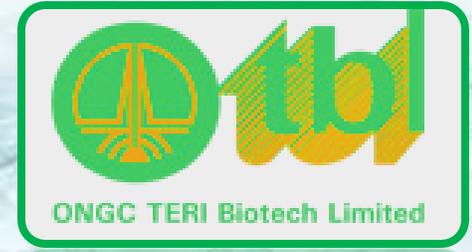


# Newsletter

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## Special Edition on OTBL CSR Projects

### 1. OTBL Gujarat CSR Project

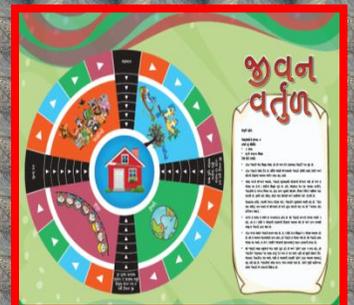
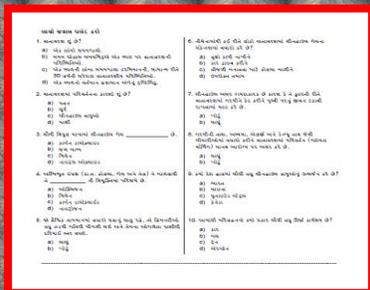
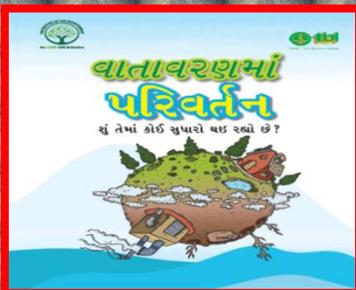
#### Protectors of the Environment-Phase II

#### Shared Action to Combat Climate Change

ONGC TERI Biotech Limited (OTBL)'s CSR programme 'Protectors of the Environment', completes its second year touching the lives of the children in the rural areas, and creating awareness on Climate Change and its impact on the environment. The programme focused on the environmental issues prevailing due to unsustainable actions practiced by humans for development and modernization, which has led to climate variability across the world. The programme aimed to enhance learning of the children through maximum sensitization on key environment / climate change issues that will impact their lives. The programme was supported by the Climate Change department, Govt. of Gujarat and the Gujarat Council of Elementary Education, Sarva Shiksha Abhiyan. The schools were selected from three districts of Gujarat – Ahmedabad, Mehsana and Bharuch. All the participating 18 schools were Government schools or Kasturba Gandhi Balika Vidyalayas located in the remote rural areas of Gujarat. The primary beneficiary students of the programme were more than 3000 school students and 40 teachers and more than 5000 students, 180 teachers, school staff members, parents and village communities as its secondary beneficiaries.

#### Programme Approach

The programme moved in structured way was to identifying and selecting the schools. A customized kit was compiled in Gujarati language for easy adaptability and understanding for the students. This kit comprised of an activity book titled 'Climate Change – is it getting better?', Environment game 'Life Circle', Drawing activity, and assessment sheets.



### Introductory Workshops in Schools

The introductory workshops set the theme of the programme on 'Climate Change and its Impact on Environment'. The students were made to go through a round of pre-assessment before attending the workshop. The workshops were conducted in regional language by experts for better understanding. The students were assigned with activities which were collected in the next round of workshops. A total of 18 workshops were conducted in this stage and approximately 3000 students participated from 18 schools.



Students participated in workshops from Primary School Sudi



Darpaan Vaishno in a workshop with students from Primary School Nesda



Students with the book on Climate Change

### Engagement workshops in schools

A second round of workshops was conducted in each school to gauge their understanding level and reinforce the learning's on climate change. The students were addressed by experts again in interactive workshops where students were demonstrated solar cookers and its use, indulged in games and activities, and painting contest. More than 3000 students participated in the workshops and submitted their paintings. The workshops ensured group activity and engaged students through learning-by-doing model. The students also undertook post assessment tests and submitted their inputs. All submission of the students was considered for evaluation of the best performing students. Based on the assessment papers and other activity submissions, the best set of students were selected to be acknowledged in the concluding event of the programme.



Demonstration of solar cookers in school



Students engaged in a game on climate change



Students with paintings on environment

### Concluding the Programme

The final stage of the programme brought all the participating schools in a single platform and where they exchanged their experiences. The concluding event for Bharuch district schools was held at ONGC campus, Ankleshwar and the concluding event for Ahmedabad and Mehsana district schools were held at IRS ONGC Campus, Ahmedabad.

### Ankleshwar

The event was attended by 120 students and the teachers from the participating schools. The event was chaired by Mr. H L Patel, ONGC Ankleshwar; and Mr. N M Mehta, District Education Officer, Bharuch, Education Department, who also gave away the awards to the best performed students, coordinating teachers and the schools. The students also presented performances on environment such as river pollution.



Dr. Banwari Lal (Director, CEO, OTBL) Speech



Dr. Banwari Lal (Director, CEO, OTBL) awarding the student with trophy and certificate



Mr. Amit Kumar (Senior Fellow & Senior Director, TERI) awarding the student with trophy and Certificate



Mr. H L Patel awarding the student with trophy and certificate



Students performing an act on river Narmada



Students of Kasturba Gandhi Balika Vidhyalay Shankoi, presenting an Adivasi dance



**Students of Kasturba Gandhi Balika Vidhyalay Moti Hirvani with their awards and certificates**

### **Ahmedabad**

The 12 schools from Ahmedabad and Bharuch districts participated in the concluding event at IRS ONGC Campus on 1<sup>st</sup> Feb, 2019. More than 200 students and 40 teachers attended this event along with officials from ONGC, IRS and OTBL. Mr. Omkar Nath Gyani, GM-Head, IRS, ONGC, Dr. Banwari Lal, Director and CEO, OTBL, and Mr. Amit Kumar, Senior Director, TERI gave away the awards to the best performed students. The other dignitaries present at the event were, Dr. Archana U. Mankad, HOD- Climate Change Dept., Gujarat University; Smt. Shruti Patel, Asst. State Project Engineer, SSA, Gandhinagar; Mr. Shwetal Shah, Technical Advisor, Climate Change Dept., Govt. of Gujarat; and Ms. Anupama Jauhry, Associate Director, TERI. Students performed various musical presentations such as Garba, mimicry on 'Save the tree', and natak. A presentation on bio-toilets was presented by the Principal of Primary School Ubkhal.



**Awards given away by Shri O N Gyani, ED, Head-IRS, ONGC Director, OTBL**



Mr. Shwetal Shah, Dr. Archana and Ms. Shruti facilitating the Principal of Primary School Nesda



Mr. Manish Dwivedi, OTBL, awarding Principal of Primary School Ubkhal



Bio-toilet presentation by Mr. Sanjay Chaudhari of Primary School Ubkhal



Garba dance by students of Primary School Modasar



Students and Teachers with the Trophies and Certificates

## 2. OTBL Assam CSR Project

### Biodigester Toilets for improved sanitation facilities in schools in Nazira Block, Sibsagar district, Assam

The overall goal of the project is to install bio-digester toilets in schools for maintaining hygiene at the school compound. The specific objectives of the project are to sensitize and create awareness on the importance of clean and sanitized environment in the school campus, to promote behavioral change among the school children for good hygiene, to disseminate knowledge on Biotoilets, their effective use and operation and maintenance for their sustainability, to install 10 Bio-toilets in 10 schools and to enhance OTBL's visibility in the region by providing necessary branding platforms and promoting its CSR vision.

Ten schools were selected based on the feasibility study conducted in 15 schools for the construction of toilets in schools in Nazira block, Sivasagar district, Assam under the CSR initiative of OTBL programme. Design of the Biotoilets was prepared and accordingly construction works have been started.

### Construction of toilets in schools

Construction of toilets is expected to be completed by End of March 2019.



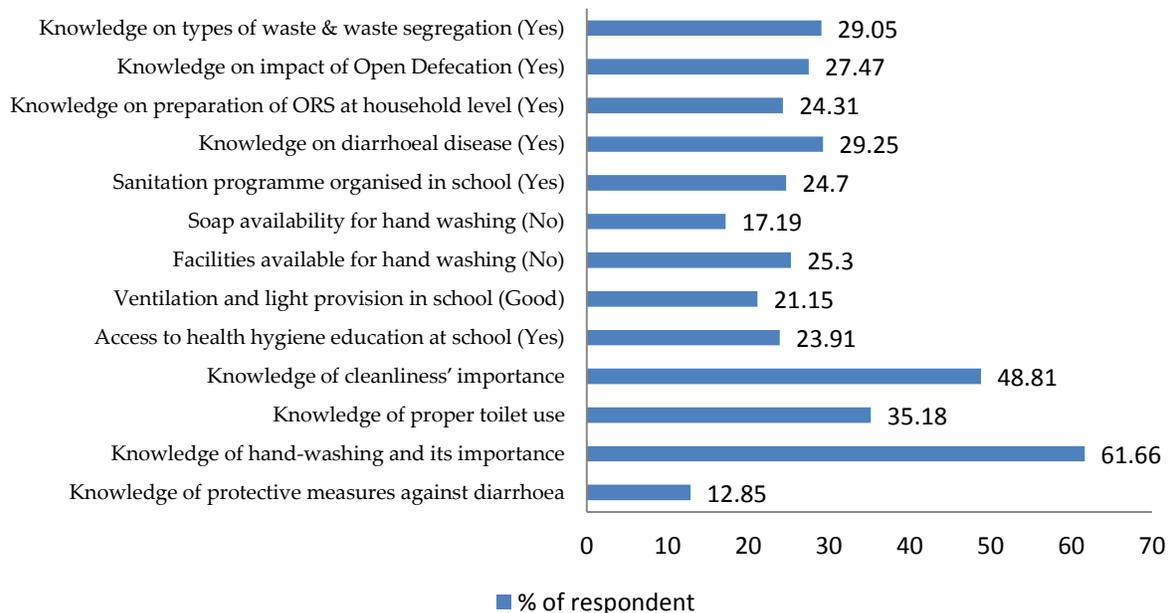
### Sensitization and awareness generation programmes in school

Construction of toilet alone in school does not benefit the students unless the student communities are making aware about its operation and maintenance. Therefore, sensitization and awareness programme on operation and maintenance and related sanitation and health issues were organized in the schools covering the issues such as importance of sanitation, source of bacterial infection and their impact on health, uses and maintenance of toilets, cleanliness, Water, Sanitation and Hygiene (WaSH) issues and its impact on health of the student and the society, methods and importance of hand washing, diarrhoeal disease and preparation of ORS at household level at emergency and do's and don'ts while using toilets.

All total 729 students from class VI to XII and 60 teachers participated in the programme. Along with the awareness generation programme student's perception study on Health, Hygiene and Sanitation was also conducted to assess their knowledge on those issues.



## Student's response on health, hygiene and sanitation



### Student response on health, hygiene and sanitation issues

#### OTBL's ESTEEMED CLIENTELE

- ◆ ONGC
- ◆ Oil India Ltd
- ◆ Numaligarh Refinery & Petrochemicals Ltd
- ◆ Reliance Industries Ltd
- ◆ BG Exploration & Production India Ltd
- ◆ Masila Petroleum Exploration –Yemen
- ◆ Jindal Petroleum- Georgia
- ◆ HPCL, India
- ◆ BPCL Mumbai
- ◆ SB Industrial Engineering
- ◆ BCPL



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