

**TELANGANA TRIBAL WELFARE RESIDENTIAL
DEGREE**

COLLEGE GIRLS ASIFABAD -640

ZOOLOGY DEPARTMENT

EXTENSION ACTIVITIES



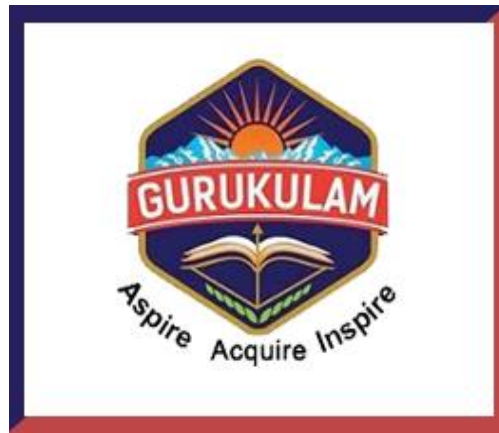
TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE

COLLEGE (GIRLS),BURUGUDA, ASIFABAD

DISTRICT-KUMURAMBHEEM-504293

TELANGANA STATE

(Affiliated to Kakatiya University)



DEPARTMENT OF ZOOLOGY

FIELD TRIP RECORD

**TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE
(GIRLS),BURUGUDA, ASIFABAD DISTRICT-KUMURAMBHEEM-504293
TELANGANA STATE**

DEPARTMENT OF ZOOLOGY

FIELD TRIP SUMMARY 2018-19

- ❖ **Name of the Organizer: Department of ZOOLOGY**
- ❖ **Title of the Programme: Field Trip**
- ❖ **No. of students involved: 20**
- ❖ **Names of the teachers involved: JOHN BARNABOSS**

- ❖ **Date of visit: 18-07-2019**
- ❖ **Place of visit: Agriculture form, karigam,Asifabad**

Telangana Tribal Welfare Residential Degree College (G), Buruguda , Asifabad organized a field trip to Active Farm located Khergam village,Asifabad mandal ofKumuram Bheem on 18 th July 2019. 25 registered students from BZC second year students accompanied by the faculty member John barnaboss

- ❖ **Objectives:**

The Objective of the form is to make the non-farmers engage with nature, agriculture, develop respect for farmers, value for food and love for mother earth.

- ❖ **Learning's/Findings:**

7 Active Farm I is a service to educate hands-on methods in Agriculture, Farm Technology, Food Processing and Rural Exhibits primarily to non-farmers. They can know and learn about 25 plus crops namely cereal, millets, oil crops, pulses, commercial crops, medicinal plants, vegetables, fruits, creepers and others; Food processing units like Small Paddy mill, oil mill, bread making unit, milk chilling unit, Biogas unit and handloom unit and Domestic Animals like Cow, Buffalo, Ducks, Birds, Hens, Goose, Sheep and Goats. The trip gave an insight on how much effort goes into one plate of food, practical knowledge on agriculture and at the same time being more responsible towards protection of the environment. It has indeed provided a platform to learn, experience and live the life of a farmer for a day.



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DEPARTMENT OF ZOOLOGY

FIELD TRIP SUMMARY 2019--20

- ❖ **Name of the Organizer: Department of zoology**
- ❖ **Title of the Programme: Field Trip**
- ❖ **No. of students involved: 45**
- ❖ **Names of the teachers involved: A Archana faculty in zoology**
- ❖ **Date of visit: 10/02/2020**
- ❖ **Place of visit: Asifabad surrounding areas**

Department of zoology organized a Field trip and Visited Asifabad surrounding areas along with Bzc and Mzc III Year students. 45 students visited.

❖ **Objectives/outcomes:**

They will be able to identify and locate the anatomy of the butterfly. they will also be able to identify and sequence in order the stages of metamorphosis in the life cycle of butterflies.

❖ **Learning's/Findings:**

students are observed all the different types of butterflies like

- Butterfly wings are transparent
- butterfly taste with their feet
- butterfly live on an all liquid diet
- butterfly drink from mud puddles
- A butterfly must assemble its own proboscis- quickly
- butterfly can't fly if they are cold
- A newly emerged butterfly can't fly Butterfly have so many parts are there ,students are identified some body parts they are

- antennae it is attached at the top of the head
- compound eyes
- proboscis
- six legs
- four wings
- digestive tract
- spiracles
- reproductive organs



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DEPARTMENT OF ZOOLOGY

FIELD TRIP SUMMARY 2021-22

- ❖ **Name of the Organizer: Department of zoology**
- ❖ **Title of the Programme: Field Trip**
- ❖ **No. of students involved: 50**
- ❖ **Names of the teachers involved: A Archana faculty in zoology**

J Himalaya Devi faculty in zoology

Date of visit:16/11/2021
place of visit: Hyderabad

The Department of zoology organized a Field trip and Visited Hyderabad along with Bzc and Mzc final year students. 45 students visited that place.

Objectives:

Nehru zoological park hyderabad was established with the objective of conserving and breeding of endangered species , specially the wild life of Deccan plateau as well as rehabilitating them.

The main aim of the zoological park is to provide recreation, education about animal behaviour and to conserve endangered species.

❖ **Learning's/Findings:**

The zoo occupies 380 acres and is adjacent to the 600-acre mir-alam tank.

nearly 193 species of birds, animals and reptiles are housed at the zoo, including indigenous animals like the indian rhino, asiatic lion, bengal tiger, panther, gaur, indian elephant, slender loris, python, as well as deer , antelopes and birds.





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DEPARTMENT OF ZOOLOGY

FIELD TRIP SUMMARY 2022-23

- ❖ **Name of the Organizer: Department of zoology**
- ❖ **Title of the Programme: Field Trip**
- ❖ **No. of students involved: 50**
- ❖ **Names of the teachers involved: A Archana faculty in zoology
J Himalaya Devi faculty in zoology**
- ❖ **Date of visit:24/01/2022**
- ❖ **Place of visit: Gangapoor**

The Department of zoology organized a Field trip and Visited Gangapoor along with Bzc and Mzc final year students. 50 students visited that place.

Objectives:

Production of protein rich , nutritive , palatable,and easily digestible human food benefiting the whole society through plentiful food supplies at low or reasonable

Learning's/Findings:

1. Fishing is a source of food for humanity and provides employment and economic benefits to large sections of society .
2. In the world the large section of people depend upon wild fish capture and some people are dependent on the fish culture.
3. Generally this method is used for large scale fishing . In this method various types of fishing gear are used as per the requirement and type of fish .

Ex: hook and line , fish traps, nets , fish poison and electric current.



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE

COLLEGE FOR GIRLS ASIFABAD

STUDENTS WEBINAR

2020-2021

DEPARTMENT: ZOOLOGY



ONLINE WEBINAR

Activity :- Webinar

Date 20/01/2021

Topic :- Webinar Report on “Nerve physiology” Speaker :- Dr. Mamidala Estari

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN ASIFABAD
DIST:KUMRAMBHEEM ASIFABAD-T.S
Affiliated to Kakatiya University

Department of Zoology
Cordially Invites You to a

WEBINAR ON “NERVE PHYSIOLOGY”

Join us with Google Meet

KEYNOTE SPEAKER

Dr. Mamidala Estari
Chair Person, Board of Studies
Assistant Professor

Programme Coordinator
Kumari A. Archana
Kumari J. Himalayadevi

WEBINAR CONVENER

Smt. T. DhanaLaxmi M.COM
Principal(FAC)
TTWRDC(W)-ASIFABAD

JAN 20 11:00 AM

Interactive Session:

The webinar featured an interactive Q&A session, where participants engaged with Dr. Estari to clarify doubts and deepen their understanding of Nerve physiology. The session fostered a dynamic exchange of ideas and insights.

Conclusion:

Dr. Mamidala Estari's webinar on Nerve physiology provided degree students with a comprehensive overview of this fundamental biological process. By elucidating key concepts and addressing relevant applications, the webinar contributed to the participants' knowledge and appreciation of Nerve physiology role in maintaining life's delicate balance.

Overall, the webinar was a resounding success, leaving participants enriched and inspired to explore the intricacies of Nerve physiology further

WORLD AIDS DAY

Activity :- World AIDS Day

Date :- 1/12/2019

Introduction:

TTWRDC womens degree college Department of Zoology in collaboration with Microbiology and Botany commemorated World AIDS Day on December 1st, with a series of events aimed at raising awareness and promoting understanding of HIV/AIDS among students and faculty members.

Activities Undertaken by Students:

Awareness Campaigns:- Students organized awareness campaigns throughout the campus, distributing informational pamphlets, posters, and brochures to educate their peers about HIV/AIDS transmission, prevention, and stigma reduction

Interactive Sessions: - Several interactive sessions were conducted, where students engaged in discussions, quizzes, and role-plays to deepen their understanding of HIV/AIDS-related issues and challenges.

Volunteer Initiatives: Many students volunteered at local HIV/AIDS organizations, offering support services, counseling, and HIV testing assistance to those in need, demonstrating their commitment to making a positive difference in the fight against HIV/AIDS.

Outcomes: Increased Awareness: The AIDS Day celebrations successfully raised awareness about HIV/AIDS among students, fostering a more informed and compassionate campus community.**Conclusion:**

The AIDS Day celebration in the degree college was a meaningful and impactful event, empowering students to take proactive steps towards combating HIV/AIDS and promoting a culture of empathy, understanding, and solidarity within the campus community.



WORLD ENVIRONMENTAL DAY

Title: World

Environment Day

Date: 05/06/2022

Introduction:

World Environment Day, celebrated by department of zoology in collaboration with department of Botany on June 5th, is a global initiative aimed at raising awareness and promoting action for the protection of our environment. Degree College, a hub of academic excellence, embraced this occasion with enthusiasm, organizing a series of events and activities to engage students and faculty in environmental stewardship.

Event Highlights:

Tree Plantation Drive:-

A symbolic gesture towards greening the campus and mitigating carbon emissions, a tree plantation drive was organized. Students and faculty actively participated in planting saplings of native tree species, thereby contributing to biodiversity preservation and ecological balance.



Awareness Programme:

Engaging and informative workshops were conducted on various environmental topics such as climate change, waste management, and sustainable living. Experts from environmental NGOs and research institutions delivered insightful presentations, stimulating discussions on pressing environmental issues and potential solutions.

Clean-Up Campaign:

Recognizing the importance of waste management and cleanliness, a campus clean-up campaign was initiated. Students volunteered to clean common areas, segregate waste, and promote recycling practices, instilling a sense of responsibility towards maintaining a clean and healthy environment.



Poster and Slogan Competition:-

To encourage creativity and artistic expression on environmental themes, a poster and slogan competition was organized. Students showcased their talent through visually appealing posters and catchy slogans, conveying messages of environmental conservation and activism.

Pledge for Sustainability:-

The event culminated with a collective pledge by students and faculty to adopt sustainable practices in their daily lives and promote environmental conservation both within the college campus and beyond. Participants vowed to reduce their carbon footprint, conserve resources, and advocate for policy changes to protect the environment.

Conclusion:

The World Environment Day celebrations at Degree College served as a catalyst for instilling environmental consciousness and promoting sustainable behavior among students and faculty. Through a combination of educational activities, community engagement, and collective action, the event underscored the importance of individual and collective efforts in safeguarding our planet for future generations. It is hoped that the spirit of environmental stewardship ignited during this celebration will continue to inspire positive change and foster a culture of sustainability within the college and the broader community.



WORLD MOSQUITO DAY

Activity:- World Mosquito day

Title: World Mosquito Day Awareness Programme

Date:- 20/08/2022

A typical World Mosquito Day awareness program involves a range of activities aimed at educating communities about the dangers of mosquito-borne diseases and promoting prevention measures. Mosquito day was celebrated by dept of zoology in collaboration with microbiology.

Objectives:

- ❖ Outline the specific goals of the program, such as raising awareness, distributing mosquito nets, or conducting educational sessions.

Activities Conducted:

Provide a detailed description of the activities organized during the program, including:

- ❖ Educational seminars on mosquito-borne diseases and prevention methods.
- ❖ Community clean-up drives to eliminate mosquito breeding sites.
- ❖ Health screenings for mosquito-borne diseases.
- ❖ Interactive workshops or demonstrations on mosquito control measures.

Participation and Engagement:

- ❖ Describe the level of participation from the community members, local authorities, and other stakeholders.
- ❖ Highlight any notable engagement or feedback received during the program.



Impact and Outcomes:

- ❖ Discuss the impact of the awareness program on the community, such as increased knowledge about mosquito-borne diseases and prevention methods.
- ❖ Share any quantitative data, such as the number of mosquito nets distributed or participants in educational sessions.
- ❖ Reflect on the overall success of the program in achieving its objectives.

Conclusion:

- ❖ Summarize the key findings and outcomes of the World Mosquito Day awareness program. Emphasize the importance of continued efforts to combat mosquito-borne diseases and protect public health.

WORLD OZONE DAY CELEBRATION

Activity - Ozone day

Title: “Ozone Day Awareness Programme ”.

Date: September 16, 2022

Introduction:

Department of Zoology in collaboration with Microbiology and Botany celebrated World Ozone Day to raise awareness in people and educate people to protect Ozone layer.

On September 16, 2022, degree students organized a rally in honor of Ozone Day, aiming to raise awareness about the importance of preserving the ozone layer and combating ozone depletion. The rally aimed to educate the public about the detrimental effects of ozone depletion and promote sustainable practices to protect the ozone layer.

Objectives:

- ❖ Raise awareness about the significance of the ozone layer in protecting life on Earth.
- ❖ Educate the public about the causes and consequences of ozone depletion.
- ❖ Promote sustainable actions to mitigate ozone depletion, such as reducing emissions of ozone-depleting substances.
- ❖ Mobilize support for environmental protection initiatives within the community.

Activities:

- Rally :Degree students organized a march through the community, carrying banners, placards, and posters with messages advocating for ozone protection and environmental conservation.
- Street Performances: Students performed street plays, skits, and musical performances highlighting the importance of preserving the ozone layer and addressing climate change.
- Pledges: Attendees were encouraged to take pledges committing to adopt eco-friendly practices and support initiatives aimed at preserving the ozone layer.
- Interactive Sessions: Students engaged in interactive sessions with the public, answering questions, and discussing ways individuals can contribute to ozone layer protection.



Outcomes:

Increased Awareness: The rally succeeded in raising awareness about ozone depletion and its implications for the environment and human health.

Community Engagement: The interactive nature of the rally facilitated meaningful discussions and engaged the community in environmental conservation efforts.

Conclusion:

The Ozone Day Awareness Programme Rally organized by degree students was a resounding success, achieving its objectives of raising awareness, fostering community engagement, and promoting sustainable actions to protect the ozone layer. Such initiatives play a crucial role in mobilizing collective efforts to address environmental challenges and build a sustainable future.

Participation and Engagement:

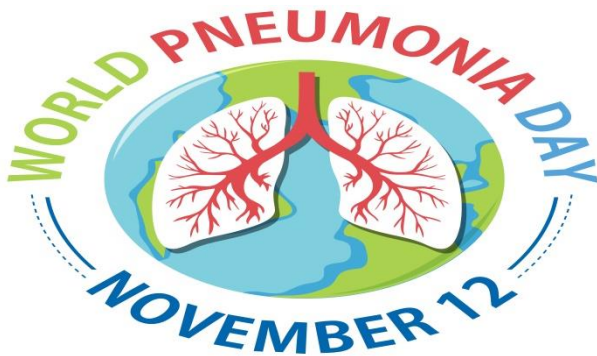
- ❖ Describe the level of participation from the community members, local authorities, and other stakeholders.
- ❖ Highlight any notable engagement or feedback received during the program.

PNEUMONIA DAY

Activity – Pneumonia day

Title: “Pneumonia Day Awareness Programme ”

Date: November 12 , 2022



Introduction :

World Pneumonia Day is an annual event on November 12th that raises awareness about pneumonia, a potentially life-threatening lung infection. The day also aims to encourage action to prevent, treat, and protect against pneumonia.

OBJECTIVES :

The objectives of pneumonia treatment are to cure the infection and prevent complications. This can be achieved by:

- **Identifying the type of pneumonia:** The type of pneumonia determines the initial treatment.
- **Providing respiratory support:** This can include oxygen therapy and airway clearance techniques.
- **Administering antibiotics:** If the pneumonia is bacterial, antibiotics will be prescribed.
- **Assessing the severity of the disease:** This can help determine the need for hospitalization and isolation.
- **Following the treatment plan:** It's important to take all medications as prescribed by a doctor until fully recovered.
- **Improving communication and coordination:** This can help enhance the outcomes for patients.

ACTIVITY:

Activities that can help with pneumonia include:

- **Resting:** Get plenty of rest and sleep. You might need to stay in bed for a while.
- **Drinking fluids:** Drink lots of water, juice, or weak tea to help loosen mucus in your lungs.
- **Taking medication:** Take all of the prescribed medication, including antibiotics, as directed by your doctor.
- **Breathing exercises:** Take a few deep breaths every hour to help open your lungs.
- **Chest tapping:** Gently tap your chest a few times a day while lying down to help bring up mucus.
- **Light physical activity:** Try a short walk each day to help speed up your recovery.
- **Using a humidifier:** Fill a humidifier with warm water and breathe in the warm mist.
- **Using a warm washcloth:** Place a warm, wet washcloth loosely near your nose and mouth.

OUTCOMES:

- Pneumonia outcomes can range from full recovery to death, depending on the severity of the infection and the patient's overall health.
Recovery
- Most people recover from pneumonia, especially those who don't need to be hospitalized
- Most patients with bacterial pneumonia improve within 48 to 72 hours
Complications
- Pneumonia can lead to respiratory failure, sepsis, and lung abscess
- Long-term effects can include depression and worsening heart and blood vessel diseases

Risk factors :

- Age
- Overall health
- Severity of the disease
- Presence of other medical problems
- Weakened immune system
- Type of pneumonia, such as antibiotic-resistant pneumonia
Treatment
- Advances in diagnostic and therapeutic tools have improved the management of pneumonia
- These include novel antimicrobials, new diagnostic microbiology tests, and awareness of the importance of therapy timing
When to seek help
- Call your provider if you develop conditions like depression or worsening heart and blood vessel diseases
- Call your provider if your symptoms suddenly get worse, or if you have trouble breathing or talking



NATIONAL SCIENCE DAY

Activity –National science day

Title: “National science Day Awareness Programme ”

Date: Feb 28 , 2022

INTRODUCTION:

National Science Day is celebrated in India on February 28th each year to commemorate the discovery of the "Raman Effect" by Indian physicist Sir C.V. Raman on the same date in 1928, serving as a platform to promote scientific awareness, innovation, and a culture of research among the public, particularly focusing on inspiring young minds to pursue careers in science and technology.

Key points about National Science Day:

- **Date:** February 28th
- **Commemoration:** Discovery of the Raman Effect by Sir C.V. Raman
- **Objective:** To encourage scientific temper and highlight the importance of science in daily life
- **Celebrations:** Various events like science exhibitions, seminars, workshops, debates, and public lectures are organized across the country

ACTIVITY:

National Science Day is celebrated in India to promote science and technology. Activities for National Science Day include:

- **Science fairs:** Participate in or plan science fairs
- **Science experiments:** Conduct experiments like making lava lamps, balloon rockets, or growing plants
- **Science clubs:** Participate in science club activities like growing mold, making sensory balls, or creating soda bottle ecosystems
- **Science competitions:** Participate in speech competitions, poster making competitions, or online quizzes
- **Science lectures:** Attend lectures or debates
- **Science exhibitions:** Visit science model exhibitions or space science exhibitions
- **Science awareness:** Raise awareness about science in your local community
- **Science projects:** Create science projects using everyday materials
- **Science demonstrations:** Attend science demonstrations or watch space science movies on TV or radio



NATIONAL CANCER AWARENESS DAY

Activity –National Cancer awareness day

Title: “National Cancer Day Awareness Programme ”

Date: November 7 , 2022

INTRODUCTION:

National Cancer Awareness Day is observed on November 7th each year in India. The day aims to increase awareness about cancer, its symptoms, and how to prevent it.

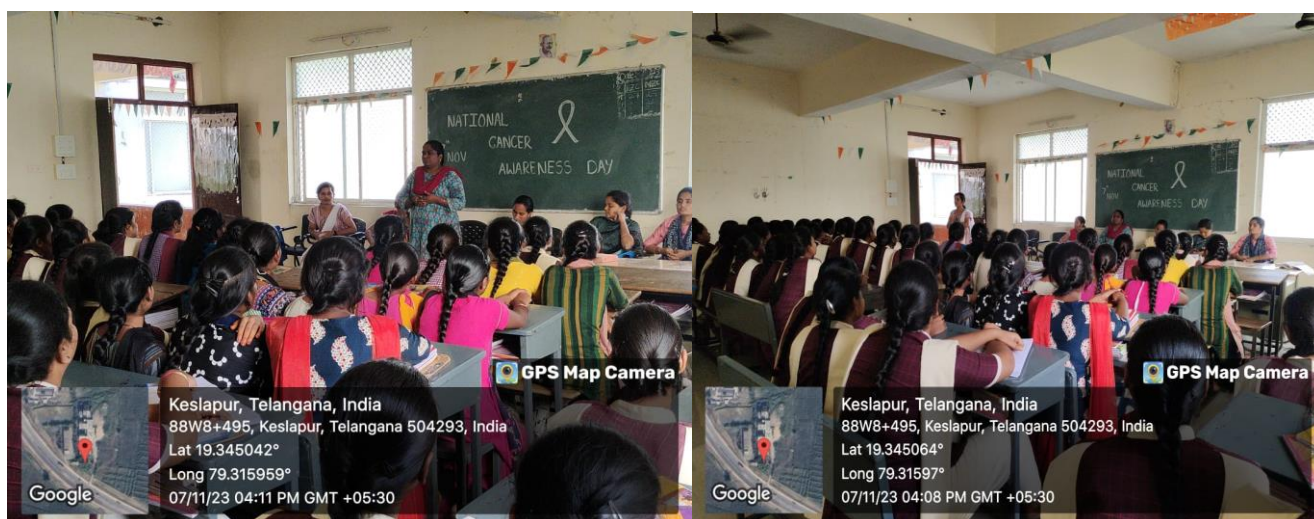
What is the purpose of National Cancer Awareness Day?

- To educate the public about cancer and its risk factors
- To encourage early detection and treatment
- To promote healthy lifestyle choices
- To reduce the impact of cancer on society

ACTIVITY :

some ways to reduce the risk of cancer

- **Eat well:** Eat a balanced diet with lots of fruits, vegetables, whole grains, and lean proteins
- **Exercise:** Try to get at least 150 minutes of moderate exercise each week
- **Quit smoking:** Smoking is a leading cause of lung cancer and other cancers
- **Limit alcohol:** Drinking too much alcohol can increase the risk of liver, mouth, and breast cancers
- **Protect your skin:** Wear sunscreen and protective clothing to prevent skin cancer
- **Get vaccinated:** Vaccines like HPV and hepatitis B can help prevent some cancers
- **Get regular check-ups:** Regular screenings can help catch cancer early



MOBILE SCIENCE EXHIBITION



