CEE

Glimpses of Activities
2016-17

A Centre of Excellence of the Ministry of Environment, Forest and Climate Change, Government of India
Preface

Centre for Environment Education (CEE), a Centre of Excellence of the Ministry of Environment, Forest and Climate Change, Government of India, works throughout India in a range of innovative educational programmes in several different thrust areas. CEE’s work ranges from working with children and schools to working with communities, governments and senior decision makers. The programmes cover themes and key initiatives of the Government of India such as Swachh Bharat Mission and National Mission for Clean Ganga.

The programmes of CEE are undertaken in partnership and are co-financed through a number of agencies including State Governments, CSR initiatives and others. This booklet provides glimpses of the programmes undertaken during the year 2016-17.
Environment Education in Schools

**Developing Educational Material:** CEE developed educational material on the themes of Science, Maths, Language and Environment which reached out to 50,000 elementary students across Gujarat, through 14 mobile exhibitions facilitated by a team of 35 representatives from local NGOs trained by CEE - throughout 2016-17.

**International Accreditation:**
Bangalore’s *Swacha Shale* Programme has been acknowledged as the Flagship Project for its role in Contributing to Community Engagement in the field of Health and Nutrition; the accreditation was conferred by the United Nations University - Institute for the Advanced Study of Sustainability (UNU-IAS). - May 2016.

**Training Teachers for Sanitation & Hygiene:** CEE, as implementing agency, has trained over 650 teachers from 500 schools in facilitating positive behaviour among school students towards sanitation, hygiene and cleanliness under the Swachhagraha project, supported by the Adani Foundation in Gujarat - July-September 2016.
Demonstrating Handwashing in Schools: With support from Akshayapatra Foundation, CEE has demonstrated proper hand washing techniques in over 177 schools in Gujarat along with others in Karnataka, Odisha, Rajasthan and UP - August 2016.
National Green Corps (NGC): An Orientation Workshop for nodal NGOs was conducted in Assam by CEE and Assam Science Technology and Environment Council (ASTEC) under the NGC programme of MoEFCC - August 2016.

Teacher’s Training under Paryavaran Mitra
- About 2000 teachers were trained in themes like Biodiversity, Energy, Waste Management, Water and Sanitation, Culture and Heritage under the NGC and Paryavaran Mitra School programmes.
- Over 200 environment related queries from more than 150 schools were addressed through Paryavaran Sathi, a toll-free helpline (1800-3000-0996) on ESD.

Winning Accolades for DHaAL: CEE exhibited its project DHaAL (Daily Handwashing for an Ailment free Life) at the Pravasi Bharatiya Divas at Bangalore and won an award at the National Contest for Social Innovation - January 2017.

Planting trees for a green future: As part of Children’s Forest Programme Phase 2, 50 schools in Uttar Pradesh participated in campus plantation (more than 1500 saplings planted), nature tours and Green Festival campaigns - January 2017.

Strengthening Marishala Project Activities: Marishala project saw an expansion with 32 more government primary schools added to it, and institution of Pragna classroom for activity based learning in Halvad. It was also showcased by the State Education Department at the Republic Day parade of Morbi district, Gujarat - June 2016.
Environment Education in Schools

Walking to Understand Culture: ‘Dhal ni Pol no Varso’ is a unique cultural walk developed by CEE in Ahmedabad with students from 3 schools participating. This marked the beginning of World Heritage Week - November 2016.

Dolphin Conservation Education
- 20 Dolphin habitat locations along Ganga river basin
- 700 schools
- About 20 refresher training for teachers
- 3 Dolphin Melas-cum-Camps
- IEC material such as ‘Sustainable Livelihoods Around Ganga’: the Eco-tourism brochure; the Dolphin Calendar.

Conserving the Ganges River Dolphin: CEE North organised the Dolphin Mela at Katernia Ghat, Bahraich with more than 300 students, teachers and key stakeholders participating.
Creating Friends of Environment: *Paryavaran Mitra Earthian* project material has been distributed to 2000 schools; more than 250 reports have been received from Bihar and UP alone for the national level competition for best school/project. 18 workshops were also conducted under Continuous Engagement Programme from May 2016 - August 2016.

Nurturing Medicinal Plants: CEE reached out to over 130 schools in Gautam Budh Nagar, NCR, through the project Medicinal Plants Garden Development, supported by the National Medicinal Plant Board, Ministry of AYUSH, Government of India. Over 100 such gardens were developed; over 11000 students were engaged in over 225 awareness programmes - August 2016.
As one of the ENVIS centres of the MoEF&CC, CEE has been engaged in environmental information collection, collation, storage, retrieval and dissemination, CEE published 2 e-newsletters and generated 1500 queries.

**Providing Training on Digital Payment:** CEE provided hands-on training to teachers on digital payment and cashless transactions under the Guruji project supported by Essar Foundation in Hazira - January 2017.

**Learning about Sustainable Agriculture:** About 300 students took part in Project Based Learning in sustainable agriculture and population and development, as part of the ICT enabled Environment Education module for schools, *CEE ka Bioscope* - July 2016.

**Learning Non-violence:** CEE, in partnership with Sabarmati Ashram and Asha Kiran Trust, designed and implemented the programme called ‘Learning Non Violence’ in 4 schools in Ahmedabad. It explores pedagogical issues and approaches to reducing violence in society - January 2016.
Rebuilding Faith: CEE provided psycho-social care and education support in Uttarkashi, Uttarakhand. CEE helped develop school disaster management plans of 50 schools and distributed IEC materials - August 2016.
Engagement with Higher Education and Youth

Making Campus Sustainable: CEE developed modules on ‘Creating Green Campuses’ and ‘Green Fest’ for colleges and shared them with premier institutes in India - October 2016 - January 2017.

Training Youth in Climate Change: CEE, Ahmedabad conducted an intensive 2 month Certificate course in Climate Change for 22 communicators from Science Express Climate Action Special during June-August 2016.
International Sustainability Exchange: CEE organised a 2 week sustainability exchange programme for 23 students and faculty of Environment Studies and Education streams of Central Queensland University, Australia - January 2017.

CEE In the News

Youths play leaders, discuss climate

A conference held at CEE saw young people taking on roles of world leaders. The event aimed to inform and engage students about the climate crisis and its repercussions. The discussions covered various topics including renewable energy solutions, sustainable agriculture, and environmental conservation efforts.

Amul and the National Dairy Development Board (NDDB) signed an agreement to enhance the dairy sector in Gujarat. The move will help in improving dairy farmers' income and overall dairy production in the state. The collaboration will focus on promoting quality milk production, raising cattle productivity, and providing better market access to dairy farmers.

12th biennale: M.A. Centre and A.G. centre's agri-education system fair

A biennial fair organized by the M.A. Centre and A.G. Centre focused on agricultural education systems. The event showcased various agricultural techniques, innovations, and educational methodologies. Attendees had the opportunity to interact with experts and discuss the future of agricultural education in the region.
Channelising Youth Action in South Asia: CEE organised the Conference of Youth in partnership with Indian Youth Climate Network and Heinrich Boll Stiftung in which 120 youth from Bangladesh, India and Nepal participated - November 2016.
Partnering for the Sabarmati: CEE was the knowledge partner for the Sabarmati River Festival organised by CMS Vatavaran in Gandhinagar and Ahmedabad, as part of its 7th travelling edition - October 2016.

Collaborating with Universities: CEE signed a MoA with GSFC University, Vadodara for jointly developing courses, trainings, research and consultancy projects in EE, environment technology, climate change and social development - May 2016.


Educating on Climate Action: CEE offered the course ‘Climate Action: Everybody’s Business’ to 50 undergraduate students of Ahmedabad University as part of their Independent Study Period - December 2016.
Engagement with Higher Education and Youth

Hosting Interns at CEE: Through SAYEN, CEE engaged 160 students at CEE as interns including 5 international students from Netherlands and Germany.

Training Young Reporters: Winners of the training conducted by Young Reporters for the Environment, India, participating in the Conference on ESD for Transforming Education for Children and Youth held at CEE, Ahmedabad - September 2016.

Speaking on Sustainability: Mr. Kartikeya V. Sarabhai, Director CEE, delivered the keynote address at the 3rd Symposium on ‘Gandhian Pathways to Sustainability’ at the Development Management Institute, Patna - February 2017.

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Discovering Nature: About 75000 people visited Sundarvan, a nature discovery centre and mini zoo of CEE, and participated in programmes like reptile awareness, nature trail, bird watching, wildlife photography, green birthdays and quizzes.

Turtle & Tortoise Conservation: CEE was part of the 3rd Indian Freshwater Turtle and Tortoise Conservation Action Planning and Red List Assessment Workshop held to review the conservation status of freshwater turtles and tortoises and develop a conservation plan - February 2017.
Camping to Discover Nature: CEE organised about 65 nature camps in different ecosystems like marine, forest, lake and mountains, in different parts of the country - Ladakh, Mount Abu, Bakore, Dang, Beyt Dwaraka, Suhelwa Wildlife Sanctuary, and in Karnataka.

Camping to Experience Nature: Five batches of students from UP, Haryana, Goa and Assam are participating in camps under the National Nature Camping Programme 2016, with about 50 students in each batch - January-March 2017.

Showcasing Biodiversity on a Bus: Prakriti bus, a mobile exhibition, was developed by CEE in partnership with Uttar Pradesh Forest Department and reached out to 25000 school children to create awareness on biodiversity in Uttar Pradesh - May 2016.

A Biodiversity Management Plan for Goa was prepared through participatory approach and submitted to the state government.
Countering Climate Change: CEE’s Industrial Pollution Prevention group, along with the Confederation of Indian Industry, Southern Gujarat, organised a seminar for industries on Regulatory Changes to Counter Climate Change, with a special emphasis on Solid and Hazardous Waste Management, in Surat - July 2016.

Participatory Auditing for Capacity Building: During the year, CEE has been engaged in ‘Waste and Sanitation Audits’ with the Pune Municipal Corporation (PMC).

Making Textile Industries more Sustainable: CEE’s Industrial Pollution Prevention initiative worked with the Associations of Textile Processing Units in Gujarat (SGTPA) and Tamil Nadu, visiting the sites and providing inputs for sustainability - April 2016.

Training Mine Managers on CRZ and EIA Notifications: CEE developed a Sustainable Development Framework for mines in the state of Goa and conducted training for the mine managers on CRZ and EIA - July 2016.
Rewarding Climate Friendly Practices across Sectors: CEE was the knowledge partner for the 7th Earth Care Awards, an initiative that rewards locally evolved climate friendly practices in production and consumption regimes - November 2016.

Partnering for Resilience: CEE along with Mahila Housing SEWA Trust is a partner to the Global Resilience Partnership programme on “Devising local coping mechanisms and adaptation technologies to build climate-resilience capacities of urban poor in South Asia”, which is being implemented in 4 cities in India and one each in Bangladesh and Nepal - January 2016.

Preparing a Bicycle Plan for Pune: CEE is a partner in preparing the Bicycle Plan along with the Bicycle Advisory Committee and the Traffic Department of Pune Municipal Corporation - October 2016.
Waste Management

Educating Students on Energy Conservation: *Urja Chetana* builds capacity of students in energy conservation and related areas through action projects leading to improvement of schools’ micro-environment; the project has bagged the Global CSR Excellence and Leadership Awards 2016.

Managing Biomedical Waste: About 240 health care personnel, students and nursing staff were trained in biomedical waste management using the CHAMP facility set up by CEE in Gulbarga, throughout 2016-17.
Training in Hazardous Waste Management Rules: CEE, along with GPCB and NEERI - Nagpur, organized a workshop on hazardous waste management at Ahmedabad for about 410 stakeholders, to make them aware of the new rules instituted by MoEFCC - June 2016.

Testing Building Material Made from Hazardous Waste: CEE undertook testing for demonstration and creation of building material from hazardous waste; lab production of bricks and quality assurance testing was conducted successfully at Ahmedabad - July 2016.
Partnering to Clean the Ganga: CEE is working with Varanasi Municipal Corporation on Clean Ganga project in Uttar Pradesh and Bihar:

- Has involved 20 colleges and 50 schools
- Held rallies, school competitions and campaigns
- Conducted teacher training programmes
- Held 20 ‘nukkad nataks’ on hygiene, sanitation and ‘say no to plastics’
- Held regular vendor meetings and stakeholder dialogues along 35 ghats
- Set up an exhibition stall during Ganga Mahotsav in November 2016


The first phase of *Prakruti Shala* started in August 2016 with 5 government rural schools in Ahmedabad, Gujarat with an aim towards sustainability education.

Training Field Staff on EMF: CEE Tamil Nadu trained about 4800 project and field functionaries of the *Tamil Nadu* Empowerment and Poverty Reduction Project (Pudhu Vaazhvu) project, implemented by the Rural Development and Panchayati Raj departments and supported by World Bank, on Environmental Management Framework - December 2016.
Enrolling Children for NIOS: CEE’s Gramshiksha project with Essar Foundation, has enrolled 37 students (33 female) of 15-25 age group from 15 selected villages of Dwarka, Gujarat under the National Institute of Open Schooling metric examinations - December 2016.
CEE Becomes Key Resource Centre for Swachh Bharat Mission: CEE Northeast has been declared as the Key Resource Centre for Swachh Bharat Mission by the government of Assam - June 2016. Kamrup District Administration has decided to gift concrete toilets to over 16000 BPL families and marginalised farmers as part of its initiative to bring the remote rural pockets of the district under sanitation coverage, in line with the Hon'ble Prime Minister Narendra Modi's Swachh Bharat Abhiyan. The scheme is a joint collaboration of the Public Health Engineering Department, CEE, Kamrup (Metro) District Administration and Swachh Bharat Mission.

Facilitating NGOs and Community Initiatives

Aligned to the needs and priorities of India, the Small Grants Programme (SGP India) has supported over 100 initiatives towards conserving biodiversity, preventing land degradation and facilitating climate action and climate friendly technologies.

SGP Steering Committee
Meeting: The 9th Steering Committee Meeting of the GEF/UNDP SGP India Programme was chaired by Shri Bishwanath Sinha, Joint Secretary, MoEFCC, Government of India - December 2016.

Making a Cook Stove: The making of a locally designed improved cook stove in progress at Muskan Jyoti, Barabanki, Lucknow - December 2016.
Visit to Bio Fuel Energy Production Units: Under the project of UNDP-GEF-SGP and CEE, facilitated by the ZICORD NGO, a partner support visit was arranged to the production unit managed by the Self Help Groups in Imphal West and Senapaty Districts in Manipur - February 2017.


Demonstrating bio-fertilizer: A demo workshop by an NGO partner on making ‘panchgavya’, a bio-fertilizer, as part of supporting and facilitating barefoot consultants - We care Society, Mahboob Nagar, Lucknow - till June 2017.
International Collaborations

Transforming Education: An international conference titled ‘ESD for transforming education for children and youth’ was held in CEE Ahmedabad, in which more than 70 countries participated - September 2016.

Sharing Learnings: CEE shared Indian experiences on management of biomedical waste at a co-lab workshop conducted by the Department of Biochemical Engineering, University College London - November 2016.

Collaborating with the Indo-German Solar Partnership: CEE organised a Stakeholder Consultation in Halvad with support from the Heinrich Böll Foundation, along with knowledge partners GERMI and IWMI, to seek inputs on challenges, gaps and learnings from experiences in fostering the use of solar energy in the region - January 2017.
Teacher Exchange Visit to Japan: 
Under the framework of the International Educational Exchange Programme of the Ministry of Education, Culture, Sports, Science and Technology, Japan, and MHRD, India, CEE led the Indian teacher team to Tokyo - November 2016.

Taking on Design Challenges: CEE, Ahmedabad hosted ‘Engineers Without Border’, an Australian group, for a 2 week rural emergence programme to identify rural design challenges in the context of sustainability and develop prototypes for solutions - December 2016.
Seeds of Hope: This exhibition created by Soka Gakkai International (SGI), Japan, in partnership with Earth Charter International, is a resource for the UN Decade of Education for Sustainable Development (UNDESD). CEE is showcasing the exhibition at schools in Kolkata, Hyderabad and Delhi, to measure the impact of this educational intervention - January 2017.

Planning and Training Meeting: CEE participated in the first Asian Regional Planning and Training Meeting at Universiti Sains Islam Malaysia, Kuala Lumpur, as part of the project ‘Reorienting Education and Training Systems to Improve the Lives of the Indigenous and the Marginalised’ - January 2017.
Participation in International Fora

Convention of Biological Diversity CoP 13: CEE participated in the CBD COP 13 in Mexico. CEE organised 3 side events and put up a kiosk at the Communication, Education and Public Awareness (CEPA) Fair - December 2016.

UN Framework Convention on Climate Change CoP 22, Marrakesh: CEE organised a side event in the India Pavilion of UNFCCC CoP 22, titled ‘Sustainable Lifestyles and Climate Justice’ to highlight the drivers for socially just, lifestyle-related solutions to climate change - November 2016.
Setting up Interpretation Centres across the Country: CEE developed and installed 3 interpretation centres at SFRI, Jabalpur, Madhya Pradesh; Gorumara National Park, West Bengal; and Bir Talab, Bhatinda, Punjab - November 2016- March 2017
Experiencing Culture and Heritage: Shri Gautam Shah, Mayor of Ahmedabad, visited CEE's exhibition on culture and heritage which was organised by Ahmedabad Heritage Venture Lab at Amrut Mody School of Management - April 2016.

Developing an Information Centre: CEE developed an Information Centre as part of Hennur Lake Biodiversity Park, Bengaluru, Karnataka, which was inaugurated by the state Chief Minister - July 2016.

The Science Express Climate Action Special (SECAS): CEE undertook modifications for the SECAS Phase II to bring the content up-to-date, refurbish exhibits and add new exhibits - February 2017.
Assessing the Impact of SECAS: CEE has undertaken an impact study of the Science Express Climate Action Special in schools in the areas covered by the train - April - May 2016.


The State of the World (SoW) is a series of books published annually since 1984 by the Worldwatch Institute. The series attempts to identify the most significant environmental challenges. This year’s edition focuses on ‘Can a City be Sustainable?’ The India edition of the book was introduced by CEE followed by a panel discussion in Ahmedabad, Gujarat and Bhopal, Madhya Pradesh - January 2017.
Preparing a Glossary: CEE prepared a glossary of environmental terms and concepts for MoEF&CC, September 2016.

Compiling Initiatives: ‘Climate Action - India’s Initiatives on Mitigation and Adaptation’ is a compilation of mitigation and adaptation initiatives taken by various actors including government, industries, non-government organisations and individuals in different sectors - February 2016 - till date.

Launching of the GEM Report: The Global Education Monitoring (GEM) Report 2016 was launched by CEE in India - at Delhi and Ahmedabad, with UNESCO functionaries and government officials of India participating - September 2016.
Centre for Environment Education (CEE) was established in 1984 as a Centre of Excellence in Environmental Education of the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India. CEE's work spans throughout India working in all major languages in a number of thrust areas.

CEE's primary objective is to improve public awareness and understanding of environmental and developmental issues with a view to promoting action for the conservation and sustainable use of nature and natural resources, leading to better quality of life. To this end, CEE develops innovative programmes and educational material, and builds capacity in the field of environmental education and education for sustainable development. It undertakes demonstration projects in education, communication and development that endorse environmentally sustainable attitudes, strategies and technologies. CEE is committed to ensuring that due recognition is given to the role of education in the promotion of sustainable development.

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