



सत्यमेव जयते

जहाँ है हरियाली ।
वहाँ है खुशहाली ॥

Government of India
Ministry of Environment & Forests

Paryavaran Mitra



Puraskar

HAND PRINT

Action Towards
Sustainability



ArcelorMittal

CEE

Centre for Environment Education

2013

Best School Nominations of Odisha

Kalinga Institute of Social Sciences, Bhubaneswar, Khurda

- Have been using 2000 KG of food waste and 2065 KG of cow dung every year to produce green energy in the school.
- Planting 10000 saplings every year.
- Reduced 120-140 units of electricity consumption per day inside the school.
- Cow rearing producing 7-8 litres of milk everyday from 8 cows.
- 700 KG of fish per month from pisciculture.
- 70-80 files per day produced through paper recycling unit.
- Use of herbal medicines has reduced use of allopathic medicines.

Why the school was selected?

- Linkages to curriculum well planned and scheduled. 1 period had been dedicated to plantation and its nurturing.
- Environmental impact is clearly visible and project based learning .
- This is a residential school of tribal students from backward areas of Odisha. The students have been motivated very well and 30 leaders were selected to motivate the 1000 students.
- Behavioral changes have been observed in the students with respect to conservation of energy and waste management.

Sankalp Day Boarding School, Berhampur, Ganjam

- **Conservation of Water :**
 - 400 litres of water wastage per day has been reduced inside the school premises.
- **Conservation of Energy:**
 - 800 units of electricity saved per month in the school itself by measures taken by the students.
 - Surrounding village communities have been made aware about use of CFLs to reduce consumption of electricity.
- **Plantation and Herbal Garden:**
 - 800 saplings have been planted by the students in the herbal garden inside the school premises and also the roadside linking to the city.
 - Local communities have been made aware about the plantation during Van Mahotsav through Nukkad Nataks and campaigns. People have taken part in the plantation process.
- **Vermicompost:**
 - 60 KG of Vermicompost was generated in the pit developed in the school in 3 months.
 - These are used for the herbal garden in the school replacing the chemical fertilizers completely.
 - Surrounding communities have been made aware about this.
- Awareness among local community have been done on the disposal of e-waste.

Why the school was selected?

- Whole school has been involved in the project activities.
- The communities have been target in the action projects and knowledge dissemination.
- The students have been thoroughly involved in all the action projects.
- Project based learning has been followed in the energy conservation and vermi-compost projects.
- Proper evidence have been provided by the school supporting the projects.

Goapl Krishna High School, Subalaya, Ganjam

- **Conservation of Olive Ridley at Rushikulya Estuary :**
 - 2 km of beach was cleaned by the students and about 500 kg of garbage were collected and disposed in safe places.
 - Motivated the fisherman community for the conservation of the turtles.
- **Go Green:**
 - 5000 plants of different species including medicinal plants were distributed among the students and villagers of our locality out of five thousand 90% plants are successfully grown.
- **Energy Conservation:**
- As per the survey by the students 150 householders of Subalaya village were made aware regarding how to checkup the misuse of electricity and found that at the end of August the billing rate was less 10% in comparison to the previous month's bill. And in the month of September & October the billing rate was gradually less to 20% in 120 householders.

Why the school was selected?

- The school has addressed a very important local environmental issue of the rare Olive Ridley turtle conservation issue and planning to take up it further.
- The communities have been involved in all the activities and the actions are supposed to benefit them.
- The students have been thoroughly involved in all the action projects.
- Forest department and local NGOs have been involved in the project activities.
- The actions have been linked with the course curriculum well.

Sevashram Sanskirt Vidyapitha, Phulbani, Kandhamal

- Reduced 60 KG of polythene waste and reused them to produce crude oil and shoe wax.
- Through use of modern aquatic biodiversity model, 500 fishes are grown in a 2000' X 3000' size pond with 80% fishes having equal growth at a time period.
- Have developed a device for water filtering without the use of electricity and thus saving 2 units of electricity in each household.

Why the school was selected?

- The project based learning approach has been well implemented in the school.
- The projects, particularly the water filtering device have been planned to address the local environmental issues.
- The projects have been disseminated to and implemented with the community.
- Linkage to the curriculum has been clearly established.
- Whole school involvement.
- Students are taking initiatives to implement the project with the local community.

Peoples High School, Buguda, Ganjam

- Conservation of about 50000 litre of water.
- 1000 saplings plantation.
- Reduction of about 5000 KG of waste.
- Have taken lead in the awareness of the local community through rallies and house to house survey and motivating them for the conservation of water, plantation and waste reduction.

Why the school was selected?

- Special attention to biodiversity conservation when India is the President to the CBD.
- The communities have been involved in all the activities and the actions are supposed to benefit them.
- The students have been thoroughly involved in all the action projects.



सत्यमेव जयते



जहाँ है हरियाली ।
वहाँ है खुशहाली ॥

Government of India
Ministry of Environment & Forests

Paryavaran Mitra HAND PRINT Action Towards Sustainability

Puraskar



ArcelorMittal

CEE

Centre for Environment Education

2013

Best Teacher Nominations Odisha

Ms. Saurava Goswamy

Kalinga Institute of Social Sciences, Bhubaneswar, Khurda

- Have been using 2000 KG of food waste and 2065 KG of cow dung every year to produce green energy in the school.
- Planting 10000 saplings every year.
- Reduced 120-140 units of electricity consumption per day inside the school.
- Cow rearing producing 7-8 litres of milk everyday from 8 cows.
- 700 KG of fish per month from pisciculture.
- 70-80 files per day produced through paper recycling unit.
- Use of herbal medicines has reduced use of allopathic medicines.

Why the Teacher was selected?

- The teacher has helped in integration of the concept of EE in the various subjects and used to link them with the current environmental issues specifically.
- The action projects carried out in the school has been utilized very well to communicate the environmental conservation issues to the students.
- The learning from the Project Based Learning approach has helped in behavioral changes in the students and they are also involved in various research based projects.
- This is a residential school of tribal students from backward areas of Odisha. The students have been motivated very well with special efforts by the teacher.
- The teacher has played an active role in mobilizing funds from the school for the environmental projects.

Ms. Lipika Jena

Sankalp Day Boarding School, Berhampur, Ganjam

- **Conservation of Water :**
 - 400 litres of water wastage per day has been reduced inside the school premises.
- **Conservation of Energy:**
 - 800 units of electricity saved per month in the school itself by measures taken by the students.
 - Surrounding village communities have been made aware about use of CFLs to reduce consumption of electricity.
- **Plantation and Herbal Garden:**
 - 800 saplings have been planted by the students in the herbal garden inside the school premises and also the roadside linking to the city.
 - Local communities have been made aware about the plantation during Van Mahotsav through Nukkad Nataks and campaigns. People have taken part in the plantation process.
- **Vermicompost:**
 - 60 KG of Vermicompost was generated in the pit developed in the school in 3 months.
 - These are used for the herbal garden in the school replacing the chemical fertilizers completely.
 - Surrounding communities have been made aware about this.
- Awareness among local community have been done on the disposal of e-waste.

Why the Teacher was selected?

- The teacher has taken the initiative and played a crucial role in getting the whole school including other teachers also involved in the project activities.
- The involvement of the local community for the dissemination of the project results to them have been well planned in the beginning of the project and has been achieved.
- The teacher has been able to mobilize resources and fund from the schools by involving the managing board and making them understand the benefit of the projects.
- Project based learning has been followed in the energy conservation and vermicompost projects and the linkage to curriculum has been established.
- Proper evidence have been provided by the teacher supporting the projects.

Dr. Shankar Narayan Bej,

Goapl Krishna High School, Subalaya, Ganjam

- **Conservation of Olive Ridley at Rushikulya Estuary :**
 - 2 km of beach was cleaned by the students and about 500 kg of garbage were collected and disposed in safe places.
 - Motivated the fisherman community for the conservation of the turtles.
- **Go Green:**
 - 5000 plants of different species including medicinal plants were distributed among the students and villagers of our locality out of five thousand 90% plants are successfully grown.
- **Energy Conservation:**
- As per the survey by the students 150 householders of Subalaya village were made aware regarding how to checkup the misuse of electricity and found that at the end of August the billing rate was less 10% in comparison to the previous month's bill. And in the month of September & October the billing rate was gradually less to 20% in 120 householders.

Why the Teacher was selected?

- The project has addressed a very important local environmental issue of the rare Olive Ridley turtle conservation issue and planning to take up it further. The linkage to biodiversity conservation has been well established.
- The beyond classroom activities have been well planned in the projects with the teacher ensuring the involvement of communities and dissemination of the results to them.
- The teacher has exhibited good leadership skills in mobilizing the resources from the school sources, Forest Department and local NGOs apart from the Eco club fund.
- The learning through PBL has been planned to understand the need for conservation of Biodiversity and Energy conservation.

Mr. Pradeep Kumar Khadanga

Mother's Public School, Unit – 1, Bhubaneswar, Khurda

- 2-5 units of electricity consumption has been reduced by each group of students everyday after the awareness activities.
- Hundreds of saplings have been planted by the students inside the school campus and outside.
- Many awareness activities have been conducted on various environmental issues like understanding the depletion of ozone layer, understanding the importance of culture and heritage etc.

Why the Teacher selected?

- The teacher has helped in integration of the concept of EE in the various subjects and action projects.
- The teacher has facilitated the awareness to community very well.
- The whole school approach have been adopted by the teacher.
- The teacher has taken special care to involve the parents in the activities at the first hand dissemination.
- The principal and other teaching and non teaching staffs have been involved

Mr. Santosh Kumar Kar

Jay Durga High School, Kalahandi

- Seminar on Water Cooperation: Issues and Challenges.
- Plantation of 46 teak plants.
- Awareness activities on energy conservation issues.
- Cleaning of Narla Road village.
- Children's Mela

Why the Teacher was selected?

- The concepts of EE has been well linked by the teacher in the subjects he teach: Mathematics and Life Science.
- The non teaching and teaching staffs have been involved by the teacher in planning and execution of the activities.
- The local environmental issues have been identified by the teacher and activities have been taken up accordingly.
- The follow up plan is well planned with a group of 7 students to visit to each household in 1 month interval to again make aware about the issues and motivate for conservation.



- **CEE Odisha**

Plot No. – 2189, 1st Floor, Near Baragada Haat, BJB Nagar,
Bhubaneswar – 751014, Odisha

E-mail: ceeeast@ceeindia.org