



TGTWR DEGREE COLLEGE (GIRLS), DAMMAPETA,  
BHADRADRI KOTHAGUDEM DIST.

Mail ID: [twrdcgirls.dammapet@gmail.com](mailto:twrdcgirls.dammapet@gmail.com) Mobile No: 7901097701



## DEPARTMENT OF BOTANY

### ICT/PPT CLASSES

## Department of Botany

### Information And Communication Technology Tools In Learning: Botany

Information Communication technology tools contribute to high quality learn.

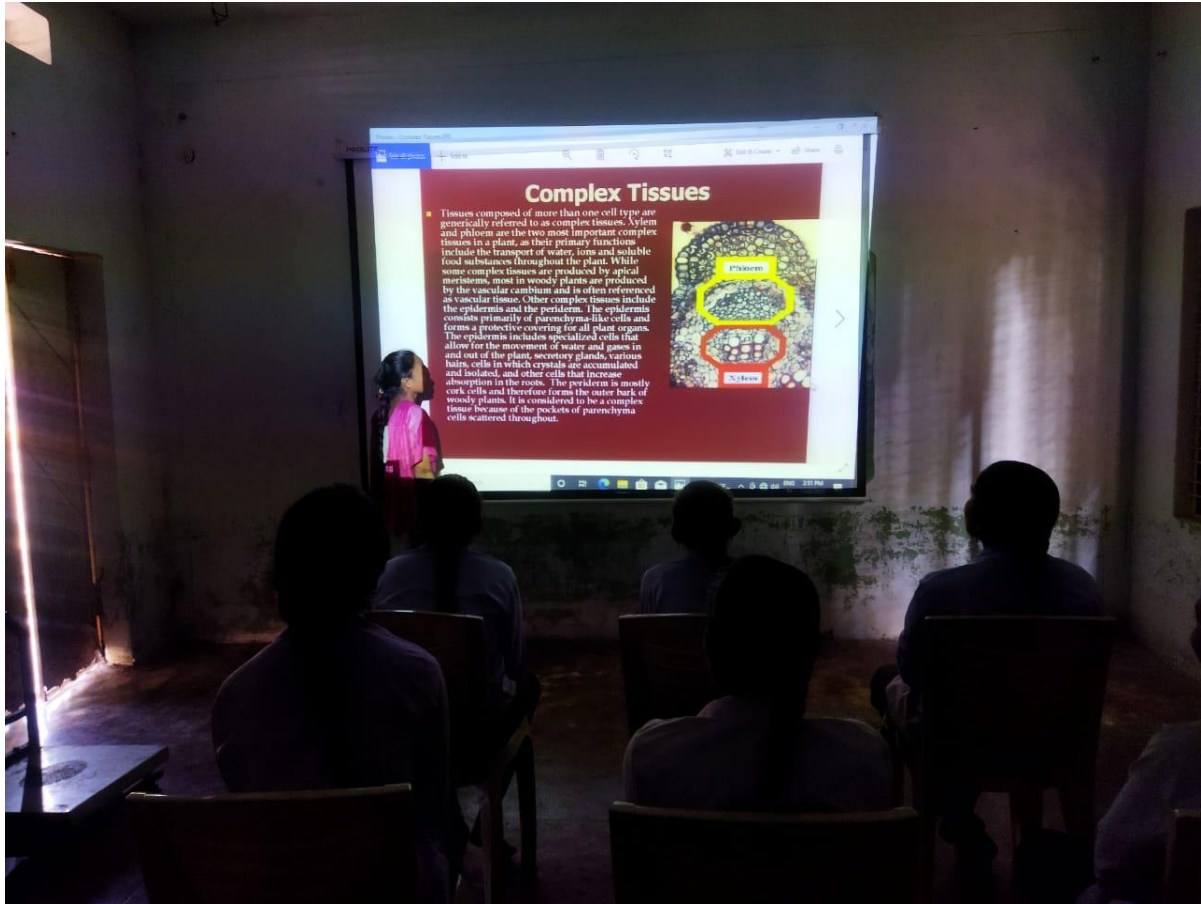
Since they have potential to increase students motivation connect students to many information sources support active in class and out class learning environment .In all countries ,teachers have had to develop new skills while ,in many countries, the students are often far more advanced than their teachers in the skills of using smart boards, smart phones, I pads and laptops .The main advantages to take ICT classes for students to improve learning skills .

The activities carried out through Digital and interactive tools increase students concentration and therefore they assimilate concept more quickly enhancing learning. This type of tools involves students in more practical learning with the aim of reinforcing what they have learnt

The Department of Botany also used PPT/ICT for effective teaching in the class room and gain knowledge to the students

## Academic year 2019-20

S.NO	DATE	CLASS	ICTTOOL	TOPICS COVERED	NO.OF STUDENTS ATTENDED
1	4-7-2019	IIIB.SC[BZC]	Power point presentation	Genetic Drift	22
2	5-7-2019	IIB.SC[BZC]	Power point presentation	Complex tissues	22
3	10-7-2019	IB.SC[BZC]	Power point presentation	Bacterial diseases	22
4	18-7-2019	IIIB.SC[BZC]	Power point presentation	In-situ & Ex-situ conservation	22
5	2-8-2019	IB.SC[BZC]	Power point presentation	Plant diseases caused by Virus	22
6	20-8-2019	IIB.SC[BZC]	Power point presentation	Stomatal types	22
7	5-11-2019	IIB.SC[BZC]	Power point presentation	Xerophytes and Importance	22



Faculty Signature

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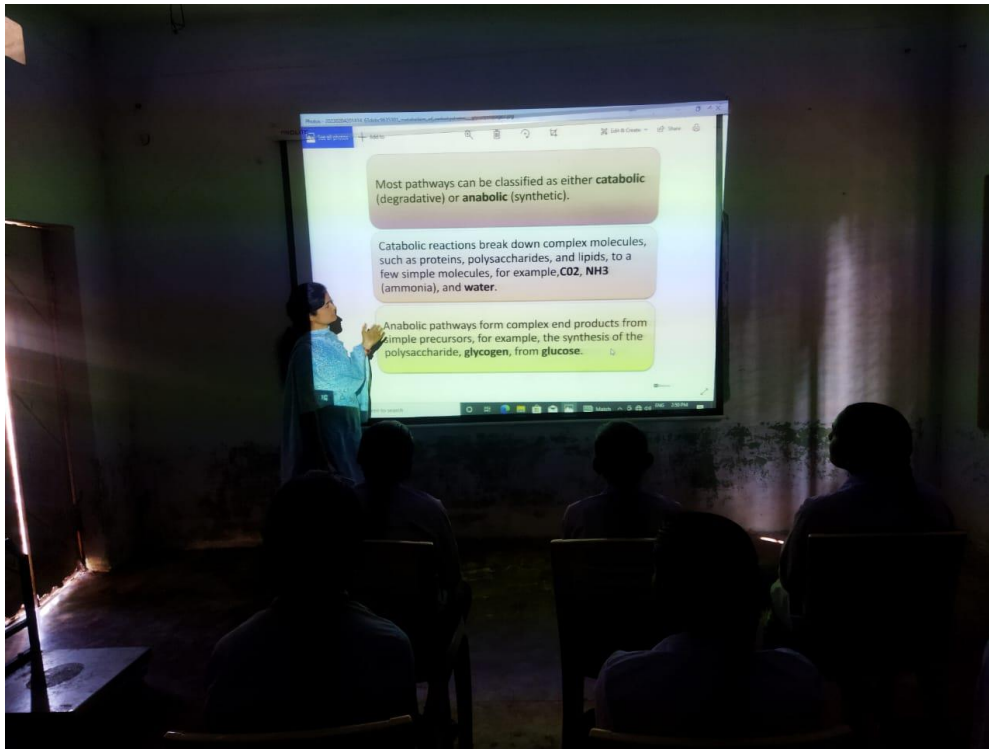
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## Academic year 2021-22

S.NO	DATE	CLASS	ICT TOOL	TOPICS COVERED	NO. OF STUDENTS ATTENDED
1	11-8-2021	IIB.SC[BZC]	Power point presentation	Achyranthes	19
2	14-8-2020	IB.SC[BZC]	Power point presentation	Cercospora	19
3	20-8-2020	IIIB.SC[BZC]	Power point presentation	IUCN rules	19
4	10-9-2020	IB.SC[BZC]	Power point presentation	Pinus male & female cone	19
5	21-9-2020	IIB.SC[BZC]	Power point presentation	Micro-sporogenesis	19
6	19-10-2020	IIIB.SC[BZC]	Power point presentation	Micro-Propagation	19
7	16-11-2020	IIB.SC[BZC]	Online class for students	Pollen pistil interaction	19



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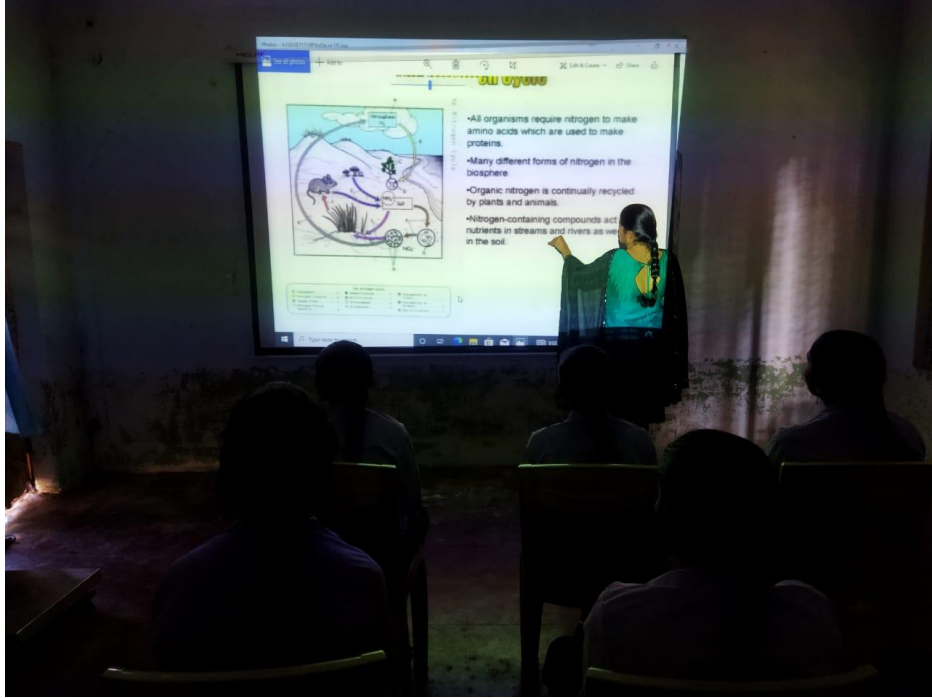
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## Academic year 2022-23

S.NO	DATE	CLASS	ICT TOOL	TOPICS COVERED	NO. OF STUDENTS ATTENDED
1	8-8-2022	IIIB.SC[BZC]	Power point presentation	r-DNA technology	20
2	12-8-2022	IIB.SC[BZC]	Power point presentation	Glycol sis	
3	16-8-2022	IB.SC[BZC]	Power point presentation	Fabaceae family	23
4	5-9-2022	IIB.SC[BZC]	Power point presentation	Nitrogen metabolism	22
5	9-9-2022	IIIB.SC[BZC]	Power point presentation	Polymerase chain reaction	20
6	10-10-2022	IIB.SC[BZC]	Power point presentation	Mitosis	22
7	14-10-2022	IB.SC[BZC]	Power point presentation	Orchidaceous family	23
8	12-10-2023	III B.SC (BZC)	Digital board	Fruits and nuts classification	20
9	4-11-2023	IB.SC (BZC)	Digital board	Puccini life cycle	23
10	16-11-2023	IIB.SC (BZC)	Digital board	Secondary Growth	22



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## Academic year 2023-24

S.NO	DATE	CLASS	ICT TOOL	TOPICS COVERED	NO. OF STUDENTS ATTENDED
1	8-8-2023	IIIB.SC[BZC]	Power point presentation	r-DNA technology	15
2	12-8-2023	IIB.SC[BZC]	Power point presentation	Glycol sis	11
3	16-8-2023	IB.SC[BZC]	Power point presentation	Fabaceae family	12
4	5-9-2023	IIB.SC[BZC]	Power point presentation	Nitrogen metabolism	12
5	9-9-2023	IIIB.SC[BZC]	Power point presentation	Polymerase chain reaction	15
6	10-10-2023	IIB.SC[BZC]	Power point presentation	Mitosis	11
7	14-10-2023	IB.SC[BZC]	Power point presentation	Orchidaceae family	12
8	12-10-2024	III B.SC (BZC)	Digital board	Fruits and nuts classification	11
9	4-11-2024	IB.SC (BZC)	Digital board	Puccinia lifecycle	15
10	16-11-2024	IIB.SC (BZC)	Digital board	Secondary Growth	12





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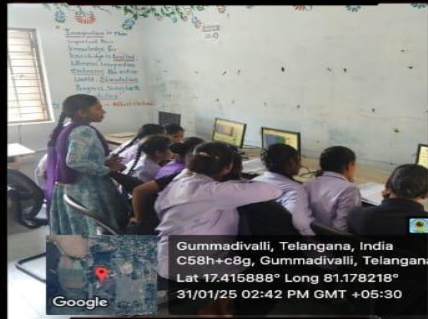
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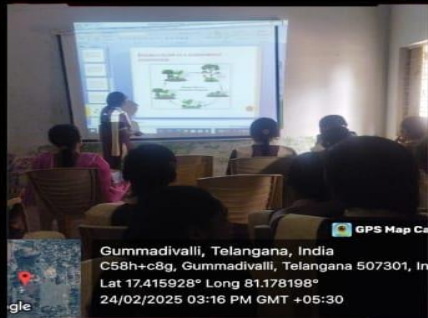
## Academicyear2024-25

### Semester -2, 4, 6

S.NO	DATE	CLASS	ICTTOOL	TOPICSCOVERED	NO.OF STUDENTS ATTENDED
1	31-01-2025	IB.SC[BZC]	YouTube class	Plant taxonomy	10
2	01-02-2025	IIB.SC[BZC]	YouTube class	Genetics	10
3	03-02-2025	IIB.SC[BZC]	Power point presentation	chromosomes	10
4	03-02-2025	IIIB.SC[BZC]	Power point presentation	Tissue culture	9
5	22-02-2025	IIIB.SC[BZC]	Power point presentation	Biotechnology	9
6	22-02-2025	IIB.SC[BZC]	YouTube class	Types of enzymes	10
7	24-02-2025	I,II,III B.SC[BZC]	PPT Competition	Ecology ,genetics, types of tissue	30
8	15-03-2025	II B.SC (BZC)	YouTube class	Water reaction	9
9	28-03-2025	IIB.SC (BZC)	YouTube class	Phyto hormone	9
10	28-03-2025	IB.SC (BZC)	YouTube class	Fabace family	10
11	28-03-2025	IIIB.SC (BZC)	YouTube class	PCR	8



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