

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

(Re-Accredited by NAAC with 'B')

**KAKINADA 533002 EASTGODAVARI, ANDHRA PRADESH**

## DEPARTMENT OF BOTANY 2023-2024 COURSE STRUCTURE AND SYLLABUS

S.No.	Semester	Title of the Course (Paper)	Hours /week	Max. Marks (SEE)	Marks in CIA	Credits
1.	Sem.-I Course - 1	Introduction to Classical Biology (Theory)	05	60	40	04
2	Sem.-I Course - 2	Introduction to Applied Biology (Theory)	05	60	40	04
3	Sem.-II Course - 3	Non-Vascular Plants (Theory)	03	60	40	03
	Sem.-II Course - 3	Non-Vascular Plants (Practical)	02	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
4	Sem.-II Course - 4	Origin of Life and Diversity of Microbes (Theory)	03	60	40	03
	Sem.-II Course- 4	Origin of Life and Diversity of Microbes (Practical)	02	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
5	Sem.-III Course-3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity (Theory)	04	60	40	04
	Sem.-III Course-3	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity (Practical)	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
6	Sem.-IV Course-4	Plant Physiology and Metabolism (Theory)	04	60	40	04
	Sem.-IV Course- 4	Plant Physiology and Metabolism (Practical)	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
7	Sem.- IV Course- 5	Cell Biology, Genetics and Plant Breeding (Theory)	04	60	40	04
	Course- 5	Cell Biology, Genetics and Plant Breeding (Practical)	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
8	Sem.- V Course- 6A	Plant Propagation (Theory)	03	75	25	04
	Course- 6A	Plant Propagation (Practical)	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01

9	Sem. V Course-7A	Seed Technology (Theory)	03	75	25	04
	Sem. V Course 7A	Seed Technology (Practical)	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem.- V Course- 6B	Vegetable crops- Cultivation Practices	03	75	25	04
	Course- 6B Practical	Vegetable crops- Cultivation Practices	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem. V Course-7B	Vegetable crops – Post Harvest Practices	03	75	25	04
	Sem. V Course 7B Practical	Vegetable crops – Post Harvest Practices	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem.- V Course- 6C	Plant Tissue Culture	03	75	25	04
	Course- 6C Practical	Plant Tissue Culture	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem.- V Course- 7C	Mushroom Cultivation	03	75	25	04
	Course- 7C Practical	Mushroom Cultivation	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem.- V Course- 6D	Gardening and Landscaping	03	75	25	04
	Course- 6D Practical	Gardening and Landscaping	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01
	Sem.- V Course- 7D	Agroforestry	03	75	25	04
	Course- 7D Practical	Agroforestry	03	Max. Marks-40 External assessment and Internal assessment -10M at Semester end		01