



REEF

Annual Report

2023-24



OZONIDE



REEF of Shri Ramdeobaba College organized "OZONIDE" on World Ozone Day. The event featured "OZO-CD" and a quiz. Renowned environmentalist Mr. Kaustav Chatterjee, Founder of Green Vigil Foundation, delivered a keynote on ozone depletion, history, human impact, and solutions. Dr. Swaroop Laxmi Mudliar discussed RCOEM's pollution reduction initiatives. Attendees pledged to protect the ozone layer and the environment. The event ended with the installation of the new core committee.





INDIAN SWACHHATA LEAGUE 2.0

On September 17, 2023, in Nagpur, the Indian Swachhata League 2.0, part of the Swachh Bharat Mission - Urban 2.0, kicked off with a "Plog run cum rally" from Town Hall, Mahal.

NMC's Honorable Additional Commissioner, Smt. Aachal Goyal, and Ku Surbhi Jaiswal, captain of Nagpur Tigers, flagged off the event. REEF from Shri Ramdeobaba College, invited by Mr. Kaustav Chatterjee and Miss Surbhi Jaiswal, participated enthusiastically. The event concluded at Chitnis Park with a gathering of various firms and NGOs.



ECO FRIENDLY GANPATI IMMERSION CAMPAIGN 2023



From September 29th to the 10th day, Ramdeobaba College of Engineering's REEF actively participated in the Eco-Friendly Ganpati Immersion Campaign by Green Vigil Foundation at Futala Lake, Nagpur. Despite weather challenges, a total of 2749 Ganpati idols were immersed in artificial tanks, with 61 Kalash of Nirmalaya collected. The campaign received praise from various dignitaries like Municipal Commissioner Dr. Abhijeet Chaudhari and District Collector Dr. Vipin Itankar.



WILDLIFE WEEK

1) QUIZ COMPETITION

An exhilarating Online Quiz Competition unfolded from October 2, 2023, to October 8, 2023, focusing on extraordinary creatures such as the Bengal Tiger, Deer, Ghariyal, Indian Rhino, Peacock, and Red Panda. The interactive quiz featured a points system for each correct answer, accumulating scores throughout the week.

On the 9th, a captivating Goodies Auction event took center stage, allowing students to redeem their hard-earned Reef Points for exclusive items. The auction, marked by spirited group bidding, transformed the event into a unique experience. To amplify the excitement, additional games were interspersed, offering participants opportunities to earn extra points and enhancing the overall engagement and enjoyment of the occasion.





2) DEBATE COMPETITION

On 5th of October, the Maharashtra Forest Department, in collaboration with the REEF Club and Literary Club of Shri Ramdeobaba College of Engineering and Management, organized a debate competition during Wildlife Week. Smt. SreeLakshmi Annabathula, Conservator of Forests, was the chief guest and received a sapling from Dr. Rajesh Pande, the principal of RCOEM. Honorary Wildlife Warden Mr. Avinash Londhe was felicitated by Dr. Deepshikha Mehra, HOD Humanities, along with the faculty in-charges of REEF and Reader's Reverie Literary Club. Smt. SreeLakshmi addressed the audience, emphasizing India's pride in biodiversity, culture, space exploration, and technological advancements. She discussed the coexistence of conservation and development for a healthy future.

The debate, judged by forest officials, featured eight teams in the first round discussing "Conservation vs Development." After a break, two teams proceeded to the final round on the topic "Man vs Wild, is it natural or man-made?" The Institute of Science won, and Shri Ramdeobaba College was the first runner-up.

Dr. Deepshikha Mehra concluded the event with a vote of thanks, appreciating all participating teams and the judges.



3) CLEANLINESS DRIVE

A National call to action for 1 hour of citizen led shramdaan for Swachhata@nmcngp & Green Vigil Foundation conducted Cleanliness Drive under Swachhata Hi Seva Abhiyan - Ek Tareekh Ek Ghanta Ek Saath today on 1st October 2023 at Dikshabhoomi, Nagpur. The Students of REEF joined the team of Green Vigil Foundation for the Cleanliness Drive. Prominently present during the program were Dr. Abhijeet Chaudhari, Hon. Commissioner & Administrator, NMC, Dr. Sunil Lahane, Hon. Additional Commissioner, Dr. Gajendra Mahalle, Deputy Commissioner and others





4) BIRD WATCHING

There were 2 birdwatching sessions:

1)] Baludyan Nagpur ,

It was a captivating event on October 2, 2023, unfolded amid the picturesque surroundings of Baludyan in Seminary Hills, Nagpur. Orchestrated by the Maharashtra Forest Department, the sessions saw the dynamic involvement of esteemed personalities, including Avinash Londhe, Honorary Wildlife Warden, and Ajinkya Bhatkar, Wildlife Warden from WWF India. Joining them were DFO Narendra Chandewar and the wildlife rescue expert, Vineet Arora.

Immersed in the heart of Baludyan, students planted a few trees and embarked on a transformative trail grouped into three cohorts, each accompanied by two seasoned experts. Against the backdrop of this verdant landscape, students delved into the secrets of avian communication, the intricacies of insect behavior, and the myriad wonders of diverse tree species. The event not only facilitated knowledge transfer but also provided a hands-on experience, fostering a profound appreciation for the intricate ecosystems surrounding us.



2) Ambazari Biodiversity Park

On the vibrant canvas of Ambazari Biodiversity Park, the Maharashtra Forest Department orchestrated a captivating trail on October 6, 2023. Steering this immersive experience were notable figures, including Avinash Londhe, the Honorary Wildlife Warden, Ajinkya Bhatkar from WWF India, DFO Narendra Chandewar, and Vineet Arora, a seasoned Wildlife Rescue expert. Guiding the enthusiastic team of REEF students was Ajay Agrawal, an accomplished birder.

Against the backdrop of nature's symphony, Ajay Agrawal unfolded a tapestry of avian wonders, unveiling 24-26 distinct bird species. Each feathered resident showcased its unique characteristics, with Ajay's expert narration breathing life into their stories. This collaborative venture between nature enthusiasts and seasoned experts not only enriched understanding but also kindled a profound connection with the vibrant biodiversity of Ambazari.





BIRD WEEK

The Virtual Bird Sound Series was a comprehensive and engaging initiative conducted through online platforms. It provided participants with the opportunity to explore and appreciate the diversity of bird vocalizations, featuring different species from various regions. The outcomes of the series included increased awareness of bird vocalizations and educational value in birdwatching.

We grouped birds into 2 categories, our basic classification, special birds and common birds. We decided to post those special birds on social media. This Bird week 5th November to 12th November we shared their special Facts, their nesting, breeding, habitat and their calling, and the common birds we shared their info on Stories starting from 20 November to 15 January, every Monday and Friday.



RCOEM
Rajasthan Council of Ornithology and Environmental Management

REEP
Rajasthan Environmental Education Project

Night Birds




Jungle Owlet

Name: Jungle Owlet (*Glaucidium radiatum*) or Barred Jungle Owlet

Breeding Season: March to May in India

Habitat: In scrub, deciduous, and moist deciduous forests.

Nesting: Nest in tree hollows, about 3-5 m high, with a typical clutch of four eggs.

Special Feature: Named for their forest habitat. Known for roosting inside tree cavities and camouflaging as tree stumps when disturbed. They have diverse vocalizations.



INTERMEDIATE EGRET

Scientific Name: (*Ardea intermedia*)

Habitat: Shallow waters, seasonal wetlands, sheltered flood-plains and mudflats

Breeding:
North India (July-September)
South India (November-February)
Lays 2-5 pale green eggs

Nesting: Nests are made out of sticks and vegetation on trees standing in water.

Special Features: They get decorative plums during the breeding season. The majority of the birds have non-migratory behavior. Except, those in Japan are migratory leaving Japan in October and spending the winter in Oceania



WADERS (SHOREBIRDS)

MIGRATORY BIRDS



Glossy Ibis

Name: Glossy Ibis (*Plegadis falcinellus*)

Breeding Season: May - July in India

Found Region: Large lakes, marshes, flooded grasslands, and paddy fields. Winters in Africa for European birds and resides in western India.

Nesting: Nests on platforms of twigs and vegetation above water, laying 3 to 4 eggs.

Special Feature: Close inspection reveals stunning maroon, emerald, bronze, and violet colors. Named for the glossy appearance of its feathers.