

GOVT. DEGREE FOR WOMEN NALGONDA

DEPARTMENT OF BOTANY

INNOVATIVE & BEST PRACTICES

2021-22

1. QR CODES TO PLANTS:

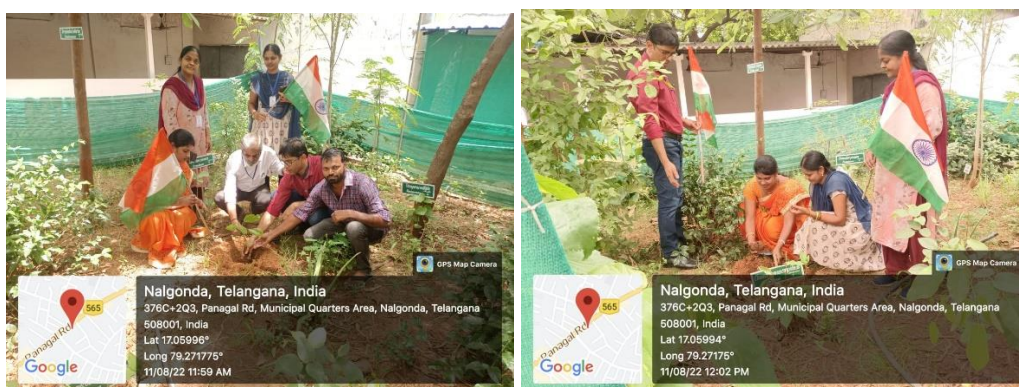
While the world seems to be going digital, people lack the time to read books and process the information they contain. So, we (department of botany) have decided to exploit the rapidly growing platform for unique purpose. Students in the college campus were seen using their smartphones, not to play games, take selfies, but to scan QR codes hung on the trees for its information. These QR codes give students all the information they need to know about the tree or plant from its scientific name to its importance or value. They only need to put their smart phones to use





2. MAINTAINANCE OF MEDICINAL PLANTS IN THE COLLEGE CAMPUS

Department of botany maintain the medicinal plants in medicinal garden with the support of students. Students involved in the plantation of medicinal saplings, watering and removal weeds in the medicinal garden. Students regularly monitor the development medicinal plants. students also prepare the database of medicinal plants and create QR code to each medicinal plant, making it easier for everybody to learn about each medicinal plant and its medicinal value at the tip of their fingers. Any app generating the QR code, which is available for free on the online, can be used to avail the information of medicinal plants.



3. ICT TOOLS USED IN TEACHING LEARNING & EVALUATION

For effective transformation of curriculum, the faculty members of the department use information and communication technology tools in teaching.

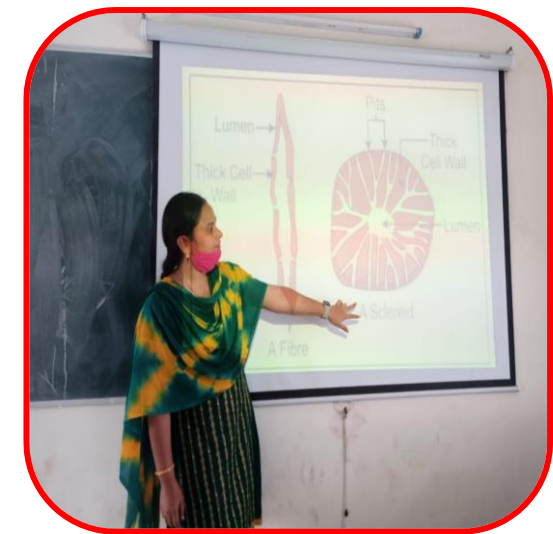
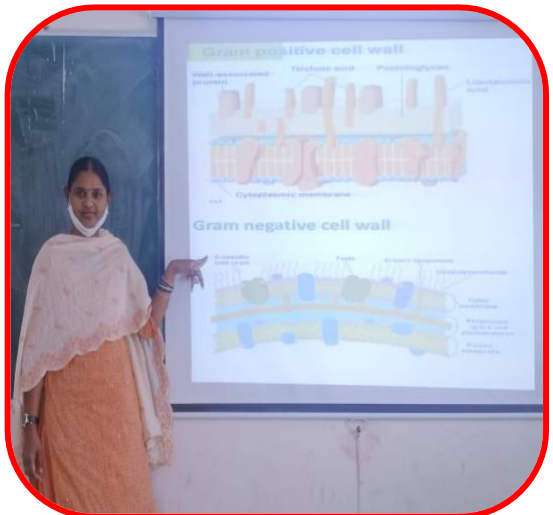
ICT TOOLS used in teaching

- Power point presentations
- Individual YouTube channels
- Google class rooms
- Department Google Site
- Zoom classes
- Google forms
- Virtual labs

POWER POINT PRESENTATIONS BY THE FACULTY

S. No	Name of the Faculty	No of PPT's	Total no. of slides
1	Dr. K. Srinivasa Reddy	32	329
2	Sri. S. Veeraiah	20	426
3	Smt. G. Saritha	8	83
4	Smt.P. Sunitha	20	523
5	Smt. S. Swapna	50	2091

POWER POINT PRESENTATIONS OF FACULTY



YOUTUBE CHANNELS MAINTAINED BY THE FACULTY 2021-22

Sl.No	Name of the faculty	No of Youtube videos	Youtube channel link
1	Dr. K. Srinivasa Reddy	28	https://www.youtube.com/channel/UCbOy1rHMYWV2VLqzUWkrF0g/videos
2	S. Veeraiah	20	https://www.youtube.com/channel/UCZpyGbXzLGXv84wlB_wxhrQ/videos
3	G. Saritha	65	https://www.youtube.com/channel/UCxQQqack7_62uYPeEnDmtiA
4	P. Sunitha	25	https://www.youtube.com/channel/UCKH HhK6MA8lyUbNBohSTwzw/featured
5	S. Swapna	20	https://www.youtube.com/channel/UC3WyPoJWfD4M67BQmm593Rg/video

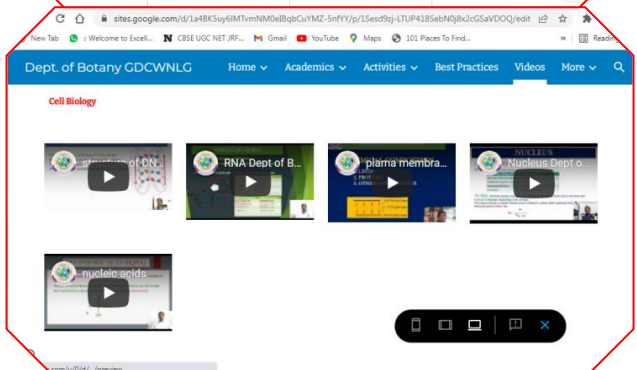
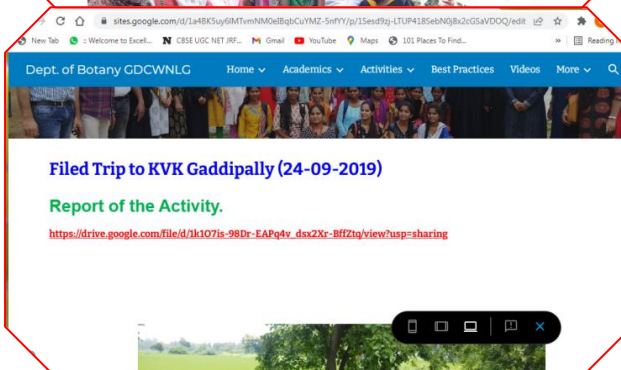
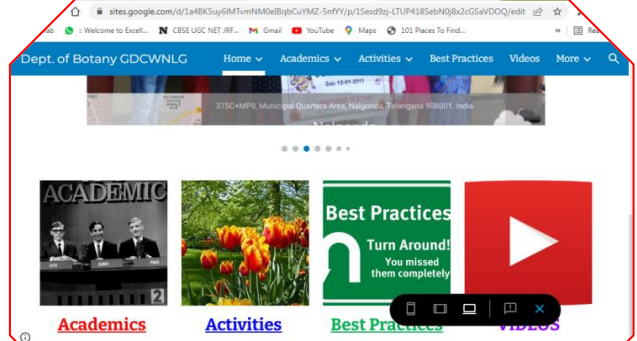
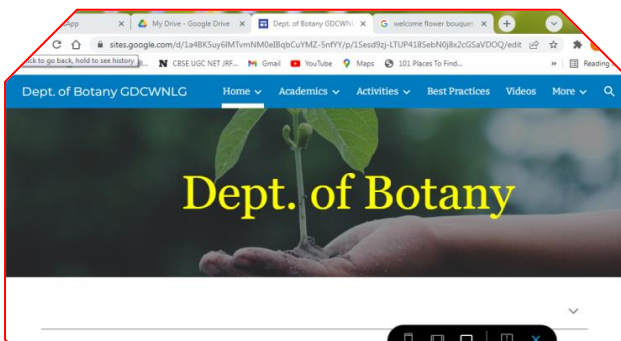
GOOGLE CLASSROOMS MAINTAINED BY THE FACULTY

S. No	Name of the Faculty	No of Google classrooms maintained
1	Dr. K. Srinivasa Reddy	6
2	Sri. S. Veeraiah	7
3	Smt. G. Saritha	6
4	Smt.P. Sunitha	3
5	Smt. S. Swapna	2
Total		24

SCREENSHOTS OF GOOGLE CLASSROOMS



DEPARTMENT GOOGLE SITE



<https://sites.google.com/view/deptofbotanygdcwnlg/home>

ZOOM CLASSES

Zoom platform is a platform which enables us to take online classes for the students. Faculty members in the department are extensively using this to reach out their students online. For the academic year 2021-22 to take extra classes and to cover the syllabus intime.

GOOGLE FORMS:

The faculty members of the department are regularly uses google forms to conduct quizzes, online survey purpose and collect the personal information.

VIRTUAL LABS:

Virtual labs are used to demonstrate the experiments of botany where ever necessary.

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