



TELANGANA TRIBAL WELFARE RESIDENTIAL  
DEGREE COLLEGE (GIRLS), KOTHAGUDEM  
Bhadradi Kothagudem District, Telangana State – 507101  
(Affiliated to Kakatiya University, Warangal, Telangana)  
Website: <https://ttwrdds.ac.in/.Kothagudem>



## Department of Botany

**Extension lecture :** Academic year 2019-2020

**Title Of The Programme :** Extension lecture on Magic in plants

**Date and Event** : 13/02/20

**Resource Person/Chief Guest:** Dr.Ramachander Rao

**Objective Of The Programme:** Department of botany conducted a extension lecture on awareness programme on health; diet and diseases combating effect by Dr.Rama chader rao sir garu has given an extraordinary knowledge about our health and our disease tithing capacity influencing the diet. We both the students and lecture have know that “Magic in plants ”how they involve in healing excellent etc.

**Brief Description:** At the end of this section doctors as given an idea about disease and disorders like thyroid hormonal in balance cancer etc.....by the our kind of our food and on exophora habitat and event etc....we all experienced glad with sir words

**Discussed:** About our health our disease fighting capacity influencing the Diet

Known that magic in plants. How they involve in heating illness

- Doctor sir have given an idea about disease and disorder

1. Thyroid 2.Harmonal imbalance 3.Cancer etc.....

## Extension lecture: Academic year 2020-2021

**Title Of The Programme:** - Plant Physiology (Macro & Micro Nutrients)

**Date and Event:** - 07/04/2021

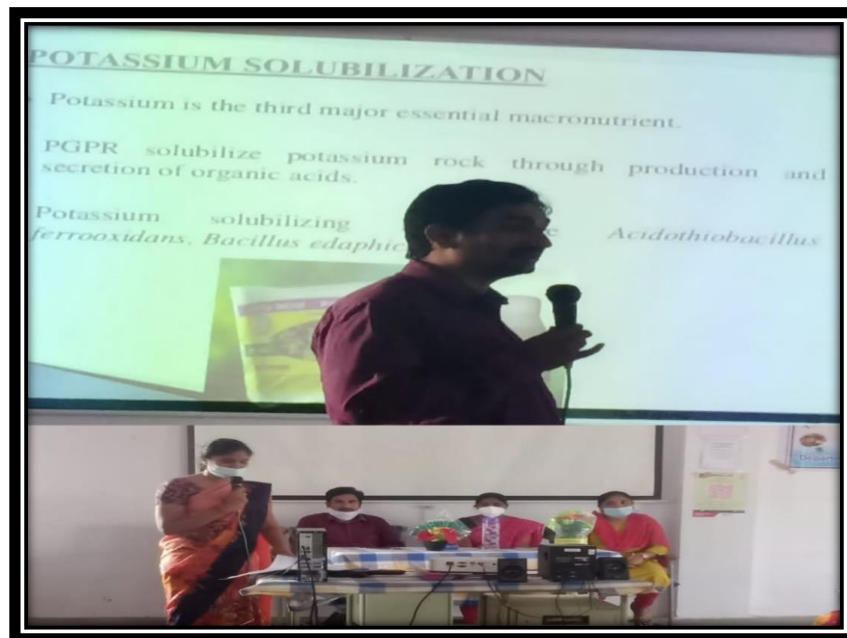
**Resource Person/Chief Guest :-** M. Poorna chander Asst. Prof  
Botany In GDC Paloncha

### Objective Of The Programme:

We the Department of the Botany Smt.B.Kalpana organized one day extension lecturer on 13/02/20 10:00 to 05:00. The speaker of the session was M.Poornachander (Asst prof. in Botany) from Govt degree college , palvancha. Sir has share his knowledge with the students about the topic is Macro and micro nutrients.

### Brief Description:

Plants are able to produce their own food through a process called photosynthesis. They absorb nutrients through their roots from the soil and is transported to the stem ,to the different parts that are Above ground level. They require two types of nutrients- Macro and Micro nutrients. Sir has given very good information about the Nutrition. This session very useful to students.



## Extension lecture : Academic year 2021-2022

**Title Of The Programme** : Embryology

**Date And Event** :11/01/2022

**Resource Person/Chief Guest** :Shyam Prasad (Asst.Prof.In Botany)

**Objective Of The Programme** : We the department of botany smt. B.Kalpana have organized one day extension lecture on 11<sup>th</sup> January (2022) 9:00am to 06:00 pm .the speaker of the session was” Shyam prasad” (Asst.Prof.in Botany) from Bhadrachalam government degree college. Sir has given clear information about embryology regarding the embryo structure and types.

**Brief Description** : The embryology is the study of formation and development of an embryo and fetus and also sir said about the parts of the embryo and types of embryo, their structure and function. The young plant contain in the seed ,begins as a developing cell formed after fertilization and becomes a plant embryo. The lecture is very interesting it provides ,facilitates for effective learning to students.

**DISCUSSED:** 1.Study of formation and development of an embryo , Types of embryo

2.Structure and function of embryo

3.Developing egg cell



**Extension lecture** : Academic year 2022-2023

**Title Of The Programme:-** Pinus Life Cycle

**Date and Event:-**16/08/23

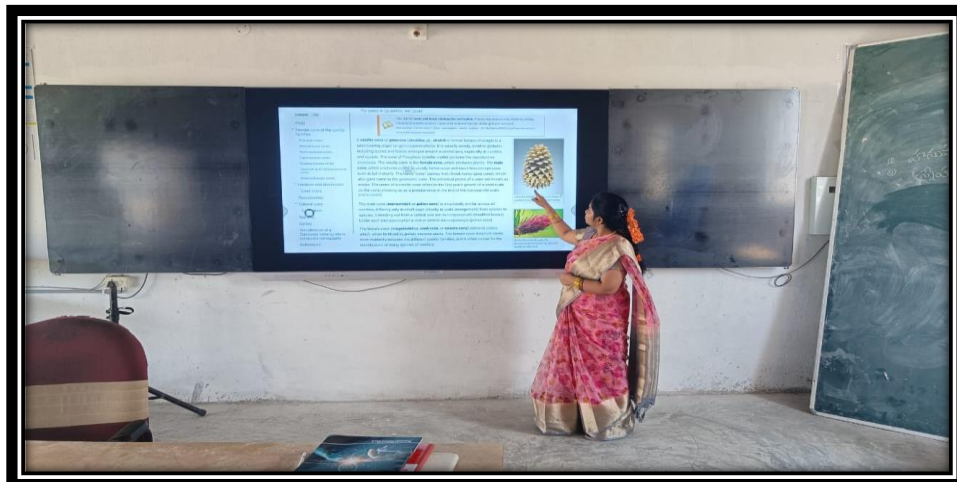
**Resource Person/Chief Guest:-**C.Aparna (M.Sc ,B.Ed,Set.)

**Objective Of The Programme::-**

We the department of the botany Kumari B.Kaveri and K.Swetha organized one day extension lecturer on 16/08/23 10:00am to 05:00pm. The speaker of the session was C.Aparna (DL in Botany) from Manuguru degree college .Madam has share her knowledge with the students about the topic is Pinus complete life cycle..

**Brief Description::-**

Pinus are green trees with resinous wood most of their characterizes depend on the cones ,needles & barks pinus needle –The term”needle” refers to mature pine leaves fascicules or groups of leaves are formed from the foliage madam as given very good information about pinus life cycle .This session very useful to students.





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Accredited with NAAC "B<sup>+</sup>" Grade



**Extension lecture** : Academic year 2024-25

**Title of the programme** : Extension lecture on Biotechnology and Applications

**Date and event** : 10\02\2025

**Resource person\ Chief guest** : A.Ramesh Asst.pro in Botany GDC paloncha

**Objective of the programme** :

We the department of Botany Smt.Ch.Sumalatha and kum.B.kaveri organized extension lecture on 10\02\2025 11:00 to 01:00. The speaker of the session was A.Ramesh DL in Botany from GDC Paloncha . Sir has share his knowledge with students regarding biotechnology and how to develops biotechnologies on human health , agriculture and environment

**Brief description** :

Biotechnology is the use of biological systems, living organisms, or derivatives there of to develop new products, technologies and medical treatments. It combines biology , technology and innovation to improve human health , agriculture and environment. Biotechnology have many applications like medicinal, Agricultural, Industrial, Environmental, Food and beverages.



*Sumit*  
Sign of the lecturer

*P. Anuradha*  
Sign of the Principal,  
TGWR Degree College (Gir.),  
KOTHAGUDEM - 507 115,  
Thadradri Kothagudem Dist.





TELANGANA TRIBALWELFARE RESIDENTIAL DEGREE COLLEGE-Girls  
Kothagudem at Paloncha-BhadradriKothagudem –Dist,T.S



NAAC - B<sup>+</sup> Grade

Email:ttwrdegirls.kothagudem@gmail.com

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ATTENDANCE CERTIFICATE

This is to certify that Sri.A.Ramesh, Asst. Professor in Botany at Govt.Degree college Paloncha , Bhadradri kothagudem dist ,has attended to our institution and given Extension lecture on Bio technology and applications for all life science students.

We are very thankful to you for attending the above session.

Place: Paloncha.

Date: 10.02.2025.

*Sic Singh*  
Principal  
Principal  
TGTWR Degree College (Girls),  
Kothagudem-507 115  
Bhadradri Kothagudem Dist.

*Received copy*

*[Signature]*  
*10/02/2025*

