

## Sustainable Development Concerns Youth

A group of 11 students and 2 faculty members from the Mahindra United World College of India (MUWCI) visited us here at CEE, Ahmedabad! The Mahindra United World College of India (MUWCI) is one of 13 United World Colleges. This year's batch of students is 200 strong.



MUWCI students enjoying the CEE campus.

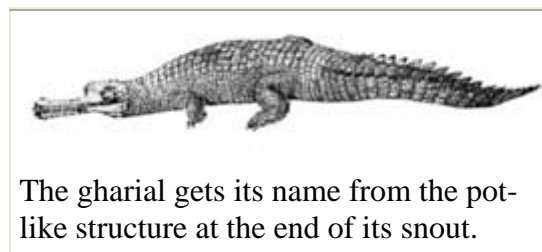
The MUWCI students participated in an interactive week long programme designed and conducted by the CEE team from 14 November to 18 November. A lively interaction with young members of CEE who introduced the institution's programmes set off the discussion on aspects of sustainable development, the role of education, and on their vision for a sustainable world. Armed with ideas, the MUWCI visited institutions in Ahmedabad who work with the urban poor, women's groups and youth groups for some hands-on understanding of the challenges involved. A photo/video-documentation on the 'Voices of Sustainability' allowed them to represent their ideas and learning from the various people they met. These projects will be made available online via the SAYEN website to contribute to the ongoing global

## Nature Tours for CFP Schools

CEE North under the Children Forest Programme (CFP) has been conducting nature tours for schools in Lucknow district, Uttar Pradesh. The nature tours are conducted in Kukrail Forest Reserve which is also famous for the Gharial Rehabilitation Centre.

The CEE team began nature tours for CFP schools from November and these will continue till January, at the end of which the team will have covered more than 45 schools. From each CFP school a group of 60-70 students from classes 5-10, with 3-4 teachers, participate in the nature tour.

The tour begins with educational activities to help students understand forest and biodiversity conservation. A discussion on medicinal gardens sets off the nature trail in the reserve. On the trail, students explore the rehabilitation centre housing three key freshwater reptile species, that is, gharial, crocodile and turtle.



The gharial gets its name from the pot-like structure at the end of its snout.

The features of reptiles, their habitat, threats and the action taken to conserve them are some of the things discussed during the visit. The trail is followed by a round of activities to help appreciate the use of our senses in exploring the wonders of nature. A quiz, based on the information given throughout the tour, keep the students on their toes. Feedback and prizes for those who win the quiz, and it's a wrap!

## Management students learn pollution-

dialogue on the issue. For us, it was an opportunity to sharpen and remodel the ways we work with the youth.

### **CEE and the NEAC programme**

National Environment Awareness Campaign (NEAC), a national programme of the Ministry of Environment and Forests (MoEF) aims to create environmental awareness across the country and inspire citizens to participate in the protection of the environment .

'Forests for Sustainable Livelihood', the theme for the 2011-12 NEAC programme, is aimed at sensitising citizens about the importance of forest conservation. Some of the components under this theme include protection to sacred groves, promotion of bio-farming, promotion of the use of eco friendly and organic products, revival of traditional herbal remedies, promotion of alternate energy sources, to name a few. The theme is important considering the United Nations General Assembly declared 2011 as the International Year of Forests to raise awareness on sustainable management, conservation and sustainable development of all types of forests.



Awareness rallies are a good way to spread the message.

As part of NEAC, participating agencies which included NGOs, schools and colleges, community organizations and government institutions from across the country submitted proposals to promote

### **control technologies**



Management students at Common Effluent Treatment Plant (CETP) at Naroda.

Industries often require environmental managers to ensure that environmental 'obligations' are met and rules and norms are adhered to. Various management organizations have also included environment management as a core subject in the syllabus and provide training to students through industrial visits.

Students of Times Business School in Ahmedabad visited the Common Effluent Treatment Plant (CETP) at Naroda, with the help of CEE. The Naroda Enviro-Projects Ltd . is a no-profit no loss registered company in Naroda treating waste water from more than 200 industrial units. During the visit, students were familiarized with the concept of Effluent Treatment Plant and waste water treatment technologies. Darshana Patel, Programme Officer at CEE helped students understand the working of CETPs and related environmental issues.

Such visits are regularly conducted by CEE's Information Facilitation Centre (IFC).

### **Hand washing campaigns in 300 SAAAF schools**

CEE Andhra Pradesh is conducting the Sanitation Awareness, Assessment and Action for Schools (SAAAF) campaigns in

awareness and initiate action for the conservation of forests. Awareness activities proposed included workshops, rallies, exhibitions, street plays and *padyatras*. Some other proposals were plantation drives, demonstrations of bio-farming, creation of biodiversity registers, plantation of indigenous species and creation of seed banks to name a few.

For NEAC 2011-12, CEE was associated with the campaign in the capacity of a Centre of Excellence. CEE representatives worked with 21 Regional Resource Agencies (RRAs) located across the country and helped scrutinise about 9000 proposals received by the RRAs. The shortlisted proposals were recommended to the regional committees. This initial round of proposal scrutiny was followed up by the 4 regional committee meetings. In the capacity of a member in these regional committees, CEE representatives helped in the final short listing of proposals for the sanctioning process.

### 3rd ESD Network Meeting in India

The Education for Sustainable Development Network meeting was held in India from 8-12 November. The meet began with an ESD Seminar at Bharati Vidyapeeth Institute of Environment Education and Research at Pune, Maharashtra. CEE members actively participated in the meet. In the opening session, Mr. Kartikeya Sarabhai, with a focus on ESD in the Indian context, spoke about the 'whole school approach' being adopted by Indian schools. He shared several examples of the 'whole school approach' experience.

On 12 November, at the concluding day-long seminar at Delhi on 'ESD: Understanding Present Trends, Pedagogy and Challenges', Mr. Sarabhai highlighted that the 'Year of Germany and India cooperation 2011-2012' brings a number of opportunities for mutual sharing of experiences, and that the ESD Network meeting in India symbolizes our global

300 schools of Medak District. As part of the programme, hand washing campaigns were launched on 24 October at Kandi Primary school, SangaReddy by Mr. Hari Jowhar Lal garu, Additional Joint Collector, Medak. Campaigns in schools were organized from 3 November to 19 November.



Parents participating in hand washing camp.

Three cheerful mascots did their bit for the programme's objective, which is, teaching children the value of washing their hands. The campaign involved awareness activities and soap collection activities. Students brought a soap from their homes or from their neighbours'. The soaps were collected to be used to maintain personal hygiene in their schools. The incentive is a 'Best School Award', entries for which began on 14 November.



Don't forget to scrub between the fingers!

commitment. He also spoke about using ESD at various levels to engage concerned stakeholders for effective action. Ms. Sanskriti Menon moderated a session on 'Competencies for transforming Environment Education to Education for Sustainable Development' at the seminar in Pune. Dr. Kiran Chokkar also moderated a session during the seminar held at Delhi.

The ESD Network consists of organizations from four countries including Germany, South Africa, Mexico and India. CEE is one of the network institutions from India along with Bharati Vidyapeeth Institute of Environment Education and Research, The Energy and Resources Institute, National Council of Educational Research and Training, and Ministry of Environment and Forests. The network is being facilitated by GIZ which aims to strengthen the global perspective and impact of ESD by building an international expert network.

The workshop at Pune discussed the feedback for the 'Training of Trainers Module' conducted by each country and the module plan of the 'Leadership Training Programme'. Based on the discussion and feedback, the modules for both the programmes are being revised for further use in the respective countries.

### **Nature Education Camp at Knuckles Forest Reserve, Sri Lanka**

CEE South's Outdoor Education Team and the students of Delhi Public School, Bengaluru camped out in the World Heritage Forest Reserve of Knuckles in Sri Lanka. As part of the ongoing credit course on Tropical Forest Ecosystem and Climate Change, the four days of the camp were spent understanding forest ecology and ecosystems, the need for wildlife conservation, and getting up, close and personal with the flora and fauna of the reserve. Led by Manjunath K.S and Pragathi Badarinath from CEE, the students at the camp discovered and discussed ways in which they could participate in

### **Environmental Education Workshop at the Royal Botanic Park, Bhutan**

Meena Nareshwar and Mamata Pandya of CEE conducted a two day workshop on 'Environmental Education Needs Assessment – Linking Schools to Royal Botanical Park', at the Royal Botanic Park, Lamperi, Bhutan, on 4-5 November 2011. Organized by the Nature Recreation and Ecotourism Division (NRED), and funded by Bhutan Trust Fund for Environmental Conservation, the workshop was attended by teachers from schools within Thimphu and Paro.



Teachers identified numerous curriculum-linked teaching opportunities in the Park.

The workshop helped identify the environmental education needs of the schools. Through group work and brain storming sessions, relevant educational activities linking themes and concepts in the syllabus to the Royal Botanical Park, Lamperi were developed. An action plan to implement the programme was also devised.

As Sonam Choden, Senior Forest Officer with NRED put it, "The workshop outputs will be used to develop Educators/Teachers Manual for the park, which will help both park staff and teachers in implementing the program. The park provides an ideal venue to impart environmental education to students and there are so many resources in the park which can be used for enriching teaching and learning experiences for

conserving the tropical forest which is a biodiversity hotspot. Sigiriya's Lion's Rock and spotting elephants, langurs, monitor lizards, and many endemic birds in Minneriya National Park were the other highlights of the camp.



Time to stop and stare!

### **Hygiene Education Camp for Girl Students**

CEE South's Outdoor Education Team is working on 'Accelerating Girls' Education for the Pre-matriculation Girls' Hostels', a programme of the Social Welfare Department, Government of Karnataka and UNICEF. Designed to improve learning environment, the programme promotes holistic sanitation and implements a health and hygiene educational package in 309 pre-matriculation girls' hostels.

After training the Social Welfare Officers and the Wardens, the team has now successfully completed hygiene education camps for around 1875 pre-matriculation students from 4 districts of Karnataka, in 3 phases. The third phase of the camp was held on 11th – 13th November in all the 5 taluks of Raichur District. The camp emphasized, among others, hand washing, personal hygiene, menstrual hygiene, water auditing, proper utilization of water, sanitation, first aid for diarrhea, preparation of ORS, village survey, and proactive participation in local governance.

teachers, students and park staff.”

Besides teachers from various schools, the workshop was also attended by officials from the funding organization, as well as members of the World Wildlife Fund, Royal Society for Protection of Nature, Ministry of Education and officials from Department of Forests and Park Services.

### **Paryavaran Mitra at the 6th National Teacher Science Congress**



Teachers at CEE stall.

CEE North was invited by the Institute of Environment and Sustainable Development (IESD), Banaras Hindu University (BHU), Varanasi for the '6th National Teachers Science Congress' from 8-11 November. More than 300 teachers from all over India, 200 students and young visitors from Varanasi attended the Congress.

CEE North, as part of its association with BHU, was invited to exhibit the variety of educational material generated by CEE with a focus on briefing teachers about the Paryavaran Mitra programme. CEE North team set up a stall on CEE publications. A stall was also set up as an activity corner, which needless to say, drew in the crowds at the Exhibition. The CEE team facilitated interactive sessions with teachers and local school students on the Paryavaran Mitra programme. A short film on Paryavaran Mitra programme was screened and teachers were also introduced to the implementation of the programme.



Inauguration of the camp by Mr. Mohammed Yusuf, the Executive Officer of Zilla Panchayat, Raichur, by watering the plants in the hostel.

The team that led these hygiene camps included Manjunath K.S, Pragathi Badarinath, Renuka B.S from CEE, and other 11 volunteers from various colleges such as Dr. Ambedkar Institute of Management Studies, CMR Institute of Management Studies, Gautam College of Science, The Oxford College of Arts, and others.

**Paryavaran  
Mitra**  **HAND PRINT**  
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