

GOVT. DEGREE COLLEGE FOR WOMEN
NALGONDA

DEPARTMENT OF BOTANY



**SIGNIFICANT ACHIEVEMENTS OF THE
DEPARTMENT**

2020-21

1. DATA BASE OF PLANTS IN COLLEGE CAMPUS

The college has 60 different species of plants in the campus. The students and the faculty of the department worked for 20 days to prepare the database which includes scientific name, Common Name, Systematic position and economic importance. Data prepared in Google documents, which were placed in Google drive of the department. Each Google document has a url or link. We have generated a QR code to each Google document using URL/link. Any app generating the QR code, which is available for free on the online, can be used to avail the information of trees. We started this an experiment but the response is overwhelming. We see a lot of students, teachers and even visitors extracting the information about the trees and plants via the QR codes.

2. ESTABLISHED A MEDICINAL GARDEN

In our college a limited space is available for plantation. We have established a medicinal garden with seventeen species with cooperation of students. This medicinal garden is very much useful to the students to learn about the medicinal properties of plants and their morphology.

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3. BEST PERFORMANCE IN UNIVERSITY EXAMINATIONS

A total 1586 students appeared in university examinations in all semesters in which 1305 students were Passed 1305. Over all pass percentage in botany subject was 82.28%. Paper wise result analysis is mentioned in the table.

S.No	Paper	Title of the paper	Appeared	Pass	Pass%
1	I	Microbial Diversity & Lower plants	261	200	76.62
2	II	Gymnosperms, Taxonomy & Ecology	252	181	71.82
3	III	Anatomy & Embryology	227	155	68.28
4	IV	Cell biology, Genetics & Plant Ecology	229	172	75.10
5	V	Cell Biology & Genetics	157	148	94.26
6	VI	Ecology & Biodiversity	158	151	95.56
7	VII	Plant Physiology	151	147	97.35
8	VIII	Plant Tissue culture & Biotechnology.	151	151	100
Total			1586	1305	82.28

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