



**TELANGANA TRIBAL WELFARE
RESIDENTIAL DEGREE COLLEGE (GIRLS),
KOTHAGUDEM**

Bhadradri Kothagudem District, Telangana State – 507101

(Affiliated to Kakatiya University, Warangal, Telangana)

Website: <https://ttwrdds.ac.in/.Kothagudem>



Departmental Activities of Botany

World Wet-land Day

Title of programme : World wetland Day

Date : 21/02/2023

Types of activity conducted:- Drawing competition

Report:- Department of Botany has organized Drawing competition as apart of the World wetland day

Theme:- “Wetland Restoration”.

All the life science students are actively participated in this programme.

- They aware the importance of wet lands in India
- The life science student are showing interest for Drawing completion.



National Science Day

Date :-28/02/23

Topic:- National Science Day

Type of activity conducted :- Models

Theme: “ Global science for Global Wellbeing”.

Report:- As a part of National science Day we Department of Botany conducted various activities on that day . Students prepared models for science expo and exhibits in science exhibition .They prepare Afforestation and Deforestation model.The students M.Divya and B.Sirisha explained the uses of Afforestation and discuss of Deforestation.How to protect forests and wild animals from deforestation.The model is seen by principal madam and faculty members of other departments.Students are actively participated in this exhibition P.saraswathi ,T.Priyanka also exhibit working modl of wter purification like dirty water is converted little pure water .They use some materials to purify dirty water.This is very useful for students for further in their future like in garedens and their house. Students are actively participate and gain some knowledge on Afforestation and Deforestation and purification of dirty water.



International Day of Forests

Date :-21/03/23

Topic:- International Day of Forests

Type of activity conducted :- Essay writing competition.

Theme:- Forests and health

Report:- International day of forest will be celebrated on the theme forest and health which calls for giving,not just taking,recognizing that healthy forests will bring healthy people

- We department of botany has celebrated and conduct essay writing competition on the theme.
- From all streams of student can give name to participate this compition .
- Our students had got very valuable information regarding the forests.
- They have to know how to protecut forest from deforestation .
- All living thing have been depend on forest for their goods and services .
- The plants are natural renewable resources which give nutrient cycle to us.
- Students are actively participated in this compition.
- Forest are various types some students give their feedback after the result of writting.
- They know types of forests like evergreen forest,mangrove forest, deep forest.
- Dry deciduous trees, wet deciduous trees and other medicinal important trees.
- The plants are used for medicinal purposes.students know about each plant or weed also play a major role in medicine. Indigenous or tribal people live in deep forest and depend on forest for their needs, foods, and vegetation.they don't know the hospitalization they only extract trees juise for their medicinal use. The indigenous people feel like forest is their home and they does not allow to cut trees.



World Earth Day

Title of the Program : World Earth Day -2023:

Date of the Event : 22.04.2023

Resource person / Chief Guest : Smt.B.Rajeswari,Principal(FAC)

Brief Description:

World Earth Day is observed on April 22, consistently to raise the awareness for Earth's environment. This year also, the organization has given a theme, which would inturn give more effectiveness towards the protection of our planet.

As a part of it, various competitions are conducted and details are given below:

Drawing Competition

Topic : Green Revolution

Elocution Competition

Topic : Invest in our planet and Become environmental champion



Commemoration for Dr.m.s Swaminathan

Date:-28/09/2023

Title of programme: Commemoration for Dr.m.s Swathi Nathan

Report:-

Commemoration was organized at the college oTTWRDC Kothagudem

In honor of the renowned agricultural scientist Dr.m.s swathinathan recognized globally for his transformative working the field of agriculture and is pvotal role in India's green revolution Dr.m.s Swaminathan contributions have had a lasting impact on food security and sustainable forming Dr.Swaminathan is also called plant geneticist Dr.Swaminathan have create most edible importance of plants many experments has do on plants and introduced Hybrids and name that are high yielding plants

We department of Botany have organized commemoration in our college TTWRDC(W)Kothagudem.

Green revolution: The green revolution within India led to an increase in agricultural production especially at

- 1.Haryana
- 2.Punjab
- 3.Uttarpradesh

Major milestones in this undertaking were the development of high yielding varities of seeds of wheat and rust vesistant stains of wheat

Dr.m.s Swaminathan was on Indian Geneticist and was known as father of green revolution in India. He performed a leading role in the increase in crop yield in India during the green revolution and in ensuring substainable growth of poor former in India. Principal and staff and students gathered to pray for

his dear departed soul and to commemorate his contribution and legacy
From this programme students got some information about Dr.m.s
Swathinaathan and his works agricultural field.



World science day

Student quiz

Date :-10/11/23

Topic:- World science day

Type of activity conducted :- Student quiz

Report:-

By the celebrating the world science day we are the department of life science and physical science collaborating organized a student quiz programme with the 108 students first of all we selected the names of the students from 6 groups that is 2ndbzc/mzc/mpcs and 3rdmzc/bzc/mpcs those who are instead to participate in quiz we divided the them in 18 groups each group contain the at least one student from each group.

All are lecturer from 7 subjects of science group that is physics, maths, chemistry, botany, computer science, zoology, and microbiology combine together and preparing a questions paper for screening test contain 20 marks .

After screening test we have selected the top 5 groups for second round for 2nd round we prepared the 7 envelops each envelope so one student from each group selected one envelops by their own and one of our lecturer had asked the questions present in that envelope cover later we selected the 3 groups foe 3rd round.

Round 3 is visual round contains 7 questions 1 question from each subject we have displayed the images on the screen and we gave whistles the first and answered finally we selected top 2 groups for final round that group the final round that is group 4,group 18 4th round is also visual round we have show the 7 images to students in this round we kept the negative marks questions for wrong answer after 7 images question group 18 stood 1st place group 4 and runners ..

Total participants:- 108 students (18) groups..

Group-1

1. A. Sindhu
2. A. Sirisha
3. V.Manasa
4. V.Usha
5. S.Navya
6. A.Mounika

Group -2

1. P.Kavitha
2. D.Latha
3. B.Jyothika
- 4.B.Ishwariya
5. T.Subhadra
6. B.rajeswar

Group -3

1. J. Jayanthi
2. B. Sowjanya
3. S. Chandana
4. P. Navyasree
- 5.P. Poojavathi
6. B. Poojitha

Group-4

1. M.Roja
2. B.Sandhya
3. K.Kalyani
4. K.Seetha
- 5.G.Shailaja
6. E.Sarika

Group -5

1. S. Pavalli
- 2 .B. Savithri
3. B. Swathi
4. G. Mohithavarshini
5. SK. Reshma
6. CH. Navya

Group- 6

1. K.Kalyani
2. K.Devendra
3. M.Roopalatha
4. T.Susmitha
5. B.Sandhya
6. Mahalaxmi

Group- 7

1. M.Geetha
2. K.Nagalaxmi
3. D.indhrani
4. P.Saraswathi
5. K.Divya
6. G.Sindhu

Group-8

1. G.Padma
2. S.Rechana
3. K.Shailaja
4. B.Anjali
5. K.shivamani
6. M.Gangabhavani

Group-9

- 1.S.Geethasree
- 2.K.Pallavi
3. J.Sowundrya
- 4.T.Chinnari
- 5.B.Chitti
- 6.G.Rajitha

Group-`10

1. 1.K.Jhansi
2. 2.S.Sheshikala
3. 3.G.Sravani
4. 4.B.Haritha
5. 5.M.Vasanth
6. 6.K.Malleswari

Group-11

1. K.Ashwani
- 2.M.Sruthi
- 3.S.Sandhyasree
- 4.B.Vigneswari
- 5.M.Nandhini
6. K.Harshitha

Group-12

- 1.P.Krishnapriya
2. T.Mamatha
- 3.D.Krishnaveni
- 4.M.Varalaxmi
- 5.K.Pushpa
- 6.K.Indu

Group-13

1. B.Kalayani
2. R.Harika
3. K.Simanya
4. Y.Lavanya
5. B.Shalaja
6. B.Laxmi

Group-14

- 1.N.Lavanya
- 2.D.Hannibai
- 3.T.Navya
- 4.P.Manasa
- 5.T.Akhila
- 6.K.Pushpa

Group-15

1. B.Anjali
2. M.Shireesha
- 3.T.Abhinaya
- 4.P.Bhavana
- 5.J.Divya
6. M.Anjali

Group-16

1. 1.Y.Navya
2. 2.P.Ravali
3. 3.V.Rajyalaxmi
4. 4.B.Kalyani
5. 5.S.Sharanya
6. 6.T.Divya

Group-17

1. Y.Nandini
- 2.B.Amulya
- 3.U.Bhumika
- 4.J.Saishilpa
- 5.M.Bhumika
- 6.P.Likhitha

Group-16

- 1.S.Chandraja
- 2.A.Gouthami
- 3.V.Bhumika
- 4.V.Jayanthi
- 5.P.Jayanthi
- 6.P.Pavani

WINNERS

- 1.Y.Navya
- 2.P.Ravali
- 3.V.Rajyalaxmi
- 4.B.Kalyani
- 5.S.Sharanya
- 6.T.Divya

Screening test questions :-

1. Area of a square when it's side is 12?
➤ 144
2. Scientist who was boen on pi-day?
➤ Albert einstein
3. What is the average of the 1st 50 natural no?
➤ 25.5

4. Which is the chemical sources of oxygen in photosynthesis?
 - CO_2
5. Sabudhana is made from which part of plant?
 - Root
6. What is the oxidation state of Fe in hemoglobin ?
 - Fe^{+2}
7. What is the chemical formula of bleaching power?
 - CaOCl_2
8. The gas which causes global warming is ?
 - CO_2 , methane
9. Which instrument is used to measure pressure differences in liquid?
 - manometer
10. The founder of geometrical optics is?
 - Ptolemy
11. Who is the father of computer?
 - Charles Babbage
12. Which of the following computer language written in binary codes only?
 - Machine
13. Which of the following is the smallest unit of data in a computer?
 - Bit
14. How many times does a healthy person donate blood per year?
 - 3(or) more
15. The incubation period of Plasmodium vivax is ?
 - 12-18 days
16. Universal recipient blood group is?
 - AB^+
17. Mycotoxins are produced by?
 - Fungi
18. Malaria fever is caused by ?
 - Plasmodium
19. Study of fungi is called as ?
 - Mycology
20. The clove we use in kitchens species is especially does?

➤ Flower bud...



World Wet-land Day

Title of programme : World wetland Day

Date : 21/02/2024

Types of activity conducted:- Drawing competition

Report:-

Department of Botany has organized Drawing competition as apart of the World wetland day

Theme:-Wetland and human wellbeing

All the life science students are actively participated in this programme.

- They aware the importance of wet lands in India
- The life science student are showing interest for Drawing completion.



National Science Day

Title of programme : National Science Day

Date : 28/02/2024

Types of activity conducted:- Science Model Exhibit .

Report:-We Department of Botany has Organised Science exhibition as a part of the national science Day 2024.

Theme: Indigenous Technologies for Vishith Bharat.

In this programme some of the students prepared and exhibit their model in exhibition along with other Departments The following projects are presented

1. medicinal plants exhibits (Explain about their Classification and medicinal use).
2. Seed germination and Seed dormancy.(How seeds germinate and how to produce a new Seedlings).
3. Smart watering technique using PVC pipes .

Students participation :

T.Sushmitha

K.Seetha

Sk. Hussain bee

V.manasa

These are the students explained above mention models and also explaine to other students who are visited to our models.Students are aware about what are the medicinal plants and their uses.



International Day of Forests

Date :-21/03/24

Topic:- International Day of Forests

Type of activity conducted :- Essay writing competition.

Theme:- “Forests And Innovation:new solutions for a better world”.

Report:- International day of forest will be celebrated on the theme forest and health which calls for giving,not just taking,recognizing that healthy forests will bring healthy people

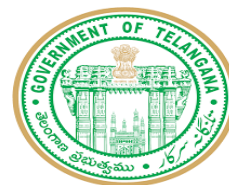
- We Department of Botany has celebrated and conduct essay writing competition based on the theme.
- From all streams of student can give name to participate this compition .
- Our students had got very valuable information regarding the forests.
- They have to know how to protecut forest from deforestation .
- All living thing have been depend on forest for their goods and services .
- The plants are natural renewable resources which give nutrient cycle to us.
- They know types of forests like evergreen forest,mangrove forest, deep forest.
- The plants are used for medicinal purposes.students know about each plant or weed also play a major role in medicine. Indigenous or tribal people live in deep forest and depend on forest for their needs, foods, and vegetation.they don't know the hospitalization they only extract trees juise for their medicinal use. The indigenous people feel like forest is their home and they does not allow to cut trees.





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Department of Botany

Say no to single-use plastic

Title of the programme : “ No to Single-use Plastic “

Date of the Event : 25/07/2024

Resource person/Chief Guest : P. Anuradha , Principal (FAC)

Objective of the programme:

The main objective of this programme is to Reduce plastic waste , protect the environment , conserve natural resources, promote sustainability, Raise awareness, support a circular economy, Improve public health and meet policy and regulatory requirements . By achieving these objectives, we can mitigate the harmful effects of Single- use plastics and create a more sustainable future.

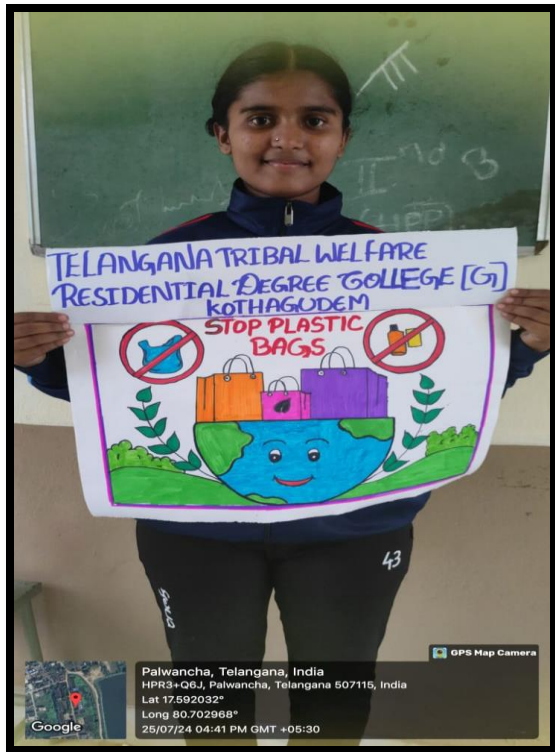
Brief description:

No to single use plastic is a movement aimed at reducing and eliminating the use of disposable plastic products that are used once and then discarded. These plastics often end up in land fills, oceans and other environments, harming wild life and contaminating ecosystems

As per the instructions of Telangana tribal welfare residential educational institutional society send circular to aware from No to single use plastic.

We aware the students on No to single use plastic students make poster and placed on notice board and some poster are stick on walls of students class rooms and their premises and how to control it what are the effects behind this.



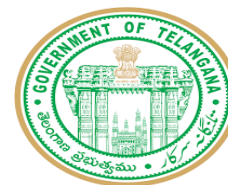






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Department of Botany

World Bio-fuel day

Title of the programme : “ World Bio-fuel day “

Date of the Event : 10/08/2024

Resource person/Chief Guest : P. Anuradha , Principal (FAC)

Objective of the programme:

The main objective of World Bio-fuel day is to raise awareness to reduce green house gas emissions and enhance energy security, improve air quality, create jobs and stimulate economies by achieving these objectives ,world bio-fuel day aims to accelerate the transition to a more sustainable energy future.

Brief description:

World Bio-fuel day is observed on August 10 every year to raise awareness about the importance of bio-fuels as a renewable energy source. Bio-fuels are fuels produced from organic matter (Biomass) such as plants, Algae or agricultural waste, offering a sustainable alternative to fossil fuels. This day aims to promote the use of bio-fuels for energy security and sustainability, Encourage investment in bio-fuel research and development.

By celebrating world bio-fuel day, we can accelerate the transition to a cleaner , greener and more sustainable energy future. we organized a poster making competition on the

Theme :-” Sustainable Bio-fuels: Fueling a Greener Future”.







