5	41	21	C	P	B+	P
202200251649	KUSIREDDY RAJYA LAKSHMI	30540	BZC		71	BSC	220907110058	14	11	25	5	5	5	40	20	D	P	B+	P
202200168782	LANDA SHARMILA	30540	BZC		71	BSC	220907110059	15	11	26	5	5	5	41	21	C	P	C	P
202200199447	MADAKAM MADHU PRIYA	30540	BZC		71	BSC	220907110060	17	11	28	5	5	5	43	22	C	P	B+	P
202200221037	MADAKAM MARY SWARUPINI	30540	BZC		71	BSC	220907110061	15	14	29	5	5	5	44	22	C	P	B+	P
202200133780	MALLIPEDDI GEETHIKA	30540	BZC		71	BSC	220907110062	15	15	30	5	5	5	45	23	B+	P	A	P
202200252639	MALLIPUDI MIGHTY GRACE	30540	BZC		71	BSC	220907110063	13	10	23	5	5	5	38	19	D	P	C	P
202200152143	MANGALA ROHITHA SRI	30540	BZC		71	BSC	220907110064	11	14	25	5	5	5	40	20	D	P	C	P
202200137218	MIRIYALA LAVANYA	30540	BZC		71	BSC	220907110065	17	13	30	5	5	5	45	23	C	P	B+	P
202200245130	MUCHIKA BHAGYA LAXMI	30540	BZC		71	BSC	220907110066	16	13	29	5	5	5	44	22	C	P	B+	P
202200097558	MUDIKA BHAVYASREE	30540	BZC		71	BSC	220907110067	17	14	31	5	5	5	46	23	C	P	B+	P
202200133516	NERRIBOINA VARSHINI	30540	BZC		71	BSC	220907110068	15	7	22	5	5	5	37	19	D	P	B+	P
202200176836	NOKKU PRASANNA	30540	BZC		71	BSC	220907110069	17	14	31	5	5	5	46	23	B	P	B	P
202200114581	NUTHALAPATI GEETHIKA	30540	BZC		71	BSC	220907110070	17	14	31				31	16	AB	AB	AB	AB
202200000715	PACHIMALA LAVANYA	30540	BZC		71	BSC	220907110071	18	13	31	5	5	5	46	23	B	P	A	P
202200146050	PALLALA AISWARYA	30540	BZC		71	BSC	220907110072	17	14	31	5	5	5	46	23	B+	P	B+	P
202200120515	PALLALA KEERTHANA REDDY	30540	BZC		71	BSC	220907110073	17	10	27	5	5	5	42	21	F	F	B+	P
202200156590	PEETA ANURADHA	30540	BZC		71	BSC	220907110074	15	14	29	5	5	5	44	22	C	P	B	P
202200118812	POLUPARTHI MANGA	30540	BZC		71	BSC	220907110075	12	13	25	5	5	5	40	20	B	P	D	P
202200084201	POLUPARTI SRAVANI	30540	BZC		71	BSC	220907110076	12	11	23	5	5	5	38	19	F	F	D	P
202200087689	PUSAM NAVYA SNEHA LATHA	30540	BZC		71	BSC	220907110077	14	13	27	5	5	5	42	21	C	P	B+	P
202200259667	RAYALA BUJELA	30540	BZC		71	BSC	220907110078	11	13	24	5	5	5	39	20	D	P	C	P
202200141160	SANIVARAPU SAI SUNITHA	30540	BZC		71	BSC	220907110079	16	14	30	5	5	5	45	23	B+	P	A	P
202200125704	SEETHAMSETTI REETHUHASINI	30540	BZC		71	BSC	220907110080	15	13	28	5	5	5	43	22	C	P	C	P
202200247139	SHEIK HEENA TASLIMA	30540	BZC		71	BSC	220907110081	15	13	28	5	5	5	43	22	C	P	D	P
202200043314	SINGOJI UMABHARGAVI	30540	BZC		71	BSC	220907110082	17	14	31	5	5	5	46	23	C	P	B+	P
202200262565	TADAPATLA NAMRATHA TEENA	30540	BZC		71	BSC	220907110083	12	9	21	5	5	5	36	18	D	P	B+	P
202200084170	TANARI SAILAJA	30540	BZC		71	BSC	220907110084	15	15	30	5	5	5	45	23	A	P	A+	P
202200130358	UPPADA AKHILANDESWARI	30540	BZC		71	BSC	220907110085	16	15	31	5	5	5	46	23	B+	P	D	P
202200236032	VASUPALLI REBECCA	30540	BZC		71	BSC	220907110086	13	13	26	5	5	5	41	21	C	P	C	P
202200129075	YADALA NARSI KUMARI	30540	BZC		71	BSC	220907110087	15	13	28	5	5	5	43	22	C	P	D	P

M. S. D.
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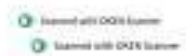
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COMMISSIONERATE OF COLLEGIATE EDUCATION GOVERNMENT OF ANDHRA PRADESH		COMMISSIONERATE OF COLLEGIATE EDUCATION GOVERNMENT OF ANDHRA PRADESH	
IBSC CBZ (EM) STUDENT EVALUATION REPORT (CONSOLIDATED) 2022-23 SEM-I		IBSC CBZ (EM) STUDENT EVALUATION REPORT (CONSOLIDATED) 2022-23 SEM-I	
Sl. No.	Name of the Candidate	Roll No.	Grade
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 Signature of the HOD
 BOTANY
 K.S. Government Degree College (B)
 RAJAMAHENDRAVARAM,
 East Godavari Dist., Andhra Pradesh

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Important Medicinal plants of Dhanvanthari medicinal garden at SKR government Degree College, Rajamahendravaram to maintain sustainable health and well being

1. Ms.B.Asha Latha, Lecturer in Botany, SKR Government Degree College (W) Rajahmundry- 533103, A.P, India. Email Id: asha.latha0317@gmail.com
2. Mrs.M.SriDevi, Lecturer in Botany, SKR Government Degree College (W) Rajahmundry- 533103, A.P, India. Email Id: msdbotany@gmail.com
3. Ms.P.SriDevi, Lecturer in Botany, SKR Government Degree College (W) Rajahmundry- 533103, A.P, India. Email Id:psridevijuly3@gmail.com
4. Mrs.T.Naga Muni, Lecturer in Botany, SKR Government Degree College (W) Rajahmundry- 533103, A.P, India. Email Id: tnagamuni.2014@gmail.com

Abstract:

All plants synthesize a number of chemical compounds for different functions, plants have properties like defense and give protection against diseases produced by virus, bacteria and fungi, etc., The present study showed that the ratio of medicinal plants that are maintained in my Dhanvanthari medicinal garden. These plants were used as home remedies to cure diseases. There are 723 plants in total included in 65 species. These 65 plants are included in 34 families. Out of 723 plants, herbs are 455, shrubs are 152, trees are 32, creepers are 65 and climbers are 19 in number. Herbs are more in number and climbers are least in number. In Prehistoric period tribal and rural area people living in forest areas still depends on indigenous system of medicine. Now a days most of the people were depending on homeopathy and Ayurveda traditional system.

Keywords: Herbal Therapy, medicinal plants, Dhanvanthari medicinal garden, diseases, Medicinal values, traditional medicine.

Introduction:

Medicinal plants are also known as medicinal herbs. Since long time plants were used for treatment to cure diseases. 70 % of Indian forest surrounding people use different plant parts as food, medicine and also for many other purposes. In India, people generally depend on herbal plants for unhealthiness and skin disorders. Now a days there is a highly demand for medicinal plants. These herbal plants are mainly used in Ayurveda. All plants contain medicinal values. In some plants roots are used in herbal therapy, in some plants leaves, stems, fruits, flowers etc., Wild species are very rich in vitamins, minerals, medicinal values. All the plants are source of shelter, timber, food and clothing. These medicinal plants are rich in bio-active compounds that serve different pharmacological activities. Tribal people mostly depend on the plants around



Isolation And Culturing Of Four Pathogens Causing Diseases In Banana Crops At Rajamahendravaram, East Godavari District, Ap, India.

1. Mrs. M.Sri Devi, Lecturer in Botany, SKR Government Degree College (W), Rajamahendravaram, 533103, A.P, India.
2. Professor . D.Sandhya Deepika, Professor in Botany, Andhra University, Visakhapatnam, 530003, A.P, India.
3. Mrs. J.Lavanya, Lecturer in Botany, Visakha Govt Degree & PG College For Women, Visakhapatnam A.P, India.
4. Ms. B.Asha Latha, Lecturer in Botany, SKR Government Degree College (W), Rajamahendravaram, 533103, A.P, India.
5. Ms. M Sabitha, Lecturer in Botany, SKVT Government Degree College, Rajamahendravaram, 533103, A.P, India.
6. Ms. P.Sri Devi, Lecturer in Botany, SKR Government Degree College (W), Rajamahendravaram, 533103, A.P, India.
7. Mrs.T.NagaMuni, Lecturer in Botany, SKR Government Degree College (W), Rajamahendravaram, 533103, A.P, India.

Abstract

In India Banana is cultivated in an area of 830.5 thousand ha and total production is around 29,779.91 thousand tons. In the present study four pathogens were identified on the banana tree (*Musa acuminata* L.). Collected diseased parts of the banana plants in Rajamahendravaram and then samples of infected tissue such as corm, root, leaf, pseudostem, flower and fruit were collected and cultured. In the present study four pathogens such as *Fusarium* sps, *Alternaria* sps, *Gloeosporium* sps and *Erwinia* sps were isolated from banana Leaf, Leaf spot, fruit and Rhizome respectively. These pathogens cause diseases in banana plant so it effects the yielding of banana plants.

Keywords: Identification, rhizome, pathogen, disease, banana, India

Introduction :

Banana is a significant natural product harvest of numerous tropical and subtropical locals of India. It is developed in India about of 830.5 thousand ha and all out creation is around 29,779.91 thousand tons. In India mainly banana developing states are Tamil Nadu, Maharashtra, Gujarat, Andhra Pradesh and Karnataka. The worldwide creation of banana is around 102028.17 thousand tons of which India contributes 29.19%. Other than India, other significant banana delivering nations are China, Philippines, Ecuador, Brazil and Indonesia.

In India banana is developed under different circumstances and creation frameworks. Determination of assortments, hence depends on countless assortments taking care of different sorts of necessities and circumstances. However, around 20 cultivars viz. Bantam Cavendish, Robusta, Monthan, Poovan, Nendran, Red banana, Nyali, Safed Velchi, Basrai, Ardhapuri, Rasthali, Kurparvalli, Karthali and Grandnaine and so forth.

Grandnaine is acquiring prevalence and may before long be the most preferred variety because of its resistance to biotic burdens and great quality packs. Bundles have all around dispersed hands with straight direction of figures, greater in size. Organic product creates alluring uniform yellow tone with preferred self life and quality over different cultivars.

Plants are contaminated by various types of microbial microorganisms and the expected inoculum for disease is available in the dirt, water and air, not withstanding plant have. Phytofungus microbes present difficult issues overall in horticulture and food industry, particularly in the subtropical and tropical locals. Moreover, many likewise produce mycotoxins, which are harmful to



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



Guest Lecture

by

**Mrs. M. Sowjanya Lecturer in Microbiology,
All Ameer College, Rajamahendravaram.**

**Topic : Sterilization Techniques - Medium
Preparation.**



Date: 15-12-2022

Time : 11:00 AM

**Venue: Botany Lab, S.K.R Government Degree
College (W), Rajamahendravaram**

Organized by : Botany Department

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12-12-2022,

Rajamahendravaram.

To,

The principal,

SKR Government Degree college (W)

Rajamahendravaram.

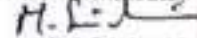
Sub: Permission to conduct guest lecture- reg.,

Respected Madam,

I am Mrs.M.Sridevi, Incharge of the Botany department planned to conduct Guest lecture for III B.Sc BZC (TM & EM) students on 15-12-2022. So, I request you to give me permission to conduct Guest lecture.

Thanking you,

Yours faithfully


(M.Sridevi)

12-12-2022,

Rajahendravaram.

To,

The principal,

All Ameer College,

Rajahendravaram,

East Godavari District.

Sub:- Permission to conduct guest lecture in Botany-- request to relive M.Sowjanya - reg.,

Respected Sir,

Greetings from SKR Government Degree college (W) Rajamahendravaram. We wish to utilize the services of Mrs.M.Sowjanya Lecturer in Microbiology with regard to delivering a lecture to III B.Sc BZC (TM & EM) students.

Thanking you,

Principal,

SKR Government Degree college (W)

Rajahendravaram.

**SMT KANDUKURI RAJYALAKSHMI GOVERNMENT
DEGREE COLLEGE (W), RAJAMAHENDRAVARM
REPORT ON DEPARTMENT ACTIVITY-2022-2023**

DEPARTMENT OF : BOTANY

**NAME OF THE ACTIVITY : Guest Lecture on "Sterilization
Techniques - Medium Preparation".**

**RESOURCE PERSON :Ms.M. Sowjanya Lecturer in
Microbiology, All Ameer College Rajamahendravaram.**

DATE : 15/12/2022

TIME : 11.00 AM. TO 1.00 PM.

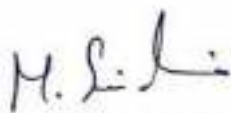
**NO. OF STUDENTS
PARTICIPATED: 70**

**NO. OF FACULTY
PARTICIPATED:04**

OBJECTIVES :

- ❖ The plant lets are obtained in a very short time with a small amount of plant tissue.
- ❖ The new plants produced are disease-free.
- ❖ The plants can be grown throughout the year, irrespective of the season.
- ❖ A large space is not required to grow plants by tissue culture technique.
- ❖ The production of new varieties in the market place speeds up.
- ❖ This technique is being used for the production of ornamental plants such as dahlia, chrysanthemum, orchids, etc.

EVIDENCE :



Signature of the
In charge of the Department



Signature of the
PRINCIPAL
S.K.R. Government Degree College (W.O.C.)
RAJAMAHENDRAVARAM,
East Godavari Dist., Andhra Pradesh

**SMT KANDUKURI RAJYALAKSHMI GOVERNMENT DEGREE COLLEGE (W),
RAJAMAHENDRAVARAM**

REPORT ON DEPARTMENT ACTIVITY-2022-2023

DEPARTMENT OF : BOTANY	
NAME OF THE ACTIVITY : FIELD TRIP	
RESOURCE PERSON. : Smt.M.Sridevi and Kum. P. Sridevi	
DATE. : 26/11/2022	TIME. : 8.00 AM. to 5.00 PM.
NO. OF STUDENTS PARTICIPATED : 53	NO. OF FACULTY PARTICIPATED- Teaching : 02 Non-teaching : 03
OBJECTIVES : The purpose of the trip is usually observation for education, non experimental research or to provide students with experience to observe outside natural vegetation of forest and canopy of the forest, different wild species adaptations.	

DISCRIPTION IN BRIEF : We met one guide to explain in detail about the forest and their visiting spots. The guide explain in detail ad we noted down some notes and interviewed the guide about how many halophytic species are present in the Mangrove forest and how the protected from environmental disasters.

OUT COME : The trip was successful and we believed that our objective was achieved. We learned something new and beneficial. It was well recommended trip especially for BSC Life science students.

EVIDENCE. :

 Signature of the In charge of the Department	 Signature of the IQAC Co-ordinator	 Signature of the PRINCIPAL
S.K.R. Government Degree College (W) RAJAMAHENDRAVARAM, East Godavari Dist., Andhra Pradesh	S.K.R. Government Degree College (W) RAJAMAHENDRAVARAM, East Godavari Dist., Andhra Pradesh	S.K.R. Government Degree College (W) RAJAMAHENDRAVARAM, East Godavari Dist., Andhra Pradesh

S.K.R.GOVERNMENT DEGREE COLLEGE (W)
RAJAMAHENDRAVARAM
DEPARTMENT OF BOTANY FIELD TRIP
CORINGA WILD LIFE SANCTUARY

• **INTRODUCTION :**

On 26-11-2022 II BSC (BZC) 53 students with 2 lectures went for a trip to "CORINGA WILD LIFE SANCTUARY" at Kakinada ,East Godavari District , to observe flora in the forest areas. CORINGA, also known as Korangi by natives, is a tiny coastal village of the East Godavari district, in Andhra Pradesh, India.

We arrived there at morning 8.00 A.M and visited lot of wild plants and rare species like *Avicennia marina*, *Rhizophora mucronata* etc.



- **TRIP OBJECTIVES:**

The purpose of the trip is usually observation for education, non experimental research or to provide students with experience to observe outside natural vegetation of forest and Canopy of the forest ,different wild species adaptations.



- **FIELD OBSERVATION:**

We met one guide to explain in detail about the forest and their visiting spots. The guide explain in detail and we noted down some notes and interviewed the guide about how many Halophytic species are present in the Mangrove forest and how the protected from environmental disasters. The question and answers session between students and guide took 2 hours around. We also visited and walk the wooden bridge and glass bridge in Mada forest area and seed different types of mangrove plants . Halophytic plants and rare species twigs to prepare Herbarium to preserve for further observation.

- **CONCLUSION:**

Our trip ended about 5.00pm it can be concluded that the trip was successful and we believed that our objective was achieved. We learned something new and beneficial. It was well recommended trip especially for BSC life science students.



S.K.R GOVERNMENT DEGREE COLLEGE (W)



RAJAMAHENDRAVARAM

REPORT ON DEPARTMENT ACTIVITY-2022-2023

DEPARTMENT OF : BOTANY	
NAME OF THE ACTIVITY : Field Trip	
PLACE : Maredumilli, Devarapalli, Rampachodavaram	
RESOURCE PERSON : Mrs. M.Sri Devi, Ms.P Sri Devi and Ms B.Asha Latha of SKR Government Degree College (W), Rajamahendravaram.	
DATE : 21/01/2023	TIME : 8.00 AM. TO 5.00 PM.
Class : III B.Sc	Group: BZC (TM & EM)
NO. OF STUDENTS PARTICIPATED : 65	NO. OF FACULTY PARTICIPATED Teaching : 03 Non Teaching : 03

M.S.D.
Signature of the
In charge of the Department

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

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S.K.R.GOVERNMENT DEGREE COLLEGE (W)

RAJAMAHENDRAVARAM

DEPARTMENT OF BOTANY FIELD TRIP- MAREDUMILLI

INTRODUCTION :

On 21st January 2023 III BSC (BZC) 63 students with 3 lecturers went for a trip to Rubber Processing Unit Devarapalli and Coffee Plantation at Maredumilli, Rampachodavaram East Godavari District, to observe flora in the forest areas.

We arrived there at morning 8.00 am and visited areas rich in wild plants and rare species like *Pterocarpus santalinus* (Red sander), *Bixa orellana* (Food Colour) and Pinus Plantation. Also visited Rubber plantation Pepper plantation and Coffee plantation at Maredumilli.



TRIP OBJECTIVES:

- To enlighten the students with the flora of the region.
- The purpose of the trip is usually observation for education, non experimental research or to provide students with experience to observe outside natural vegetation of forest and Canopy of the forest ,different wild species adaptations.And also to sensitize students towards the need for conserving natural resources.

Rubber Processing Unit



Rubber Making



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SRI USHA KIRAN NURSERY

ALL KINDS OF FRUIT & FLOWER PLANTS SUPPLIERS

Prop : *Degala Babulu & Sons*

KADIYAPULANKA , Kadiyam Mandalam, Veeravaram Road, E.G Dt., (A.P.)

E-mail : ushakirannursery@gmail.com Website : www.sriushakirannursery.com

Date 24-02-2020

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

DEPARTMENT OF BOTANY

SMT. KANDUKURI RAJYALAKSHMI COLLEGE FOR WOMEN,
RAJAHMUNDRY, AP.

AND

SRI USHA KIRAN NURSERY

KADIYAPULANKA, KADIYAM MANDAL, EAST GODAVARI DT., (AP).

This Memorandum of Understanding(MOU) sets for the terms and understanding for training and employment possibilities for the students of "Department of Botany", SKR COLLEGE FOR WOMEN, Rajahmundry.


The Objectives of MOU Are:

- To promote and enhance interest between students of Botany Department, Smt. Kandukuri Rajyalakshmi College for Women, Rajahmundry and Sri Usha Kiran Nursery, Kadiyapulanka, Kadiyam mandal, East Godavari Dt.,(AP).
- To provide advice for implementation of quality education at Department of Botany, SKR COLLEGE FOR WOMEN, Rajahmundry.

- To bridge the gap between the requirements of the potential employers and education by providing skill-development programmes for the improvement of employability of the students.
- The two institution will encourage direct contact and cooperation between students and experts in this field for the exchange of facilities and equipment.
- The above goals will be accomplished by the activities such as educational visit, short-term training and internships.
- Recognise the mutual interest in the fields of training and development and dissemination of knowledge.

By signing below the institutes acting by their duly authorized Officer, have caused this memorandum of understanding to be executed effective as of the day and year first above written on today i.e., on 24-02-2020 for a period of three academic years (2020-2023).

P. Ramesh
Principal 24/2/2020
SKR College For Women
Rajamahendravaram
East Godavari Dt., AP.
PRINCIPAL
S.K.R. College for Women
RAJAHMUNDRY - 533 103



Devala Ramu.
Sri Usha Kiran Nursery
Kadiyapulanka,
Kadiyam mandal,
East Godavari Dt., AP.

SRI USHA KIRAN NURSERY
Kadiyapulanka , Kadiyam (T))
East Godavari (Dist) A.P. 533126.
Call: 9849509475, 8919659377

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Date : _____

MEMORANDUM OF UNDERSTANDING (MOU)
BETWEEN
DEPARTMENT OF BOTANY
S.K.R.COLLEGE FOR WOMEN, RAJAMAHENDRAVARAM,
EAST GODAVARI DIST.,A.P
AND
SRI LAKSHMI MUSHROOM INDUSTRY
HUKUMPETA, RAJAMAHENDRAVARAM,
EAST GODAVARI DIST.,A.P

This Memorandum of Understanding (MOU) Sets For The Terms And Understanding For Training And Employment Possibilities For The Students Of Department Of Botany , S.K.R.College For Women, Rajamahendravaram.


The Objective Of MOU Are :-

- To Promote and Enhance Interest Between Students of Botany Department.
- To Provide advice for implementation of quality education.
- To Bridge the gap between the requirements of the potential employers and education by providing skill development of employability of the students.
- The two institution will encourage direct contact and co-operation between students and experts in this field for the exchange of facilities and equipment.
- Recognize the mutual interest in the fields of training and development and dissemination of knowledge.

By signing below the institutes acting by their duly authorized officer have caused their memorandum of understanding to be executed effective as of the day and year first above written on today i.e 05/11/2021 for a period of three academic years (2021 to 2024).


Signature of the Principal

PRINCIPAL
S.K.R. COLLEGE FOR WOMEN
HITHAKARINI SAMAJ
Endowments Dept.,Govt.of Andhra Pradesh
RAJAMAHENDRAVARAM


Signature of the Proprietor

LAKSHMI MUSHROOMS
RAJAHMUNDRY,

MEMORANDUM OF UNDERSTANDING (MOU)
BETWEEN
DEPARTMENT OF BOTANY
SMT.KANDUKURI RAJYALAKSHMI COLLEGE FOR WOMEN,
RAJAMAHENDRAVARAM, ANDHRAPRADESH
AND
QREN LIFESCIENCES PVT. LTD.
AMEERPET, HYDERABAD,
TELANGANA, INDIA

This Memorandum of Understanding (MOU) sets for the terms and understanding for training and employment possibilities for the students of "Department of Botany", S.K.R.COLLEGE FOR WOMEN, Rajamahendravaram.

Objectives of the MOU:

The objectives of MOU are:

- To promote and enhance interest between students of Botany Department, Smt. Kandukuri Rajyalakshmi College for Women, Rajamahendravaram and QREN LIFESCIENCES PVT.LTD., AMEERPET, HYDERABAD, TELANGANA, INDIA.
- To provide advice for implementation of quality education at Department of Botany, Smt. Kandukuri Rajyalakshmi College for Women, Rajamahendravaram.
- To bridge the gap between the requirements of the potential employers and education by providing skill-development programmes for the improvement of employability of the students.
- The two institutions will encourage direct contact and cooperation between students and experts in this field for the exchange of facilities and equipment.
- The above goals will be accomplished by the activities such as educational visit, short-term training and internships.
- Recognise the mutual interest in the fields of training and development and dissemination of knowledge.

Proposed modes of Collaboration

Smt. Kandukuri Rajyalakshmi College for Women, Rajamahendravaram and QREN LIFESCIENCES PVT.LTD., Ameerpet, Hyderabad, Telangana, India proposed to collaborate through the following:

- Cooperation and promotion of education, training and research in the areas of mutual interest.
- Any other appropriate mode of interaction agreed upon between Department of Botany, Smt. Kandukuri Rajyalakshmi College for Women, Rajamahendravaram and QREN LIFESCIENCES PVT.LTD., Ameerpet, Hyderabad, Telangana.
- A specific plan will be worked out by the institute depending upon availability of resource.
- A specific agreement will be entered into for each activity.

TERMS AND CONDITIONS

Duration: This MOU is at will and may be modified by mutual consent of authorized officials from the list partners.

Coordinators: College and QREN LIFESCIENCES PVT.LTD., Ameerpet, Hyderabad, Telangana will designate persons who will have responsibility for co-ordination and implementation of this agreement.

Signed in Duplicate: This MOU is executed in duplicate with each copy being an official version and having equal legal validity.

By signing below the institutes acting by their duly authorised Officer, have caused this memorandum of understanding to be executed effective as of the day and year first above written on today i.e., on 01-04-2022 for a period of two academic years.



Principal
S.K.R.College for Women,
Rajamahendravaram
East Godavari- A.P
S.K.R. COLLEGE FOR WOMEN
HITHAKARINI SAMAJ
Endowments Dept, Govt. of Andhra Pradesh
RAJAMAHENDRAVARAM




QREN LIFESCIENCES PVT.LTD.
Ameerpet, Hyderabad
Telangana -500016

QREN LIFE SCIENCES PVT. LTD.
6-3-852/2B/11, Aparajita Colony,
Lal Bungalow, Ameerpet,
Hyderabad-500 016.



ఆంధ్రప్రదేశ్ రాష్ట్రం ANDHRA PRADESH
Serial No: 12557
Purchased By : P.RAGHAVA KUMARI
D/O PINIPEY SATYANARAYANA
RAJAHMUNDRY
Denomination: 100
For: SKR GOVT. DEGREE COLLEGE
(PRINCIPAL)
RAJAHMUNDRY
Date: 14-09-2022
Stamp S. no: DB 963906
Sub Registrar
Ex. Officio Stamp Vendor
SRC - Rajahmundry (R.O)


MEMORANDUM OF UNDERSTANDING

BETWEEN SKR Government Degree College (Women), Rajamahendravaram
AND
SKVT Government Degree College, Rajamahendravaram

1. Parties:

The Memorandum of Understanding (Here in after referred to as MOU) is made and entered into by and between the

- a. Department of Botany,
SKR Government Degree College (Women),
Rajamahendravaram, East Godavari District,
And
- b. Department of Botany
SKVT Government Degree College,
Rajamahendravaram, East Godavari District.


PRINCIPAL
SKR Government Degree College
Rajamahendravaram
East Godavari District




PRINCIPAL
S.K.V.T. Government Degree College
Rajamahendravaram
East Godavari Dist, A.P. INDIA

2. Purpose:-

The purpose of this MOU is to promote and enrich teaching and learning process through exchange of faculty for guest lectures and to provide an opportunity for the students to teach the peers.

3. Activities:-

The two institutions agree to:

A. Encourage the development of research projects involving faculty and students from both the parties.

B. Cooperate with each other in the conduct of guest lectures /invited talks and in organizing various academic and laboratory oriented practical's, seminars, symposia, workshops, fests, events and the competitions such as quiz, elocution, essay writing, role plays and the like by students at each other institutions.

C. Facilitate party 1 to conduct outreach training programs to all the faculty and students of party 2 in the areas of research field in order to enhance the teaching skills and competencies of the latter both in terms of subject and knowledge and effective implementation of pedagogical tools in student centric method.

4. Duration of the agreement:

This MOU is valid for TWO years i.e., 2022 to 2024, starting on the date that is signed by the SKR Government Degree College (Women), Rajamahendravaram and SKVT Government Degree College, Rajamahendravaram. The MOU can be terminated by other one of the two parties with their return notification 3 months in advance of the anticipated termination. It may also be extended by mutual agreement of the parties involved.

Any difficulty or controversy that may arise between the collaborating institutions will be amicably resolved by the authorities of both institutions.

5. Responsibilities of the parties:

The signatories of both parties permit their faculty and students to attend and participate in guest lectures, invited talks, seminars, workshops, symposium along with various other science departments' oriented academic competitions such as quizzes, role plays, elocution, essay writing, performances of skills and the like.

The parties shall entrust a faculty member in their respective institutions to liaison between the parties.

6. Signatures:

In witness whereof, the parties to this MOU through their duly authorized representatives have executed this MOU on the days and dates set out below and certified that they have read understood and agreed to the terms and conditions of this MOU as set forth herein.

The effective date of this MOU is the date of the signature affixed to this page.



SIGNATURE OF THE PRINCIPAL

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



SIGNATURE OF THE PRINCIPAL

PRINCIPAL
S.K.V.T. Government Degree College
Rajamahendravaram
East Godavari Dist, A.P. INDIA



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DEPARTMENT OF BOTANY

LIST OF HIGER EDUCATION 2022-2023

S.NO	CLASS	NAME OF THE STUDENT	SUBJECT	APPGET RANK	UNIVERSITY/COLLEGE
1	III BSC CBZ	VEERINA PRANITHA	BOTANY	58	
2	III BSC CBZ	JUPUDI PRATHUSHA	BOTANY	112	ANDHARA UNIVERSITY VISAKAHAPATANAM
3	III BSC CBZ	KASAGANA VENI SRIDEVI	FOOD AND NUTRITION SCIENCE	186	ANDHARA UNIVERSITY VISAKAHAPATANAM
4	III BSC CBZ	MASABATHULA NIHARIKA	BOTANY	238	ANDHARA UNIVERSITY VISAKAHAPATANAM
5	III BSC CBZ	MADAKAM PRIYANKA	BOTANY	330	
6	III BSC CBZ	PEDDADA BHARATHI LUCKY	BOTANY	373	ADIKAVI NANNAYA UNIVERSITY R.J.Y



APPGET-2023
Post Graduate Common Entrance Tests
(Conducted by Andhra University, Visakhapatnam on behalf of APSAR)



RANK CARD

<p>Hall Ticket No. : 30320230450 Candidate's Name : VEERINA PRANITHA Father's Name : VEERINA GOPALAM Test Code & Paper : 303 : Botany</p>	<p style="text-align: center;">Community BC-B</p> <p style="text-align: center;">Date of Birth 25/07/2003</p>  <p style="text-align: center;">✓ Prantha</p>
<p>Marks Obtained : 57 Rank : 58</p>    <p style="text-align: center;">CHIEVER</p>	

INSTRUCTIONS TO THE CANDIDATE

1. The advertisement was first published in various P.G. Courses (M.A., M.Com., M.Sc., B.Ed., M.F.A., M.L.S., M.L.P., M.L.P.Ed., M.Sc. Tech. and) in the Academic Year 2022-23 offered by Andhra Pradesh State Council of Higher Education and State Government Affiliated Universities and Private (Autonomous) Colleges including distance Education Institutions in the State with the main objective to provide a consolidated work environment. Further, the candidates will be available to website. The qualified candidates are referred to visit the website from time to time for further information regarding.

2. The eligibility of the candidates to get verified is provided at the time of application and during the entrance test. The verification will be done for further admission to website.

3. The candidates called for entrance test should have the following original documents requirements as specified for verification for admission.

4. Rank Card and Hall Ticket of APPGET-2023.

5. Candidate's photograph (2.5 x 3.5) from the Institution where the candidate has last studied.

6. Entrance certificate and certificate for recognition of marks or consolidated marks of quantitative examination after successful completion of all subjects. The candidate should ensure that he/she has passed the qualifying examination with requisite percent of marks without any relaxation. For admission will not be considered.

7. Secondary school or High school certificate in Hindi or English.

8. Candidate certificate from 10th & 12th standard in Hindi or English.

9. A certificate of caste if applicable in any of the above categories.

10. Latest passport size photograph (45mm x 35mm) and recent called for admission under these categories.

11. A certificate of special category, if applicable, and referred for admission under these categories.

12. In addition to the above, the candidates must also submit statement of income certificate that are similar to those enclosed during the entrance.

APPGET - 2023
Post Graduate Common Entrance Exam
 (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)

RANK CARD

Roll Ticket No.	30220230000	E1	E1
Candidate's Name	KANAKANA VENKATESH	E1	
Father's Name	KANAKANA BHADRANANDA RAO	E1	
Roll Code & Date	302 & 1708	E1	

Mark's Statement









IMPORTANT INSTRUCTIONS

1. The admission card prepared on basis of Roll Ticket No. 30220230000, Date of Birth 17/08/2002, Roll Code 302 & 1708, Category E1, is hereby declared to be valid for admission to the Post Graduate Common Entrance Exam for the year 2023. The candidate has to appear for the exam on the date and time mentioned in the card. The candidate has to bring the original and self-reported copies of the documents mentioned in the card with him/her on the day of the exam.
2. The candidate of the admission card is not entitled to demand any refund of the fee paid for the exam. The candidate has to appear for the exam on the date and time mentioned in the card.
3. The candidate is not allowed to bring any electronic device like mobile phone, calculator, etc. to the exam center. The candidate has to bring the original and self-reported copies of the documents mentioned in the card with him/her on the day of the exam.
4. Mark 1 and Roll Ticket No. 30220230000.
5. Mark 2 and Roll Ticket No. 30220230000.
6. Mark 3 and Roll Ticket No. 30220230000.
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102. Mark 99 and Roll Ticket No. 30220230000.
103. Mark 100 and Roll Ticket No. 30220230000.

APPGET - 2023
Post Graduate Admissions
 (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)

Roll Ticket No.	30220230000	Date	17/08/2023
Candidate Name	KANAKANA VENKATESH	Father's Name	KANAKANA BHADRANANDA RAO
Gender	Male	Category	E1

IMPORTANT INSTRUCTIONS

This is to inform that the options entered by the candidate have been processed based on Roll Ticket No. 30220230000, Date of Birth 17/08/2002, Roll Code 302 & 1708, Category E1, is hereby declared to be valid for admission to the Post Graduate Common Entrance Exam for the year 2023. The candidate has to appear for the exam on the date and time mentioned in the card. The candidate has to bring the original and self-reported copies of the documents mentioned in the card with him/her on the day of the exam.

Instructions to Candidates:

1. The candidate is instructed to report by showing an Admitted letter and Self-reporting under Form No. 30220230000.
2. Take print out of two copies of joining report and report to the allotted college with an original certificate. Attach a copy of joining report and admit acknowledgement on 2nd copy from the College where you have reported and return the same with you.
3. If any candidate fails to submit valid original certificates for admission or showing higher qualification, caste, region and any other mandatory documents, at the allotted college, provisional allotment of the seat will be cancelled automatically.
4. Self Self-reporting and reporting at the allotted college is compulsory to retain the present allotment. The last date for Self-reporting and reporting at the allotted college is 10/10/2023. If at any necessary time if any is the allotted college.
5. If you do not report through Self-reporting system and/or not reporting at the allotted college, the provisional allotment will be cancelled and you have to claim at the next allotment.
6. If the candidate's documents carried hard copy of a hard copy, your allotment will be cancelled and you are also liable for original documents.
7. All the Candidates are requested to verify the original certificates viz. caste, study, income and Degree/Diploma certificates of the parents and submit thoroughly and request to bring to the notice of the Controller, APPGET-2023 Admissions for any deviation.
8. The candidate is informed that the class work shall be downloaded from 08/10/2023 and should be shown to attend the class work.

APPGET-2023 ADMISIONS

CONVENOR

APPGET-2023 ADMISIONS

** This document is subject to the terms and conditions of the APPGET-2023 Admissions. **

	APPGCET-2023 Post Graduate Common Entrance Tests (Conducted by Andhra University, Visakhapatnam on behalf of APSCHE)	
RANK CARD		
Hall Ticket No. : 30320230380 Candidate's Name : PRIYANKA MADAKAM Father's Name : MADAKAM SURYA CHANDRAM DORA Test Code & Paper : 303 : Botany		Community ST Date of Birth 17/08/2002
Marks Obtained : 42 Rank : 330		
   Convener		
INSTRUCTIONS TO THE CANDIDATE		
<ol style="list-style-type: none"> 1. The admissions are for post graduate P.G. Courses (M.A., M.Com., M.S., M.C., M.J.M.C., M.L.D.E., M.E.I., M.F.E.I., M.Sy. Tech. etc.) in the Academic Year 2023-24 offered by Andhra Pradesh State Council of Higher Education and their Constituent Affiliated Government and Private (Aided/Unaided) Colleges including Minority Educational Institutions in the State will be made through a centralized web portal. Further details will be available at website. The qualified candidates are advised to visit the website from time to time for further admissions details. Website: http://www.apscche.gov.in 2. The eligibility of the candidates is not verified. It is the responsibility of the candidates to ensure that they are eligible for the course to which they are applying for admission. 3. The candidates called for certificate verification must have the following original certificates/documents to apply for verification: <ol style="list-style-type: none"> I. Rank Card and Hall Ticket of APPGCET - 2023. II. Transfer Certificate (T.C) from the institution where the candidate has last studied. III. Degree certificate and complete marksheet of marks or consolidated marks of qualifying examination (the above-mentioned items are not allowed). The candidate should ensure that he/she has passed the qualifying examination with requisite percent of marks without which he/she is not admissible to apply for admission. IV. Secondary School Certificate (SSC) Certificate. V. Domicile certificate from the Government or Proof of Local / Non-Local status of the candidate as per the rules in force. VI. Community / Caste Certificate, if applicable. VII. Latest two-size Color photograph taken after 01.01.2023, if applicable. VIII. Certificate of special categories of applicants, and when called for admission under those categories. IX. Aadhar Card. 4. In addition to the above, the candidates must also upload passport size photographs that are similar to those submitted during the exam. 		



S K R GOVERNMENT DEGREE COLLEGE (WOMEN)



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

Re-Accredited at B⁺ Grade by NAAC

Affiliated to Adikavi Nannaya University

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

www.skrgcdwryy.ac.in

Established 1968

E-mail: skrgcdwryy@gmail.com

DEPARTMENT OF BOTANY

ACTION PLAN 2022 – 2023



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DEPARTMENT OF BOTANY

ACTION PLAN FOR THE ACADEMIC YEAR 2022 – 2023

S.No	Month/Year	Proposed Activities	Remarks
1	September-2022 I Week	Preparation of annual Action Plans	Yes
	II Week	Conduct of "World Ozone Day" on this occasion I BSC CBZ Students prepared placard and slogans to create awareness	Yes Conducted
	III Week	II Year students internship	Yes
	IV Week	Preparation of annual Curricular Plans	Yes
2	October-2022 I Week	A report on all the activities conducted in the department for the academic year is maintained.	Yes
	II Week	Preparation of e-content	
	III Week	Conduct of I BSC CBZ Students Orientation program	
	IV Week	Conduct of bridge course to the I Year students	
3	November-2022	Assignment	

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	I Week		
	II Week	Conduct online Quiz	
	III Week	Conduct of Guest Lecture by eminent academician.	
	IV Week	Student Group discussions & Assignment	
4	December-2022 I Week	Conduct of students peer teaching	
	II Week	I Midterm examinations III,II & I Year students	
	III Week	Conduct of Green audit	
	IV Week	Conduct of Medicinal garden development	
5	January-2023 I Week	Conduct of Field visit for final year students	
	II Week	Sankranti sambharalu	
	III Week	Conduct of student seminars	
	IV Week	Conduct of students clean and green program	
6	February-2023 I Week	Add-on course:- Plant tissue culture lab	
	II Week	II Midterm examinations for III,II & I Year students	
	III Week	Conduct of Remedial Coaching	
	IV Week	Remedial Coaching /Students feedback/ National Science day	
7	March-2023 I Week	Conduct of study hours	
	II Week	Preparation of e-content (even sem)	
	III Week	Preparation of curricular plans for even sem	
	IV Week	III Year students Internship	
8	April - 2023 I Week	Value added course : Natural forming in association with "Rythu	

		Sadhikara samstha" (RYSS)	
	II Week	Students Group Discussion	
	III Week	Assignments	
	IV Week	Conduct of online Quiz	
9	May - 2023 I Week	I Midterm examination for II & I Year	
	II Week	Conduct of student seminars	
	III Week		
	IV Week	Conduct of Guest Lecture by eminent academician.	
10	June - 2023 I Week	Field visit to Mushroom cultivation for I Year students	
	II Week	II Midterm examinations for II & I Year (Online)	
	III Week	Remedial Coaching / Departmental feedback	
	IV Week	Conduct of study hours / Institutional feedback.	


 H. S. S. S.
 Signature of the
 Incharge of Department
 S.K.R. Government Degree College
 RAJAMAHENDRAVARAM
 East Godavari Dist., Andhra Pradesh


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



SKR COLLEGE FOR WOMEN
RAJAMAHENDRAVARAM



DEPARTMENT OF BOTANY
BEST PRACTICES



PREPARATION OF
DHRAVAJEEVAMRUTHAMU

OBJECTIVES OF THE PRACTICE :

- To avoid pesticides and maintain a healthy environment.
- To promote organic sustainable agriculture practices.
- DhravaJeevamrutham has beneficial microorganisms that help soil fertility. It turns normal soil into rich healthy soil and helps plants to grow faster and produce good crops.

NEED ADDRESSED AND THE CONTEXT:

- It can be made at minor cost with the plant leaves and urine available locally.
- It has no side effects on the soil and the produce.
- It boosts the plant and its growth, gives a good yield.
- Gives resistance against pests and diseases.
- Increases beneficial organism activity and promotes organic carbon in the soil.
- It is completely organic and provide all the nutrients required for plant growth and it also prevents plants from pest and diseases. Unlike other organic manure that takes months to be prepared, you can prepare dhrava jeevamrutham within a week.

THE PRACTICE:

Mr. P. V.S. Gowtham, Master trainer, H.R of Rythu sadhikara Samstha guided the students of B.Sc BZC to prepare Ghana and Dhrava jeevamruthamu by using Cow dung, cow urine, Jaggery and basan powder in the college campus under best practice organized by Botany of the department.

PREPARATION:

- For the preparation of 100 lit of Dhravajeevamruthamu, take 100 liter water in a drum and add 10 kg cow dung plus 10 lit in cow urine.
- Mix well with the help of wooden stick add 2 kg jaggery and 2 kg of Besan powder mix this solution well with wooden stick.
- Keep this solution for fermentation for 5 to 7 days.

CONCLUSION:

The preparation methods are helped the B.Sc students to know the procedure, importance and usage of dhravajeevamruthamu. Students spend their time and actively participated in the preparation of dhravajeevamruthamu. The main aim of this activity is students should aware of the advantages of organic farming and sustainable agricultural practices. It is a good skill development practice to the students.

EVIDENCE:



Procedure Explanation



Department of Botany

Green campus



**MEDICINAL GARDEN IN OUR
CAMPUS**

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1. Objective of the Practice :

To enumerate the number of trees and plants available on the campus.

To label plants/trees.

To realize the purpose or usefulness of plants/trees.

2. Need Addressed and the Context:

To have the awareness of richness of plant kingdom on the campus

To uphold and sustain ecosystem.

To improve the environment.

3. The Practice:

Implemented from the year 2015-16

Web referance.

Identification of flora and fauna on the campus.

4. Evidence of Success:

Sustainable development of greenary in the campus

Contribution to campus beautification

5. Resources:

• Godavari Maha Pushkara Vanam , Medicinal garden , Rajamahendravaram

• Vanantharam , Adathigala .



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Department of Botany
Best Practice



MEDICINAL GARDEN

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OBJECTIVE OF THE PRACTICE :

- To develop medicinal garden to nurture few endangered species of plant kingdom and to promote interest among the students towards gardening
- To promote organic farming
- To enhance and support bio-diversity on the campus.

NEED ADDRESSED AND THE CONTEXT:

- Main objective is to enrich students with cultivation skills and make them to love plants.
- Protection of few Endangered species
- To promote students to develop interest towards higher studies in plant sciences.
- Utility of medicinal plants basing on their merits.

THE PRACTICE:

- Identification of plants based on their potential applications
- Supporting the cause of campus beautification .

EVIDENCE OF SUCCESS:

- Developed more than 60 rare Medicinal Plant Species
- Contribution to campus beautification

RESOURCES:

- Godavari Maha Pushkara Vanam , Medicinal garden , Rajamahendravaram
- Vanantharam , Adathigala .

DEPT. OF BOTANY :: MEDICINAL GARDEN



Andrographis paniculata

Adathoda vasica



Piper longum



M. S. L.
Signature of the HOD
Head of the Department
BOTANY
S.K.R. COLLEGE FOR WOMEN
RAJAMAHENDRAVARAM

P. N. C.
Signature of the principal
PRINCIPAL
S.K.R. COLLEGE FOR WOMEN
LAKSHAKARINI SAMAJ
Endowments Dept, Govt. of Andhra Pradesh
RAJAMAHENDRAVARAM

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