

ECOClub Newsletter

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Under Environment Education Programme



SAVE ENVIRONMENT → SAVE LIFE



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Director

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PREFACE

It is with great pleasure that I present to you the 34th edition of our newsletter, highlighting the Centre for Environmental Studies' (CES) endeavors in promoting sustainability and environmental stewardship. This quarter, we have been actively engaged in various initiatives aimed at fostering a culture of sustainability among students, communities, and stakeholders.

This quarter, we have been actively engaged in various initiatives aimed at fostering a culture of sustainability among students, communities, and stakeholders. Our awareness campaign on the elimination of single-use plastics reached out to over 50 schools and 30,000 students across Odisha, inspiring a new generation of environmentally conscious citizens.

Furthermore, we observed the National Energy Conservation Day 2024 with great enthusiasm, organizing quiz competitions, rallies, and model exhibitions to promote energy conservation practices. This annual celebration, held on December 14th, serves as a reminder of the importance of conserving energy and promoting sustainable living.

In collaboration with the Engineer-in-chief (Electricity)-cum-PCEI under the Department of Energy, we jointly organized poster making and quiz competitions in school, block, district and state level, engaging students and communities in a fun and interactive way. The success of these events demonstrates the collective efforts of CES, the Department of Energy, and the community in promoting energy conservation and sustainability practices.

I hope this newsletter inspires you to join us in our mission to create a more sustainable future. Together, we can make a difference. I would like to express my gratitude to our team, partners, and stakeholders for their tireless efforts in making these initiatives a success. I hope this newsletter inspires you to join us in our mission to create a more sustainable future.

(Dr. K. Murugesan)

SUCCESS STORY OF B.C. GOVT. HIGH SCHOOL, KATISHAI, BALASORE

Energy Conservation Initiatives

Bhagban Chandra Govt High School, Katisahi, bhogarai, Balasore, has been actively promoting energy conservation among its students and the local community. The school has organized nos of activities to raise awareness and inspire action.



Painting Competition

The school organized a painting competition on the theme of energy conservation, which saw a huge participation from students. The best paintings were awarded and displayed on the notice board to inspire and motivate others. This creative approach helped students express their ideas and thoughts on energy conservation.

Classroom Teaching

Regular classroom teaching sessions are conducted to educate students on various energy-saving topics. At least two classes are held per month, where students are encouraged to share their ideas and experiences. These sessions have been instrumental in helping students develop a deeper understanding of energy conservation and its importance.

Door-to-Door Campaigning

Students have been actively involved in door-to-door campaigning to spread awareness about the importance of energy conservation. This grassroots approach has helped reach out to the local community and encourage them to adopt energy-saving practices.

Energy-Saving Models

Students are regularly exposed to various energy-saving models, which helps them understand



the practical applications of energy conservation. This hands-on approach has been effective in inspiring students to develop innovative solutions.

Gobar Gas Model Making Workshop

A gobar gas model making workshop was organized on the school campus, where students learned about the benefits of biogas and how to construct a gobar gas plant. This interactive session was enjoyed by the students, who gained valuable insights into renewable energy.

Plastic-Free Awareness Campaign

A plastic-free awareness campaign was launched to make the school campus and premises plastic-free. Students actively participated in the campaign, which included organizing a rally in the village to spread awareness. Debate and quiz competitions were also held to engage students and reinforce the importance of reducing plastic waste.

Exposure Visit

A group of 50 students was taken on an exposure visit to the power grid station. This field trip provided students with a unique opportunity to learn about the power generation and distribution process, highlighting the importance of energy conservation.

These initiatives demonstrate B.C. High School's commitment to promoting energy conservation and sustainability. By engaging students and the local community, the school is inspiring a new generation of environmentally conscious citizens.

ACTIVITIES OF BBJ GOVT. HIGH SCHOOL KUMARKELI, SONEPUR

Establishing the Eco Club

The Energy Club of BBJ Govt.High School KUMARKELI,SONEPUR was established in 2024 with 30 student members and Bachaspati Panda as the mentor. The primary objective of the club was to create awareness among students and the local community about the importance of reducing electronic waste (e-waste) and conserving energy.

Awareness Rally

To kick-start the awareness campaign, the Eco Club organized a rally in the village. The rally aimed to educate villagers on the proper management and reduction of e-waste, as well as the importance of energy conservation. Students carried placards and banners with slogans and messages, while also distributing pamphlets to the villagers.

Classroom Sessions

To reinforce the message, the Eco Club conducted classroom sessions on e-waste reduction and energy conservation. These interactive sessions helped students understand the impact of



their daily habits on the environment and encouraged them to adopt sustainable practices.

Debate Competition

A debate competition was organized to engage students in discussions on the theme. Participants presented their arguments on topics related to e-waste reduction and energy conservation, showcasing their knowledge and creativity. The competition helped build confidence and critical thinking skills among students.

Awards and Recognition

To motivate students, the Eco Club distributed certificates of merit and shields to the winners of the debate competition. This recognition encouraged students to continue their efforts in promoting sustainability.

Field Visits

To provide hands-on experience, the Eco Club organized field visits to a plant site and a solar-powered pump in a crop field. These visits helped students understand the practical applications of sustainable practices and renewable energy sources.

Future Plans

The Eco Club has planned more activities for the scheduled period, as per the guidelines of the financial aid provider. These activities will continue to focus on e-waste reduction and energy conservation, aiming to create a lasting impact on the students and the local community.



FATEPUR GOVT HIGH SCHOOL, KHAIRA, BALESORE



Fatepur Govt High School, Khaira, Balesore, has established an Energy Club, which has been instrumental in promoting energy conservation and environmental awareness among students and the local community. Under the guidance of Mr. Jeeban Kumar Khandapatra, the in-charge teacher of the Energy Club, the school has organized various activities to educate students on the importance of energy conservation.

The Energy Club has conducted numerous classroom teaching sessions on topics such as solar cookers, gohar gas plants, types of energy, sources of energy, and green gas effects. These sessions have helped students understand the concepts of energy conservation and its significance in everyday life.

To reinforce the learning experience, the Energy Club has organized quiz competitions related to classroom teaching and important energy conservation observation days. These competitions have encouraged students to think critically and creatively about energy conservation.

The Energy Club has also celebrated various important observation days, such as World Environmental Day, to raise awareness about environmental issues and promote sustainable practices. Awareness meetings and rallies have been organized to educate the public about their responsibilities in protecting the environment.

One of the notable initiatives of the Energy Club is the celebration of Ozone Day. The club

organized an awareness meeting to educate students about the importance of the ozone layer and ways to prevent its depletion. A slogan-writing competition on "Save Ozone" was also organized to encourage students to think creatively about ozone conservation.

The Energy Club has also celebrated Energy Conservation Day on December 14th to promote



energy-saving practices and raise awareness about the importance of energy conservation. Through these initiatives, the Energy Club has inspired students and the local community to adopt sustainable practices and reduce their carbon footprint.

The success of the Energy Club can be attributed to the dedication and enthusiasm of Mr. Jeeban Kumar Khandapatra and the students. The club's initiatives have not only raised awareness about energy conservation but have also inspired students to become responsible citizens and environmental stewards.



SHAKTI CLUB ACTIVITIES OF GOVT. (SSD) HIGH SCHOOL DARLIPADA, KOMNA, NUAPADA



The Shakti Club at Govt (SSD) High School, Darlipada, in Block Komna, Nuapada District, has revolutionized energy conservation among students. Since its inception, the club has sparked a wave of interest in energy-saving practices, inspiring students to join and contribute to the cause.

The Shakti Club of Govt (SSD) High School, Darlipada, enthusiastically celebrated National Energy Conservation Day. The club organized an awareness rally, where students carried slogans and banners, spreading the message of energy conservation to the general public.

The rally aimed to educate people about the importance of saving energy and its impact on the environment. Students passionately chanted slogans, urging everyone to adopt energy-saving habits.

To further reinforce the message, the Shakti Club organized a pledge-taking ceremony at all levels. Students, teachers, and members of the local community came together to take a collective pledge to conserve energy and protect the environment.

Through this event, the Shakti Club successfully raised awareness about energy conservation, inspiring individuals to take action and make a positive impact on the environment. The club's efforts demonstrated its commitment to promoting sustainable practices and creating a better future for all.

Through the Shakti Club, students have gained valuable insights into the importance of energy conservation and its environmental impact. The club's initiatives have educated students, encouraged them to take action, and empowered them to make a positive difference in their community.

One of the club's notable achievements is addressing small but significant energy-wasting problems. For instance, they ensured fans were turned off during holidays and switches were turned off when not in use. These simple actions collectively made a substantial impact on energy conservation.

The Shakti Club has also promoted the use of power-saving devices for computers, significantly reducing energy consumption. Additionally, they encouraged the use of LED bulbs, which are energy-efficient and environmentally friendly.

Beyond solving energy-related problems, the Shakti Club has created awareness about energy conservation's importance. Their efforts have inspired students, teachers, and the local community to adopt energy-saving practices.

The club's success is attributed to its dedicated and enthusiastic members, who tirelessly promote energy conservation. Their initiatives serve as a model for other schools and communities, demonstrating collective action's potential to drive positive change.

In conclusion, the Shakti Club at Govt (SSD) High School, Darlipada, is a shining example of collective action leading to significant positive change. Their success in promoting energy conservation and solving small but significant problems has inspired a new generation of environmentally conscious citizens.

ECO & ENERGY CLUB ACTIVITIES OF GOVT. GIRLS HIGH SCHOOL, TUSRA, BOLANGIR



The Eco Club and Energy Club of Govt. Girls High School, Tusra, Bolangir, have been instrumental in promoting environmental awareness and sustainability among students, teachers, and the local community. Through a wide range of activities, these clubs have inspired a new generation of environmentally conscious citizens.

One of the key initiatives of the clubs has been the development of a kitchen garden, which serves as a hands-on learning experience for students. The garden not only provides fresh produce but also teaches students about sustainable farming practices and the importance of reducing carbon footprints.

Waste management and plastic recycling have also been major focus areas for the clubs. Students have been actively involved in segregating waste, composting, and recycling plastic. These efforts have significantly reduced the school's waste output and inspired students to adopt eco-friendly habits.

The clubs have also celebrated various important observation days, including Space Day, Energy Conservation Day, Wetland Conservation Day, Hand Washing Day, Environment Day, and Swacchata Pakhwada. These celebrations have helped raise awareness about critical environmental issues and promoted sustainable practices.

To engage students and encourage their participation, the clubs have organized competitions and distributed prizes. Plantation

drives and Van Mahotsav celebrations have also been conducted, with students planting numerous saplings and taking care of them post-plantation.

The clubs' efforts have extended beyond the school premises, with students, teachers, and local youth participating in rallies and awareness campaigns. By taking pledges and spreading awareness, these individuals have become ambassadors for environmental sustainability.

The success of the Eco Club and Energy Club can be attributed to the dedication and enthusiasm of its members. Their tireless efforts have inspired a community-wide movement towards sustainability, with the mantra "Save Earth, Save Life," "Say No to Plastic," and "Go Green" resonating throughout.

As a result of these initiatives, Govt. Girls High School, Tusra, Bolangir, has emerged as a model institution for environmental sustainability. The school's commitment to reducing its carbon footprint and promoting eco-friendly practices has set a precedent for other educational institutions to follow.



CELEBRATING NATIONAL ENERGY CONSERVATION DAY WITH A SUCCESSFUL RALLY BY GOVT. HIGH SCHOOL, OSAKANA, JAGATSINGHPUR



Govt. High School, Osakana, Jagatsinghpur organized a successful energy conservation rally on December 14, 2024 to commemorate National Energy Conservation Day. The event aimed to raise awareness about the importance of reducing energy consumption and adopting sustainable practices within the community. The rally began at the school premises and culminated at the Osakana market, covering a significant stretch of the locality. Approximately 100 students, accompanied by their teachers, participated in the rally, enthusiastically spreading the message of energy conservation.

The rally proved to be a valuable platform to inspire others towards a more sustainable future. Participants expressed positive feedback regarding



the informative content, engaging activities, and the overall impact of the event.

To foster awareness among students from a young age, the school conducted various activities, including Energy-themed puzzles, Quiz competition on energy conservation facts, A “Pledge to Save Energy” campaign

These activities not only educated the students but also encouraged them to take a pledge to implement energy-saving measures at home, such as switching to LED bulbs and adopting more eco-friendly habits.

In addition, the school regularly conducts classroom teaching to provide students with basic knowledge about the importance of energy



conservation on various topic. Students also learn about model making and report writing on energy audits at home and school.

The success of the energy conservation rally and the school’s regular initiatives demonstrate its commitment to promoting sustainability and reducing energy consumption. By educating and inspiring students, the school is fostering a new generation of environmentally conscious citizens who will drive positive change in their communities.

VARIOUS PROGRAMMES CONDUCTED BY THE CENTRE FOR ENVIRONMENTAL STUDIES (CES) DURING THE MONTH FROM OCTOBER TO DECEMBER 2024

AWARENESS CAMPAIGN ON “ELIMINATION OF SINGLE USE PLASTICS” FOR STUDENTS:

Centre for Environmental Studies Launches Ambitious Campaign to Eliminate Single-Use Plastics

In a bid to tackle the scourge of Single-Use Plastics (SUPs), the Centre for Environmental Studies (CES) embarked on a comprehensive awareness campaign, engaging students, teachers, and local communities across various locations. This initiative aimed to expose the detrimental effects of SUPs, such as straws, cups, and packaging materials, which pose significant environmental challenges due to their widespread use and inadequate disposal mechanisms.

Through a series of interactive workshops and discussions, CES educated participants about the hazards associated with SUPs and introduced them to sustainable alternatives. These alternatives included biodegradable materials, reusable products, and recycling practices, which can significantly mitigate the environmental impact of SUPs.

To inspire change and encourage community involvement, CES organized various events and competitions, including:

- Drawing and essay competitions, which encouraged students to express their creativity and share their thoughts on environmental conservation. Winners received steel bottles featuring awareness messages, serving as a reminder of their commitment to sustainability.
- Video screenings of awareness videos developed by CES, which educated students about the risks associated with SUPs and promoted sustainable practices.
- A rally with placards promoting alternatives to plastic materials and slogans, which raised awareness among nearby communities.
- A cleanliness drive, where nearby areas were cleaned, and residents were advised to use proper dustbins and avoid littering.
- A plantation drive, featuring regional saplings, which not only beautified the area but also promoted environmental conservation.

The campaign concluded with a token of appreciation ceremony, where participants, staff, and teachers received tokens with sustainable messages, reinforcing their commitment to environmental conservation. By engaging students, teachers, and local communities, CES successfully raised awareness about the risks associated with SUPs and promoted sustainable practices, fostering a culture of sustainability that will have a lasting impact on the environment.

The following schools participated in the campaign to eliminate Single-Use Plastics (SUPs), with activities conducted on the specified dates:

Sl.	Date	School Name
1.	04.11.2024	Banamalipur UGME School, Banamalipur, Badamba, Cuttack
2.	05.11.2024	Sidheswar Bidyamandir, Naraj, Barang, Cuttack
3.	06.11.2024	Govt. Girls High School, Kazi Bazar, Cuttack
4.	06.11.2024	Govt. High School, Bankoi, Bolagarh, Khordha
5.	07.11.2024	Govt. High School, Nandankanan, Bhubaneswar
6.	07.11.2024	Prananath High School, Jatni, Khordha
7.	08.11.2024	Balunkeswar Nodal Bidyapitha Deuli, 42 Mouza, Cuttack
8.	09.11.2024	Hariswar Dev Science Higher Secondary School, Panaspada, Puri

9.	11.11.2024	Sayed Mamtaz Ali High School, Jadupur, Bhubaneswar
10.	12.11.2024	Puri Zilla School, Puri
11.	13.11.2024	Govt Nodal High School, Kakatpur, Puri
12.	13.11.2024	Naga Basta Nodal High School, Nimapada, Puri
13.	18.11.2024	Rajpur High School, Ganjam
14.	18.11.2024	PCM Govt High School, Biripur, Ganjam
15.	19.11.2024	National High School, Dura, Ganjam
16.	19.11.2024	City High School, Berhampur, Ganjam
17.	20.11.2024	Budharaja Govt High School, Sambalpur
18.	20.11.2024	Govt High School, Maneswar, Sambalpur
19.	20.11.2024	Govt Nodal High School, Sason, Sambalpur
20.	20.11.2024	Gosala Govt High School, Gosala, Sambalpur
21.	21.11.2024	Govt (CoE) High School, Udit Nagar, Rourkela
22.	21.11.2024	Rastriya Vidyalaya, Rajgangpur, Suiundargarh
23.	22.11.2024	Govt (CoE) High School, Kutra, Suiundargarh
24.	22.11.2024	Govt Sona Parbat High School, Rourkela
25.	25.11.2024	Balunkeswar Nodal Bidyapitha, Balabhadrapur, Kendrapara
26.	25.11.2024	Sahadev Nodal High School, Aul, Kendrapara
27.	26.11.2024	Binapani Govt High School, Erasama, Jagatsinghpur
28.	26.11.2024	NAC Girls High School, Paradeep, Jagatsinghpur
29.	27.11.2024	Panchayat High School, Kasananta, Pattamundai, Kendrapara
30.	27.11.2024	Jagannath Bidyapitha, Choudakulata, Kendrapara
31.	28.11.2024	Ratha Govt High School, Mahira, Jagatsinghpur
32.	28.11.2024	Paruna Posal High School, Tirtol, Jagatsinghpur
33.	02.12.2024	Madhusudan Abasika Madhyamika Vidyalaya, Similia, Dhenkanal
34.	02.12.2024	Panchayat High School, Suakhaikatani, Dhenkanal
35.	03.12.2024	Panchayat High School, Kanapura, Kamakshyanagar, Dhenkanal
36.	03.12.2024	Barsinga High School, Ranjagol, Dhenkanal
37.	04.12.2024	Town High School, Angul
38.	04.12.2024	Govt High School, Purunagarh, Angul
39.	05.12.2024	Brajamohan Govt High School, Jarada, Angul
40.	05.12.2024	P.B.K. High School, Banarpal, Angul
41.	06.12.2024	Banamalipur High School, Khandapada, Nayagarh
42.	06.12.2024	Govt UG High School, Nachhipur, Dasapalla, Nayagarh
43.	07.12.2024	Dadhibaman Jew High School, Sikharpur, Nayagarh
44.	07.12.2024	Solapata Govt High School, Odogaon, Nayagrh
45.	10.12.2024	Govt Girls High School, Boudh
46.	10.12.2024	Baba Baidyanath Nodal High School, Sarasara, Boudh
47.	11.12.2024	Sadhucharan Govt Higher Sec. School, Biranarsinghpur, Boudh
48.	11.12.2024	Govt High School, Purunakatak, Boudh

OBSERVATION OF NATIONAL ENERGY CONSERVATION DAY 2024:

National Energy Conservation Day is celebrated every year on 14th of December. This day is celebrated to disseminate the message of importance to conserve energy among all.

Centre for Environmental Studies and Engineer-in-chief (Electricity)-cum-PCEI under the Department of Energy jointly organized different competitions such as Poster Making & Quiz on the occasion of National Energy Conservation Day 2024.

(a) Quiz Competition:

To create awareness on energy conservation among students, CES conducted offline Quiz Competition on “Energy Conservation” for Students (class 8th to 10th) in different levels as per following.

Sl.	Place	Date	No. of Students
1.	Block level (in 314 Blocks)	01.12.2024	62,800
2.	District level (in 30 Districts)	08.12.2024	942
3.	State level (in Bhubaneswar)	14.12.2024	30

Below is the detailed list of winning students of State level Quiz Competition.

Position	Name of the Student	Class	Name Of The School
First	Siddhi Sekhar Chhotaray	Class-9	B.J.B High School, Khordha
Second	Nitin Kumar Nayak	Class-10	O.A.V, Biswanathpur, Dhenkanal
Third	R. Aditya Kumar	Class-10	O.A.V, Chamakhandi, Ganjam
Consolation-1	Auro Ashrit Rout	Class-8	O.A.V, Umerkote, Nabarangpur
Consolation-2	Akshay Jyoti Sutar	Class-9	Antei Govt. High School, Antei, Kendrapara

(b) Model Exhibition:

A Model Exhibition was also organized in which energy club students demonstrated their models related to Energy Conservation at State Convention Centre, Lokaseva Convention, Bhubaneswar. Selected 30 exceptional models, one from each district participated in the said exhibition. It was also inaugurated by Hon'ble Deputy Chief Minister, Shri Kanak Vardhan Singh Deo.

List of winners of model exhibition attached below

Position	Name Of The Student	Class	Name Of The School
First	Pritipragnya Padhi	Class-9	Laxmibarah Govt. High School, Kendrapara
Second	Sargam Priyadarshini Panda	Class-10	Shyam Sundar High School, Iswarpur, Jajpur
Third	Priyanshi Pratyasha Nanda	Class-10	Odisha Adarsha Vidyalaya, Tetelenga, Boudh
Consolation-1	Basanta Mahakur	Class-8	Menda High School, Menda, Sonapur
Consolation-2	Babul Gouda	Class-9	Govt. UG High School, Hinjalakuda, Ganjam

(c) Rally:

To mark the commencement of State-level celebrations for National Energy Conservation Day, an A vibrant awareness rally was held from Kalinga Stadium to Power House Square, with a massive turnout of enthusiastic students participating in the event. Complementing the rally, an awareness ratha was also organized in Bhubaneswar, further amplifying the message of energy conservation among the public. The rally, flagged off by Hon'ble Deputy Chief Minister Shri Kanak Vardhan Singh Deo, in presence of Shri Pyari Mohan Mishra, EIC (Electricity)-cum-PCEI & SDA, Odisha; besides other dignitaries and officials witnessed large-scale participation from students and teachers across various schools in Bhubaneswar.

(d) Prize Giving Ceremony:

A State level function was organized on 14th Dec. 2024 at 12.30 PM in Convention Centre, Lokaseva Bhawan in which Hon'ble Deputy Chief Minister, Shri Kanak Vardhan Singh Deo addressed the gathering and awarded to best 5 students in quiz competition; best 5 students of model competition and Odisha State Energy Conservation Awards in different categories for their contribution to energy conservation.



Photographs of observation of National Energy Conservation Day 2024

FOR SUBSCRIPTION & QUERY:

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