



## MONTHLY ACTIVITY REPORT- JANURAY to SEPTEMBER- 2025

### ECO TASK FORCE, DEPARTMENT OF ZOOLOGY

May 2025



Submitted To:  
IQAC (Internal Quality Assurance Cell)

Submitted By:  
Eco Task Force  
Deparment of Zoology



# 1. Title of the activity/event : Social Outreach Program on National Energy Conservation Day 2024

**Date of the event:** 21<sup>st</sup> December 2024

**Organising department/club:** Ecotask Force, Department of Zoology

**Objectives:** Under the theme of a **social outreach program** and to sensitize young children about **energy conservation**, Eco task force, Department of Zoology, St. Xavier's College, Ranchi, visited **Little's Wings School, Booty Mod**, and observed National Energy Conservation Day 2024 on Saturday, December 21.

The program is an ongoing educational process of the college that helps school students to develop their skills and knowledge to uplift their social and environmental awareness

**Outcomes:** The event highlighted the importance of energy conservation. Around 28 students from classes 6 to 10 participated and interacted with 21 students of semester 1 (post-graduation) and semester 3 (undergrads) from the Department of Zoology.

Students of Department of Zoology Encouraged school kids to conserve energy taught them simple, everyday actions that can make a difference. This promoted a sense of responsibility and environmental awareness among school students

**Number of participants (students/faculty):** 28 students from Little's Wings School, Booty Moda and 21 studnets from Department of Zoology

**Any special guests/resource person:** Mrs Neeta Singh, Principal, Little wings School

## Photographs









## 2. Title of the activity/event : Educational Visit to India Meteorological Department, Ranchi on World Meteorological Day

**Date of the event:** 24-03-2025

**Organising department/club:** Eco Task Force, Department of Zoology

**Objectives:** To understand the complex meteorological concepts, advanced technologies used in weather forecasting, and provide hands-on exposure to various instruments, and forecasting models.

**Outcomes:** It was an educational experience. They witnessed the dedication and contribution of IMD in safeguarding our nation through accurate weather predictions and climate research.

It was very insightful and deeply enriching, giving students a comprehensive understanding of meteorology, weather forecasting, and the pivotal role IMD plays in disaster management and agricultural weather forecasting.

**Number of participants (students/faculty):** 59 students accompanied faculty Dr. Pipas Kumar

**Any special guests/resource person:** Dr. Abhishek Anand, Scientist C, IMD, Ranchi

**Photographs**





### 3. Name of the program: CELEBRATION of "EARTH DAY' 2025

**Date of the event: 6th May 2025**

**Organising department/club: Eco Task Force, Department of Zoology & Biotechnology**

**Time: 10:00 am**

**Venue: Fr. De Brouwer Auditorium**

#### **Objectives of the event:**

In a bid to bring attention to environmental conservation and the effects of human activities on climate, biodiversity, and sustainable living, the Eco Task Force, Department of Zoology and Biotechnology, St. Xavier's College, Ranchi, in association of CEED (Centre of Environment and Energy Development), observed and honoured World Earth Day 2025 on Tuesday, May 06.

The purpose of the event was to promote the idea towards sustainability, to inspire individuals, communities, and governments to take proactive steps to address climate change, pollution, deforestation, and other environmental challenges, ultimately aiming to secure the planet for future generations.

#### **Guest of honour:**

The guests of honour for the event were Mr. Sabir Hussain, Art and Culture Specialist, and Mr. Ashwani Ashok (Director- Just Transition), Mr. Tamanna Jha, Miss Lakshmi Purty, Miss Shambhavi Vatsa , Mr. Parmeshwar Oraon- CEED- (Centre of Environment and Energy Development).





### Event highlights:

The event highlighted the importance of eco-friendly practices, responsible consumption, and climate action. The theme for Earth Day 2025 was **"Our Power, Our Planet"**. Dr. Fr. Robert Pradeep Kujur, S.J., Principal, and Dr. Fr. Ajay Minj, S.J., Vice-Principal, St. Xavier's College, Ranchi, graced the event.

On the eve of Earth Day, Fr. Principal said, "Earth Day reminds us of our duty to protect this planet, not just for ourselves but for generations to come". Mr. Sabir Hussain and Ashwani Ashok emphasized that protecting the environment is a collective responsibility and encouraged the youth to spread awareness about sustainable living and reducing ecological footprints. Several competitions, such as poster making, poem recitation, reel making, and Rangoli making based on the theme of environmental conservation, were held.







Students of semester 4 from the department of zoology and biotechnology actively took part in coordination and event management. The event was anchored by Aakansha, Tithi and Sarah. The event was organized under the guidance of Dr Bharti Singh Raipat, HoD Department of Zoology, and coordinated by Dr. Pipas Kumar, Faculty of Environmental Science. During the event, Dr Sanyukta, HoD Department of Biotechnology; Dr. Riresh Shukla, Dr. Priya Srivastava; Dr. Manoj Kumar, Dr Rakesh, Dr Priyanka, Dr. Ramita, Ms Kanchita, Ms Mouli were present. The event concluded on a note with a collective commitment to protect the Earth through responsible actions and sustainable lifestyle choices.

#### **Outcomes of the event:**

Earth Day has grown into a worldwide movement, uniting people across cultures and backgrounds in a shared effort to protect the planet.. This program has helped to achieve following

- **Increased awareness among students**

The annual event plays a crucial role in raising awareness about pressing environmental issues like climate change, pollution, and biodiversity loss.

- **Encouragement of Sustainable Practices in daily life**

Earth Day encourages individuals and communities to adopt eco-friendly lifestyles, including reducing waste, conserving resources, and supporting sustainable businesses.

- **Taking Collective Responsibility for environmental conservation**

Earth Day reinforces the idea of shared responsibility for the planet, encouraging individuals to take action and contribute to a healthier environment.

- **Promoting idea of sustainable development**

Earth Day also serves as a reminder of the interconnectedness of all life on Earth and the importance of protecting natural resources for future generations.

Thus, celebration of Earth Day's legacy continues to inspire and empower individuals to become environmental advocates and make a positive impact on the planet.



#### **4. Title of the activity/event: World's Nature Conservation Day 2025**

**Date of the event: 28<sup>th</sup> July 2025**

**Organising department/club: Ecotask Force, Department of Zoology**

**Objectives:** Under the theme of World's Nature Conservation Day 2025, Students of Department of Zoology participated in the program Department of Forest, Government of Jharkhand at JAP AUDITORIUM, Doranda, Ranchi.

#### **Outcomes: A Celebration of Nature and Noble Beasts**

In a heartfelt endeavor to awaken young minds to the sublime beauty and irreplaceable value of nature, an enlightening event was orchestrated with the noble aim of fostering awareness about the sacred duty of conserving our environment and the majestic tiger. The gathering was graced by five eminent luminaries—Rajesh Pillai Sir, Dr. Sunil Kumar Sir, Ashok Kumar Sir, Mayank Murari Sir, and Amarkant Sir—each a beacon of wisdom in their respective realms. With eloquence and passion, they unfurled a tapestry of knowledge, touching upon the treasures of natural resources, the tiger's regal role in maintaining ecological harmony, sobering revelations from recent surveys, and visionary approaches to safeguarding our planet's verdant soul.

The students, brimming with curiosity and reverence, engaged fervently in a dynamic exchange of ideas, posing thoughtful inquiries to the esteemed speakers. Among these, one question shone with exceptional insight and was duly honored, inspiring deeper contemplation and dialogue.

The session further illuminated Jharkhand's profound contribution to environmental stewardship, casting a spotlight on the storied Palamu Tiger Reserve—a sanctuary steeped in history and ecological significance. Its enduring legacy continues to shape and inspire conservation efforts across the region, standing as a testament to nature's resilience and mankind's responsibility.

**Number of participants (students/faculty):** 28 students from Department of Zoology

**Any special guests/resource person:** Mr. Rajesh Pillai, Dr. Sunil Kumar Sir, Shri Ashok Kumar, Mayank Murari and Amarkant





## World Nature Conservation Day





5. **Title of the activity/event:** Extension activity: **Van Mahotsav celebration: Ek Ped Maa Ke Naam- A tree as tribute to mother, Plantation drive**

**Date of the event:** 14<sup>th</sup> September 2025

**Organising department/club:** Eco task Force, Department of Zoology

**Objectives:** On the sacred occasion of Van Mahotsav, when the nation renews its bond with Mother Earth, the Eco Task Force of the Department of Zoology, St. Xavier's College, Ranchi, joined hands with the valiant warriors of the Indian Army—Adv party 6 JAK-Li, 124 Infantry Brigade, Namkum Cantonment, Ranchi—to orchestrate a heartfelt plantation drive under the visionary banner of the Prime Minister's initiative, 'Ek Ped Maa Ke Naam.'

**Outcomes:** A total of 102 saplings, comprising fruit-bearing and flowering plants, were lovingly planted—each one a promise of shade, sustenance, and serenity for generations to come.

**Number of participants (students/faculty):** 37 students from Department of Zoology

**Any special guests/resource person:** The event was graced by the esteemed blessings of Brigadier Pradeep Kumar Sengupta, SM, Major Dr. Sheraz from the Army Medical Corps, Major Gulam Hussain Ansari Military Hospital Suratgarh, Rajasthan and Maj Vikas sanghwan of 6 JAK-Li whose guidance and support elevated the occasion with wisdom and warmth.













## 6. Title of the activity/event: **International Ozone Day**

**Date of the event:** 19<sup>th</sup> September 2025

**Organising department/club:** Eco task Force, Department of Zoology

### **Objectives:**

The celebration of International Ozone Day aimed to raise awareness among students and the community about the importance of the ozone layer, the threats it faces, and the global efforts to protect it. The event also highlighted the role of individuals and institutions in promoting sustainable practices to safeguard the environment.'

### **Outcomes:**

Students gained a deeper understanding of the environmental challenges related to ozone depletion. The event encouraged students to adopt eco-friendly habits and become ambassadors of environmental sustainability. The celebration reinforced the importance of collective action in protecting our planet. Quiz competition Poem and shloka recitation competition were organized.

**Number of participants (students/faculty):** 82 students from Department of Zoology

### **Any special guests/resource person:**

#### **Distinguished Guest name:**

- Mr. Aryan, Chetan Welfare Trust
- Shreya Kumari, Chetan Welfare Trust
- Mr. Trinath Mahato, CEED
- Ms Ritika Dan, CEED
- Mr. Tammanah Jha, Associate Outreach- CEED











## 7. Title of the activity/event: **Invited Lecture and Book Launch Event**

**Date of the event:** 21st August 2025

**Organising department/club:** Department of Zoology (UG), in collaboration with IQAC

### **Objectives:**

To provide students with practical insights into the dairy industry through an expert lecture by Mr. Manish Piyush, Director of Puresh Daily Foods, and to officially launch the book *"Handbook on Dairy Technology"*, authored by the faculty Dr. Manoj Kumar, Dr. Rakesh Ranjan, and Dr. Bharti Singh Raipat of Zoology Department, aligning with the forthcoming Add-on Course in Dairy Technology.

### **Outcomes:**

The event was marked by an engaging invited lecture delivered by Mr. Manish Piyush, who offered comprehensive perspectives on opportunities, challenges, and innovations in the dairy sector. His talk sparked thought-provoking discussions among students and faculty, bridging academic knowledge with real-world industry applications.

The highlight of the program was the official launch of the book *"Handbook on Dairy Technology"*, authored by Dr. Manoj Kumar, Dr. Rakesh Ranjan, and Dr. Bharti Singh Raipat. This publication stands as a resource for the upcoming skill-based course in Dairy Technology, reinforcing the department's commitment to applied sciences.

The session began with anchoring by Dr. Priya Srivastava and a welcome address by Dr. Bharti Singh Raipat (Head of Department, Zoology). The event concluded with a formal Vote of Thanks by Dr. Manoj Kumar, Department of Zoology, expressing gratitude to the guest speaker, dignitaries, and attendees.

### **Number of participants (students/faculty):**

- Students: Sem 1 and Sem 3 (86)
- Faculty present:
  - **Zoology:** Dr. Bharti Singh Raipat (HOD), Dr. N. V. A. Rao, Dr. Ritesh Kumar Shukla, Dr. Priya Srivastava, Dr. Manoj Kumar, Dr. Rakesh Ranjan, Dr. Julian Ekka, Dr. Ramita Kumari, Ms. Mouli Chakraborty, Ms. Deepshikha Samdershi
  - **EVS:** Dr. Pipas Kumar

### **Any special guests/resource person:**

- Mr. Manish Piyush, Director, Puresh Daily Foods

**Venue:** Father Proost Hall, St. Xavier's College, Ranchi

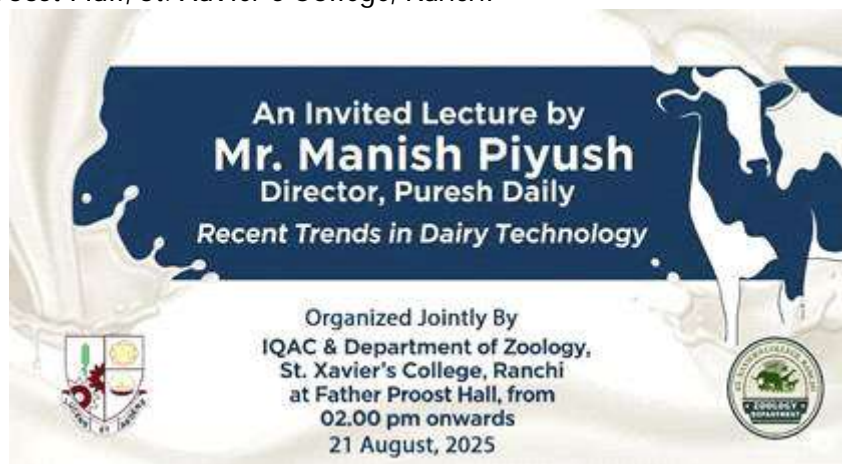


Figure 1: Event Poster



Figure 2: Beginning of Program by Dr. Priya Srivastava



Figure 3: Welcoming of Speaker by Dr. Bharti Singh Raipat



Figure 4: Mr. Manish Piyush Delivering his Lecture



Figure 5: Felicitation of Mr. Manish Piyush by Dr. Bharti Singh Raipat and Dr. N. V. A. Rao



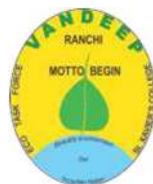


Figure 6: Faculty Present



Figure 7: Inauguration of Book - Handbook on Dairy Technology Authored by Dr. Manoj Kumar, Dr. Rakesh Ranjan, Dr. Bharti Singh Raipat



Figure 8: Dr. Manoj Kumar Proposing Vote of Thanks



Figure 9: Faculty and Students Present During the Event