

A Selection of Education Reports : Climate Change and Biodiversity

Wildlife Week - VOC Park Zoo, Coimbatore

VOC Park Zoo celebrated wildlife week and International Year of Biodiversity at the campus on 14 October 2010. ZOO was invited to give a short education programme by using the biodiversity and climate change education packets. About 40 students from 10 corporation run schools studying 6-12 classes attended this programme with their teachers. Dr. Perumalsamy, Director, in his inaugural address welcomed the school students and the teacher coordinators. He also thanked Zoo Outreach Organization for helping the programme by providing an educator plus education materials.

ZOO educator started the programme with a brief talk about wildlife week history and how long India has been celebrating this mega event trying to create mass awareness among the public about the importance of protecting our biological diversity. He gave detailed information about Indian biodiversity such as geography and biomes, forests, species diversity both for India and Tamil Nadu, endemic species, threatened species, biodiversity hotspots, Protected Area Network especially about Western Ghats and International conventions. Before the talk, the students were asked to hear this talk very carefully because at the end of the programme some of the questions were asked which is framed for on the spot quiz competition. Three winners were awarded with prizes.

Then ZOO education packet on "Save Biodiversity! & beat the heat! LIVE MORE SIMPLY" was introduced. The fable about The Green house Gas Guardian and the Green House Gas Ghost were read by the students. By reading this the students understood very easily the term Global Warming and reasons for that. They went through all the materials-the five kingdoms of life cards, various stickers, animal placard, mask (Gandhi Spectacle), arm band, live more simply book let, what you can do to live simply and drama card. From the booklet they understood what is biodiversity, what is climate change, how are biodiversity and climate related, the effect of climate change on species, kingdom of life, important facts about different species including invertebrates and vertebrates and how lead our life as simply as Father of Our Nation Mahatma Gandhi. Then the list of International and National organisations are striving to work to save global biodiversity were told.



Future biodiversity and climate recovery saviours



Corporation school students wearing masks and holding animal placard of ZOO's Live More Simply packets

Then students were asked to wear the spectacle mask like Mahatma Gandhiji wore one, tied the armband with the slogan save biodiversity and hold the different placard which has different endangered animal pictures. Then students took an oath to save biodiversity administered by the Zoo Director. At the end the students went through the booklet "What you can do to live simply" suggestions to take this programme as chance to change their attitudes and behavior and become part of solution to save our biodiversity. Prior to this, with the order from Corporation Education Officer, an essay writing and elocution competition were conducted on the topic climate change, threatened birds

and habitat loss. Forty schools were participated from 6-12 std. The students were awarded with prizes by Corporation Commissioner, Mayor and Deputy Mayor at the end of this programme. The programme was coordinated by Ms. G. Anandhi, Biology Teacher, Corporation Girls Higher Secondary School, Renganathapuram, S. Karthikeyan-Siddhapudur, Mr. Srinath-Ramalingam Colony and Saravanan-Kovilmedu Corporation Schools. The prizes were donated by Dr. Perumalsamy, Director, VOC Park Zoo. **Submitted by: R. Marimuthu, Education Officer, Zoo Outreach Organization. Email: marimuthu@zooreach.org**

Report on Wildlife Week 2010

In our school 'Wildlife Week 2010' programme was organized in 3 parts.

1. Distribution of Mask, sticker etc.,
2. Drama on Biodiversity and Climate change
3. Visits to Apiary centre, Nasik and Nursery of Y.C.M.O University – Nasik.

On 2nd October 2010, the Birth Anniversary day of Mahatma Gandhi, students came in simple 'Khadi' wears. A student wore Gandhiji's costume with Charakha presenting on the stage. At this time sticker of 'LIVE MORE SIMPLY'. After this Environment teacher and well-known wildlife photographer Mr. Anil Mali, explains the importance of Biodiversity and climate change.

Our Nature Club members with the help of masks made a small drama and gave the message about biodiversity loss and climate change.

In the Wildlife week our nature club students also visited to Apiary Centre of Nasik where Dr. T.B. Nikam sir explained the importance of Honey bees in biodiversity, and agriculture. After this we also visited to Agriculture Department and Nursery of Yeshwantrao Charhan Maharashtra Open University of Nasik where Dr.



Drama on climate change and biodiversity conservation by using ZOO's drama kit

Ravsahab Patil (Senior scientist) and his team explained and guides about Nursery and Agriculture.

For this programme our school Head mistress Mrs. Gaidhany S.S., Teacher Mrs. Jadhav L.M and all teacher are present. With the help of vote of thanks event was over.

We request you to give more opportunities to do work with Zoo Outreach Organisation for Wildlife & Biodiversity Conservation. **Submitted by Mr. Anil R Mali, Environment Guide Teacher, Nasik, Maharashtra.**



Students wearing khadi dress and cap holding Live More Simply stickers with charakha (spinning wheel) in front urging people to follow Gandhian way of living to mitigate climate change impact

Wildlife Week Report 2009

APOWA Celebrated Wildlife Week with Climate change education

On 07 October 2009, APOWA arranged a programme on Climate Change and YOU for school children. An activity was organized for 25 students from different schools. The 'Living with Climate change' packet of booklet, games, and masks were used in the programme. This activity helped participants to understand Climate Change and the need for attitudinal and behavioral change. The programme was end with a film show on climate change. **Submitted by: Mr. Bijaya Kumar Kabi, Odisha. Email: mail@apowa.org**



Children with Climate change masks

Wildlife Week celebration in K.N.P. College of Veterinary Science

KNP Nature Club, Shirwal celebrated wild life week from the 1 to 7 October. The first day started off with inauguration of the week long function by the Associate Dean of KNP College of Veterinary Sciences.

On the second day a well known environmentalist in Pune circles, Deepak Sawant, talked about Global warming, climate change and a short but interesting presentation on butterflies of India. The day ended with a small question answer session.

Submitted by: Kapil Jakar, Shriwal, Maharashtra, Email: kapilvet@gmail.com

Climate Change Workshop at Adayar Poonga at Chennai

A workshop on Climate Change, Global warming and Ozone depletion was conducted on 9 September 2009 at the Adyar Poonga premise by the Pitchandikulam Forest Consultants, Auroville, as an orientation towards wildlife week celebrations. Forty-eight students and three teachers from three Chennai schools: St. Antony's Girls' HSS, PS Hr. Sec. School and Raja Muthiah Boys' Hr. Sec. School, participated in the workshop which comprised of a Power-Point presentation on Climate Change and Global Warming presented by Cyril Rufus. This presentation included effects of global warming and climate change on biodiversity. This was followed by the do's and don'ts that students can follow to get rid of rising environmental issues like use local, think global. As an activity relating to the ecological footprint, students were asked to assess the amount of fuel burnt and electricity spent in their daily lives. **Submitted by: Mr. Cyril Rufus, Chennai, TN. Email: cyril4112@yahoo.co.in**



Students were taught do's and don'ts to reduce global warming

Climate Change and 2010 Save Biodiversity – Frog- Moving from Words to action to Eco Task Students at Rani Meyyammai Hr. Sec. School, Chennai

Participants: Rani Meyyammai G.H.S. School & Sri. RKM Sarada Vidyalaya Model HSS.

Report

The day's programme began with the elucidatory section on the condition prevailing now. All the participants enthusiastically responded by adding points on various types of pollution, deforestation, ozone layer depletion, global warming and Climate Change. Gradually, the resource person Mrs. Jessie Jeyakaran, Member, International Zoo Educator Association, Switzerland introduced the meteorological Centres and their location in India with the pictorial chart. The various types of work undertaken in these centres were also

explained. She differentiated between temperature, weather and climate and also explained with the weather chart prepared from the weather report printed in the Hindu. The educational packets on 'Living with climate change' sponsored by Zoo Outreach Organisation were distributed to the teachers. This packet includes a mask on air, Cyclone, thunder, green house gas, guardian, green house ghost along with a rakhi, two game boards on weather protection and guess the gale, which explains the self protection and the various types of wind based on the speed in Beaufort Scale. A guidelines initiating the students for behavioural shift in green house gas control was also explained and instructions were given. Evaluation sheets on Climate change were circulated among the students. **Submitted by: Jessie Jeyakaran, Chennai. Email: Jessiejey@rediffmail.com**



Students who took part in the climate change education programme

Report on the Programme "Living with Climatic Change" At Science Centre, Pilikula Nisarga Dhama, Mangalore conducted on 24.10.09

A programme on 'Living with Climatic Change' was conducted at Science Centre Pilikula Nisarga Dhama, Mangalore to the randomly selected high school students of the Schools of Dakshina Kannada District of Karnataka. A total of 120 students participated in the program. Among them 19 were from Kannada medium and rest from English medium. The Kannada medium students could speak in English.

The students were asked to fill in the part I of the evaluation sheet given by Zoo Outreach Organisation before giving the kit designed by Zoo Outreach Organisation, Coimbatore. Most of the students were aware of Climate Change and they ticked **Yes** only. A few students were not aware of one or two things of part I. Some of the students even mentioned what they could do to reduce the global warming.

After filling the Part I, the Zoo Outreach kit was given to the students and the story of Greenhouse Gas Guardian & Greenhouse Gas Ghost was told to the students. Then the students were asked to fill the Part II of the evaluation sheet. After listening to the Fable, the response from the students was very good and they answered the Part II of the Evaluation sheet correctly.

The students then were asked to wear the masks given and were requested to

spread the message in reducing the Greenhouse Gas emissions and contribute to the efforts of reducing the damages of climate change.

Dr. Ramakrishna Marati, Mr. Mohan, Dr. Jayanth, Mr. Madhusudhan and Mr. Kishore helped in conducting the programme which was appreciated by one and all.

Thanks are due to the Zoo Outreach Organisation Coimbatore for helping us in conducting the programme which was appreciated by one and all.

Submitted by Dr. K. V. Rao, Director, Pilikula Regional Science Centre, Mangalore, Karnataka. Email: kurao_44@yahoo.com

Wildlife Week 2009 & Climate Change

The Conservation of Nature Society and the Dolphin Protection Committee, Kozhikode organized the Wildlife week from 2nd to 8th October in the city and Wayanad area in a vast manner.

The Society Secretary Sri. Ashok Putiyan inaugurated the weeks programme with handing over the Amphibian Poster to the Vice-President of the society Sri. Suresh in the Society's office on 2nd October 2009. The day was in the office

On 5 & 6 October programme was held 'Living with Climate Change' for school students & teachers as per the guidelines. 20 students were interviewed in the school.

Also on the 5th October 2009 a programme was held The Climate change materials were used for the

Panniyankara (model) high School students in Calicut as per guidelines.

The programme was used on 8-10-2009 also the day were we had arranged some wildlife programme. The effect the climate change had on wildlife especially Elephant & Amphibians were discussed.

The story had a good effect on the students. They were English speaking. Many students had heard the word 'CLIMATE CHANGE' but not many who after the programme understood some teachers had also participated in the programme.

Surprisingly the students were more anxious about the story 'climate change' and they understood the same and asked many questions than the teachers. Some girls students gave full right answers to the questionnaire after the survey.

The boys were more interested in mobile phones, luxury cars and bikes and not bothered about climate change but the girl students opinioned they want to prevent and do something towards the climate change. The survey-study revealed such an interesting factor.

Some students opinioned that, the felling of trees effect the 'Climate' very much many times by the authorities itself. The participants thanked Zoo/ Wild & all the sponsors for the materials.

The Kerala Forest Department during the Wildlife week informed that due to the continuous awareness conducted by the society with ZOO materials they are planning to put up huge boards in the Thamarassery Ghats as to stop feeding of monkeys. **Submitted by Mr. Vinod Kumar Damodar, Joint Secretary, Conservation of Nature Society, Calicut, Kerala. Email: mspca3@live.com**

Tata Steel Zoological Park Campaign for protecting climate and environment

Various hypotheses for human induced climate change have been argued for many years. Presently the scientific consensus on climate change is that human activity is very likely the cause for the rapid increase in global average temperatures over the past several decades.

Consequently, the debate has largely shifted onto ways to reduce further human impact and to find ways to adapt to change that has already occurred. Of most concern in these anthropogenic factors is the increase in CO₂ levels due to emissions from fossil fuel combustion, followed by aerosols (particulate matter in the atmosphere) and cement manufacture. Other factors, including land use, ozone depletion, animal agriculture and deforestation, are also of concern in the roles they play – both separately and in conjunction with other factors are affecting climate.

Unsustainable consumption patterns of the rich industrialized nations are also responsible for the threat of climate change. Only 25% of the global population lives in these countries, but they emit more than 70% of the total global CO₂ emissions and consume 75 to 80% of other resources of the world. In per capita terms, the disparities are also large: an Indian citizen emits less than 0.25 tons of Carbon per year whereas a citizen of the USA for example, emits more than 5.5 tons. Scientist's worldwide have emphasized

the need for an equitable and efficient solution to climate change and suggest that efficiency can be obtained through a system of tradable emission quotas and equity through equal allocation of global environmental space to all human beings. These findings were also well received by developing countries and are echoed in the UNFCCC, which recognized the rights of developing countries to economic development and also the "common but differentiated responsibilities" of different countries.

Indians should be concerned about climate change since this phenomenon might have substantial adverse impacts on them. Not all possible consequences of climate change are yet fully understood, but three main 'categories' of impacts are those on (i) agriculture, (ii) sea level rise leading to submergence of coastal areas, and (iii) increased frequency of extreme events. Each of these poses serious threats to India; however, these are long-term issues. The overriding immediate concern for India should be the fast pace at which negotiations are taking place on the climate front. India's main energy resource is coal.

With the threat of climate change, India has been called upon to change its energy strategy based on coal, its most abundant resource, and to use other energy sources (e.g. oil, gas, renewable and nuclear energy) instead, which may turn out to be expensive. Thus, an immediate issue is to come up with a better negotiation strategy such that we have more

freedom to decide which type of energy we use, how we generate power, how to reduce methane emissions by agricultural practices or forestry and so on. Negotiations are important for us as a means to reduce or postpone future vulnerability by getting the developed countries to reduce their emissions. Keeping in view of the current development worldwide, the Tata Steel Zoological Park in association with the Bharat Scouts and Guides organized a day long campaign for a cleaner and greener Jamshedpur and India on 1 November 2009. One hundred-and-fifty students drawn from schools in the city, their teachers and officials of the Society took a 3km walk inside the Jubilee Park campus to generate awareness among the morning walkers, joggers and the general public on the ways and means to stop carbon emissions, plant more trees and conserve the nature fauna of the Park.

Later in the day the students were provided with a questionnaire "Living with climate change" - an evaluation form for gauging their general knowledge on climate and factors that are influencing its change. Masks provided by the Zoo Outreach Organisation were also provided to the students. We are thankful to our sponsors Mr. K.N. Venketachallam and Zoo Outreach Organisation for helping us organize this small initiative.

Submitted by Prabhat Pheri and S.K. Mahato, Tata Steel Zoological Park, Jamshedpur, Jharkhand.
Email.skamahato196@rediffmail.com



Students who participated in the Wildlife Week programme wearing masks

REPORT OF OASIS Activity for 2009

This year OASIS had tied up with Rotary Club and worked with schools on Global warming and climatic change and the inconvenient truths of the same. Activities that were held were as follows: Second week of September-orientation to college interns of IES college for scripting, preparing a PowerPoint and training a set of students on GLOBAL WARMING THE LAST WARNING for getting them to present at the LEELAS hotel (Report of Ms AtilaD'Souza).

Presentation of the skit at the Leela's. Third week of December activity with school students on the Global warming with Zoo Outreach materials, orientation, practice at school, practice at venue and public performance at Carter Road, Bandra. Activity by sterling college students at a school with inputs from Zoo Outreach materials. "GLOBAL WARNING THE LAST WARNING" event was held on the 13th of September in Andheri, at the Leela's. There were around 300 people. Once the children arrived, in those fractions of 5min (I mentioned fraction because the world at that time seemed to be really very small and tensed) everything was put to place. We had them informed that the music wasn't playing so they themselves will have to give the effect... Many of the props were missing so they will have to adjust for the same.... there is time constraint (no time actually) so make it fast... and so on. (However to place on records, they didn't have that single moment of frustration neither irritation on their faces.... an act I personally would immensely like to appreciate). Ms. Harsha started off with those few words on global warming and there were we already engrossed in something that so naturally came to us like as if we have been doing this for years. In one line if I had to mention - At every change of slide there one heart beat put back to place!! This is where I would like to place my thanks to Dr. Puja madam and Vijay sir for creating that sense of firstly belongingness to this particular event and secondly for having us rehearsed every single slide (where even a word mattered so much for madam) without which this wouldn't have come to us so naturally!!!

The skit continued with the effect of the projecting slides however was also accompanied with that little jittering talks and smiles by the audience. Having put all our concentration on the entrance of the slides during the skit I would be lying if I would say that our attention didn't go to the skit itself. I think the best performer of the skit,



Students public performance creating awareness on Global warming

undoubtedly was Khushaal with his enthusiastic act on the methane monster, overwhelming everyone: also it would be unfair if I were not to mention the host for the day, Miss Tanvi who by her cheerful appearance had the audience attention. The skit was over, there was a huge applause, there we praises exchanged by every single person sitting there, we were really acknowledged for the fact that the skit with the power point presentation had the Global Warming the Last Warning concept all said in actions. Harsha madam concluded providing details of their future contribution to save the earth.

The people who once had that quirky look when we had entered...had now turned to us and congratulated us for the effort put forth. This was a huge moment of success to be cherished for the rest of my life!! I would first like to thank OASIS and Puja madam for giving us this opportunity, secondly the children for their effort and hard work put forth and last but not the least my own group members from IES MCRC.
Report by Miss Atila D'souza, Management student of IES MCRC, intern of the OASIS group

Global warming

On 07 December 2009 we went through the available tasks and studied with the help of Mrs. Pooja Sukhija. Then we formation or group with interested tasks and the above group of 9 people was formed in the interest of making students aware on Global Warming. We selected students of 6th and 7th class for the event so that they could deliver the knowledge further.

Global warming. We had taken a separate block for presenting Photo gallery and we decorated the walls with

banners presenting reasons and measures to be taken to control Global warming. Our Photo gallery included 15 banners, each consisting 9 attractive pictures in it. This was a contest where we distributed 'game board weather protection and guess the gale cards' to every student. The card had matched the items and outrun the weather game related to global warming. After that we asked every student to write a poem of four lines by their own on global warming, among those some students were rewarded with attractive prizes for their poems. Here, we showed some videos to the students on global warming, which was very effective.

To conduct the activities in a smooth flow and effectively we divided the number of 300 students into parts. We had students of two classes 6th and 7th, each with four divisions A, B, C, D therefore we conducted all four activities separately for each division that is eight times. To conduct the event a good amount of fund was needed, which we got it from one of our group members Krinjal Paramar. All other group members would like to thank her and her family for their support and being so environment concerned. We got very good response from students about the activity.

Special activities: During the power point presentation, video presentation and the games session we asked questions to students to test the efficiency of presentation and knowledge of students and every student with right answer was motivated with gifts like chocolates.

We worked with OASIS for 15 days, and it was a pleasure to work with. We would like to thank Mrs. Puja Sukhija



Students performing a skit performances on Global Warming

for the support that we got from her. For any work to be done efficiently people need motivation, especially Social works and she is a good example of an efficient motivator and a good leader.

Mrs. R. Bommakkal, the Headmistress Govt. Girls Higher Secondary School, welcomed and presided over the function. Mr. S. Arulnathan briefed about the International year of Biodiversity. All the 30 students

Second thing that we got from OASIS is being concerned to environment and its importance in future and use of educative materials for promoting the awareness to combat global warming.

Report by Sterling College Interns.
Submitted by: Ms Anita More, Office Coordinator, OASIS, Mumbai, Maharashtra. Email: info@oasisngo.org

Wildlife Week on 12.10.2010 at Govt. Girls Higher Secondary school, Villiwakkam, Chennai

It was a joyous day for the 30 students of Government Girls Higher Secondary School, Govt. High School and Singaram Pillai G. H. S. School Chennai to attend the wildlife week programme. This is the initiation of the B.Ed. teacher – trainees who xxx programme on O₃ day 2010 in their college. Prof. Arulnathan, of CSI Bishop Newbigin College of education co-ordinated the programmes.



Students at the save biodiversity and beat the heat education programme

received the free education pockets supplied by Zoo Outreach Organisation. As the school campus is of green corners here and there they were asked to observe and list out the living organism. The list was so long with uncontrollable enthusiasm and interest. The inmates of the school came with the rare species that have visited the campus earlier. This introductory session has lead them to know more about.. Save Biodiversity and Beat the heat. Live More Simply. The paper spectacle on global warming and green house effect attracted them... the instructional cards on 5 kingdoms made them to learn the subject easily. The Placard and the stickers on LMS – have changed their mood and initiated them to go through the way with which Gandhiji ... the father of our nations had lead wondered and appreciated the ratio of the living things in a circle and tried to reproduce the same idea in other subjects too. Thanks to Ms. Sally Walker, and the family of ZOO for their efforts which have initiated the minds of the little children to innovate new ideas. They separated the Do's – they have undertaken already and listed out the expected do's. The programme came to an end with much of the things to be followed. **Submitted by Jessie Jayakaran, Chennai. Email: jesseyjey@rediffmail.com**



Students taking oath wearing LMS materials

WILD LIFE WEEK CELEBRATIONS

The Bioresources Management Division of Thiagarajar College organized a special programme on account of Wild Life Week celebrations (I week of October). Dr. B.A. Daniel, Scientist, Zoo Outreach Organization, Coimbatore, delivered a lecture on Biodiversity and Conservation. He narrated the story of formation of earth, origin of life and the explained how a single organism gave rise to the rich diversity of organisms. The living organisms are classified into 5 kingdoms, viz., monera, protista, fungi, plantae and animalia and each group has diverse organisms. The international scientific community has described over 1.5 million species and they estimated about 30 million species are present which man even do not know. India is a mega biodiversity country which is rich in biological diversity with Western Ghats and North Eastern Himalayas as hot spots. Due to anthropogenic activities the climatic pattern changes erratically which in turn drastically reduce species diversity, he expressed. He emphasized that man is a just a species among millions of species and we should keep always in our mind when we disturb the environment. As a measure to save the environment, he advocated simple living by quoting Mahatma Gandhi as an example. He emphasized that Gandhian principle and his way of life would definitely helpful in conserving the biodiversity.

In the second session, Dr. Daniel, distributed environmental educational kits produced by Zoo Outreach Organization to the participants and explained the usage of the kits in practice. He requested the students to educate and create awareness among the public especially children using the kits. All the participants finally took oath to save the biodiversity

Dr. R. Sekar, Dean, Research and Development of the college presided over the function. In his presidential address, Dr. Sekar, quoting man-animal conflict happened in Tirupathi in recent past and the death of seven elephants hit by a train, stressed the importance of conserving the habitat loss. **Submitted by: Dr. N. Arun Nagendran, Dept. of Zoology and Microbiology, Thiagarajan College, Madurai, TN. Email: narunnagendran@yahoo.co.in**

'Live More Simply' to Save biodiversity and beat the heat

Training on Habitat Management and Wildlife Conservation was conducted by the Wildlife Areas Development and Welfare Trust in association with Assam Forest School, Jalukbari, Guwahati from 28th to 30th October, 2010.

First two days were invested on Habitat Management principles for wildlife conservation and the last day was dedicated to Climate change and its ramifications. A number of 57 foresters were the trainees from different forest divisions of Assam. The training was conducted at Assam Forest School and Assam State Zoo. Dr. Surajit Barua, State Coordinator of Assam and Arunachal Pradesh of WWF-India presented global scenario of climate change and Dr. Jihosuo Biswas of Primate Research Center gave emphasis on the local climate change scenario. After regular lecture several activities related to climate change were carried out with the materials developed by Zoo Outreach Organization. In this programme two volunteers from CEE- North east also took active part. We thank Zoo Outreach Organization for providing the educational kits. **Submitted by: Jayanta Das, Assam. Email: gibbonconservation@yahoo.com**



Foresters playing climate change games with spectacle mask

Wildlife Week 2010 – Save Biodiversity and Beat the heat – LMS Report

During the Wildlife week 2010 one day programme was conducted to 30 National Green Corps teachers of Madurai at Capron Hall Girl's H.S.S on 06th October 2010 with free educational packets on Save Biodiversity and Beat the heat – LMS supplied by Zoo Outreach Organisation, India.

Mrs. Leela Manohari, Headmistress welcomed the participants and Mr. A. Henry Correspondent delivered the special address on Wildlife. Mrs. Jessie Jeyakaran, Member, Zoo Educators Network described about Biodiversity and how to beat the heat by living more simply and distributed the packets to all.

Session: I The participants appreciated the cover page of the packet which seems to be much relevant to the theme. The stress on the title MORE itself shows that the teacher and the

taught must contribute more in action instead of words. The importance of biodiversity and its kings were explained which was followed by five kingdoms with instructional cards and from the booklets. The participants were able to understand that the invertebrates are the indicators of healthy environment. The descriptions about the vertebrates are so clear to understand. Thus they enjoy knowing more about the variety of species, the circle of life has helped a lot to live more simply as care takers of the world.

Session: II Wildlife Week: After learning about the richness of the living forms the participants were asked to share about the environmental degradations and its effect. As many of them are non-science teachers a clear cut idea about diversity, its levels, global warming and climate change were dealt with. The predicted aspects of climate change and its effects on species – were read by silent reading. The facial changes

showed the way with which the participants were thrilled. After studying the cycle of biodiversity loss and climate change they came to a conclusion that 'WE' must be the change agents.

Session: III The worldwide organization like U.N, UNEP, IUCN, CBD, GEF, CITES, CD 2010 SB, UNESCO, IZE, ZOO and WILD are continuously working hard to safeguard the biodiversity around the globe. The participants callers were up to undergo a training in this banner and decided themselves to be the stewards of biodiversity with the real commitment they started tying up the hand clip with Red Cross on the right hand holding the placard on the left and wearing the paper spectacles about global warming and greenhouse effect. With the strong decision they placed 2010 – LMS (GREEN) in front and repeated the slogan Save Biodiversity and beat the heat – Save Biodiversity – Reduce Foot print – LMS.

Session: IV The participants were divided into 3 groups namely WE – Biodiveristy Loss – Climate Change. WE – After going through Gandhiji's Live more simply, Simplicity and to be the caretakers of the world they enacted on the theme, Save as a family member, student and the parents. They drafted points about how to beat the heat by greening the mind, land besides avoiding plastics and saving paper and water.

The Climate Change group planned for next 5 years by drawing 2 charts pertaining to 2010 and 2015 describing the implementation of the new technology. The Biodiversity loss group study about the richness of biodiversity in a pond and its present condition. They enacted the role play on the theme by wearing the Mask on family members, green house guardian and ghost, the sun, rain, animal etc.

During the lunch interval times the participants spread the message to the students of the same school with much interest. Environmental games on the title Heay Weight Champion and who am I were conducted. They left the campus with the future plan to spread the message to the students and the fellow teachers throughout the academic year. The days programme came to an end with the vote of thanks proposed by Mrs. Christy Jothi, District NGC Co-ordinator, Madurai. **Submitted by Jessie Jeyakaran, Chennai. Email: jesseyjey@rediffmail.com**



Climate change group spread the message to the students



The Climate change group drafted points about how to beat the heat

Wildlife Week-2010 celebrations at Zoological Survey of India, Western Ghat Regional Centre, Calicut

The Western Ghat Regional Centre (WGRC), Zoological Survey of India (ZSI), Calicut, Kerala celebrated Wildlife Week-2010, on 5th October 2010, focusing on the theme 'Biodiversity and Climate Change', by organizing several awareness programs for school students. Commemorating the International Year of Biodiversity- 2010, the highlight was on the threats faced by the living world due to the Changing Climate.

45 students from 20 schools, from both Upper primary and High school classes from schools within Calicut District, Kerala, participated in the programme. The programme kicked off with the distribution of the ZOOOUTREACH educational materials to the participants. Dr. (Mrs.) K. Rajmohana, scientist of the Centre, through an LCD presentation introduced the Focal theme 'Biodiversity and Climate Change'. The presentation also explained in detail, the content of the material regarding 'Climate Change' supplied by ZOOOUTREACH. About 25 posters which were on display also conveyed effectively the causes as well as the processes of the global phenomenon of Climate Change and its impact on the living world.

A Painting Competition was also organized on the focal theme. Current scenario including the melting of the polar ice caps, sufferings of the mankind due to environmental disasters like drought and floods, deforestation, suicide by farmers due to crop failure etc. were all portrayed excellently in the paintings. The Additional Director of the Centre, Mr. C. Radhakrishnan distributed the prizes and certificates to the winners.

However, the major attraction of this years'

celebration was a short play on the role of man and his actions, resulting in Climate change and destruction to Biodiversity. The play was staged by a team of 15 students of Azchavattom Higher Secondary School, Calicut, Kerala. The face masks in the 'Drama- kit' by ZOOOUTREACH added colour as well as depth to the characters of the drama. The play started off portraying a situation where intense heat, drought and cyclones were troubling the mankind. The storyline was as follows - the grandmother sowing some seeds of hope in children by assuring them that planting trees will certainly help them in bringing back the rich greenery, fresh air and healthy atmosphere of the good old days - the children acting accordingly - finally turning the barren land into a world bubbling with life and happiness. The special sound effects like thrashing rains, thunder storm blasts, roaring of cyclones, gusting of winds and the chirping of birds played in the background, made the environment vibrant. The play was absorbing and could successfully convey the importance of biodiversity for the well being of the mankind.

A short movie on Climate Change was played, especially for the parents and teachers who accompanied the participants, while the participants were busy painting.

The event received a good coverage through regional newspapers and local TV channels.

Thanks are due to the Zoo Outreach Organisation for supporting us in making the programme a grand success. **Submitted by: Dr. Rajmohana, ZSI, Calicut, Kerala. Email: mohana.skumari@gmail.com**



A play on the role of man in climate change and destruction to biodiversity

Report of Wildlife Week 2010

First thanks for Zoo Outreach and all organization for Biodiversity kits and educational programme.

'NEST' Nature club tried these packets are used to conduct meaningful and memorable educational experience with help of your suggestion and guidelines.

This programme was organized in Nutan Marathi Prathmik Shala, Nashik. In presence of Chief guest Mr. Niranjana Kalambkar (former Education Director, Nasik) Mr. Suresh Tadage (Principal), Mr. Anil Mali (Well-known wildlife photographer)

Starting with welcome ceremony we did the opening of 'Wildlife photography Exhibition of Wildlife photographer Shri. Mali Anil by the hands of Chief guests.

Mr. Anil Mali was explaining the importance of

Biodiversity and kits with the help of wildlife photographs which are displayed and attracted their minds towards subject of Climate Change.

After this mask, arm band, placard, bumper sticker, booklet, sticker were distributed to the students and events took place joyly.

Students also make a small drama on importance of Biodiversity and climate change. In this function total of 47 students were participated and 300 students saw the programmes and photo exhibition.

After vote of thanks programme was over. 'NEST' Nature Club. Nasik members requests you to give more opportunities to do work with Zoo Outreach Organisation for wildlife awareness and conservation programmes. **Submitted by Ojas Anil Mali, Secretary, 'NEST' Nature Club, Nasik, Maharashtra.**



Nutan Marathi Prathmik Shala students merrily wearing LMS packet materials



Participants of various organisations with ZOO's "Live more Simply" packets

Wildlife Week 2010 Celebration at BITS-Pilani, Hyderabad, AP

The wildlife Week 2010 was celebrated at Birla Institute of Technology & Science (BITS-Pilani) Hyderabad Campus in conjunction with Gandhi Jayanthi celebrations on 2 October 2010. In order to educate the students from engineering, technology, science and management streams, ZOO Outreach Organisation was earlier contacted for the wildlife week education materials. The organizers have promptly sent the "Biodiversity Loss & Climate change" education packets. The celebrations started with the students, faculty and staff offering floral tributes to Mahatma Gandhiji, which was followed by the recitation of "Raghupathi Raghava Rajaram" song by the students. Later sweets were distributed to all. Kannan Ramasamy, Faculty-in-charge, Community Welfare Division hosted the event. This was followed by the Wildlife Week celebrations. P. Sankar Ganesh, gave a talk on Biodiversity and Climate change with the presentation sent by ZOO Outreach. P. K. Thiruvikraman, Associate Professor, Department of Physics, gave a brief talk about climate change, particularly focusing on the book titled "An Inconvenient Truth" authored by Al Gore. This was followed by distribution of resource materials sent by ZOO Outreach to all participants and explained about the packet materials. After the Wildlife Week 2010 celebrations, a proposal was submitted to the Director, BITS Pilani, Hyderabad Campus, to start an "EcoClub" in the campus. The students, faculty and staff thank ZOO Outreach for sending educational materials. Sincere gratitude to all sponsors of the education packet, including 2010 International Year of Biodiversity, Chester Zoological Gardens, Conservation Breeding Specialist Group, Conservation International and UFAW. **Submitted by: Dr. P. Sankar Ganesh, BITS-Pilani, Hyderabad. AP. Email: bitsangan@gmail.com**

Ecofest 2010, Wildlife week celebrations

Prof. T.C. Narendran Trust for Animal Taxonomy and the Department of Zoology, The Zamorin's Guruvayurappan College, Kozhikode, jointly organized a quiz competition and an elocution competition for the undergraduate and postgraduate students at the college, Kozhikode, on 28th and 30th September in connection with the wildlife week celebrations, *Ecofest 2010*. Competitions were based on Biodiversity, Conservation, Climate change and Biodiversity loss. The educational materials were distributed to the students. 15 teams (3 members in a team) participated in the quiz competition and 8 students in the elocution competition (topic: Climate change and Biodiversity loss). An Intercollegiate essay writing competition was also organized in which 12 students of the various colleges in and around Kozhikode district participated. A one-day seminar was organized at the college Seminar Hall on 1st October, with invited talk by noted expert in the field of Primate Ecology, Biodiversity, and Conservation, Sri. Abdul Riyas, Head and Assistant Professor, Department of Zoology, Kodanchery Government College, Kodanchery, Kozhikode, and the Managing Trustee of Nilambur based Wild Life Conservation Trust. Sri. Riyas delivered a lecture on the values of biodiversity and conservation

aspects, with emphasis on climate change and life of mammals. Prof. A. C. Pushpalatha, Head, Department of Zoology welcomed the gathering. The Principal, Smt. A. Sreedevi presided over the function. Students actively participated in the discussion with Sri. Riyas and also took an Oath to protect wildlife and nature. Prizes and certificates were distributed to the winning teams/individuals of the various competitions. Dr. Madhavikutty, Reader, Department of Zoology delivered the vote of thanks. The event was reported by local newspapers and city channels. As part of increasing the awareness to protect wild life and to generate love towards nature, the Department of Zoology of The Zamorin's Guruvayurappan College organized a study trip for the students of Final year Zoology accompanied by the faculty members, Dr. Madhavikutty, Dr. Sudheer and Sri. Nikhil, to the Anamalai Tiger Reserve, Parambikulam Tiger Reserve and Gulf of Mannar Biosphere Reserve, Rameswaram from 4th October to 8th October 2010. We thankfully acknowledge Zoo Outreach Organization, Conservation Breeding Specialist Group, Conservation International, UFAW, and Chester Zoological Gardens for sponsoring the education packets and for joining us in making the programme a grand success. **Submitted by: Sudheer Kalathil, Zamorin's Guruvayurappan College, Kozhikode, Kerala. Email: sudheerkalathil@gmail.com**



Students are ready to play a skit on Climate change

Save Biodiversity, Live more simply

Maharashtra Samaj Seva Sangh sanchalit Navrachana Vidhyalaya, Eco club celebrated "Save Biodiversity" programme on 20.10.2010, Wednesday. This programme was held by trustee of Maharashtra Samaj Seva Sangh, Shri. Digambar Gadgil, Dr. Arul Bapat (I.F.S.) and Shri. Kiran Rahalkar (Wildlife conservation trustee).

The terms biodiversity, organism, their types, origin of plant and animals, their habit, habitats, nutrition etc, were explained by Mr. Gadgil. Variation in plant life with examples was told by Dr. Bapat plants are much important for life of Earth. "Plants can live without human being, but animals can't live without plants", this term they briefly explained. Importance of conservation and biodiversity is very important, it should be maintained. Shri. Rahalkar



Shri. Digambar Gadgil and other speakers

explained about animal diversity in brief. Out of 17th country India's biodiversity place was explained by them. All animals, their groups, variation among them and their characteristics were explained.

Documentary film on "Earth and planet", "Birds" were showed to students. Mr. Sagar Kasar and Mr. Pankaj Patil from College of Pharmacy, Malegoan were present for this programme.

Principal of Navrachana Vidhalaya Shri. Kishor Palkhedker, Supervisor Shri. Sunil Gaikwad, eco club members Mrs. Rane and Shrimati. Nikam, Shrimati. Pendharkar, Shrimati. Mali, Shri. Lohar all were present for this programme.

Submitted by Navrachana Vidyalaya Secondary, Savarakar Nagar, Gangapur Road, Nashik, Maharashtra.

Report on Wildlife Conservation Campaign (Wildlife Week 2010) by Nature's Beckon

Nature's Beckon is the oldest and largest conservation NGO of NE region. The organization had celebrated the National Wildlife Week 2010 with more than 15 programmes throughout Assam. The Guwahati chapter of the Nature's Beckon has taken-up a two days programme during the Wildlife Week. On 2nd October 2010, there was a half day programme on the need of wildlife conservation with the children of Sisugram, an orphan house of North Guwahati. As these kids of different age groups (5-15) used to go for school but hardly can get access to any extra books and other communicative instruments to know about the present

situation of our environment and other related issues. About 24 children of different age group join the programme and learned the need of wildlife through various games. We had used the educational packets provided by ZOO during this programme. On the next morning a team of Nature's Beckon travel from Amingaon to Maligaon and conduct five road side box meetings and asked people about their attitude and understanding about the issues of wildlife. During this programme about 70 people interacted with the team and we provide various posters send by ZOO and leaflets of Nature's Beckon written in Assamese language. The materials on climate change provided by ZOO and other leaflets and stickers of Nature's Beckon helped us a lot to create a mass awareness in the urban human habitation. The entire programme helped the common people to create their opinion on the most important issue of global environmental crisis. I think such programmes consist of both class room exercises like drama, painting etc. and outdoor access had made a mark to us.

Acknowledgement: I am thankful to Astha Natures Tours and Travels for their basic facilities and ZOO for the materials. **Submitted by: Rakesh Soud, Assam, Email: assam_rhino@rediffmail.com**



A kid with LMS materials

***Srikantha Balika Proudashala,
Mysore, Karnataka celebrates
World Environment Day***

We conducted climate change awareness education programme for our students. They were explained about the packet items. Then they went through the packets. Students wore the masks and enjoyed the programme. They were told about how to curb climate change by changing our life styles. Thank you for sending the things to our children. **Submitted by G. Suma, Srikantha Balika Proudashala, Mysore, Karnataka. suma.ecomysore@gmail.com**

World Environment Day celebrated at Sagar Island, Sundarbans by PUPA, Kolkata

An activity oriented awareness programme on World Environment Day involving school students, parents and community members conducted at Sagar Island, Sundarbans on 4-5 June 2011 with the materials received from Zoo Outreach Organisation. Students of Class VII & VIII from Phulbari Sitala High School, Phulbari and Vivekanada Vidyaniketan High School, Sibpu, participated in this programme. The primary objective was to find the possibilities of working together on some pilot projects on adaptation to climate change at Sagar Island with a view to achieve 'Community Development through Schools' (CDTS). Immediate objective is to involve the rural students so as to participate in global environmental movements keeping the local needs in mind. It is also aimed to select some students who may be designated in the long run as the "YOUNG GREEN CHAMPIONS OF SAGAR ISLAND". The following activities were conducted; Interaction with students: i) Informed the students about the current environmental problems, particularly Climate Change related issues and motivating them in some local actions ii) Selection of leaders (group of students) who will be motivated and given responsibility of continuing the activities in future. Interaction with the Community members: Interaction was made with the parents (mainly mothers) of the selected students keeping local environmental problems in mind. A drama was staged by the students of the Village Kachuberia (Phulbari Sitala High School), facilitated by Ms. Bipasyee Ghosh, International Climate Champion of BCL, informing the environmental problems of their own village. In drawing competition, a total of 45 Children of P.K.Ray Memorial Rural Study Centre, Sagar island (Class IVVI) were involved. Training and Installation of Solar Led lamp were conducted and it is donated by Rotary Club of Calcutta MidCity. At the end



Students are explained about climate change

saplings were distributed among the students of STUDY CENTRE, PUPA.

Acknowledgements: We are thankful to the following organization for various supports: Zoo Outreach Organisation, Wildlife Information Liaison Development, SAZARC, WAZA, International Climate Champion, British Council, Kolkata, Rotary Club of Calcutta Midcity, Sundarban Gramin Bikash Kendra, Sagar Island, Phulbari Sitala High School and Vivekanada Vidyaniketan High School, Sibpur.

Submitted by Dr. Amales Misra, PUPA, Kolkata, WB. Email: amargram_pupa@rediffmail.com



Students with illustrations depicting environmental hazards



Installation of Solar LED lamp training is given to Sagar Island students and community

Report of World Environment day -"Flora and fauna of Mumbai "

A group of 15 Eco ambassador students of a school were trained by a full team of OASIS on the subject of diversity in national parks and sanctuaries and flora and fauna of Mumbai. The training utilised power point presentations and a photo gallery.

Zoo Outreach Organisation packets were distributed and then an interactive activity was conducted by Ms. Raavi Murarka using the following method. He distributed packets from Zoo Outreach Organisation to all participants. He used the poster to illustrate the topics forest cover and one third of the earth's land and how it plays a key role in our battle against climate change, releasing oxygen into the atmosphere while storing carbon dioxide. Over 1.6 billion people depend on forests for their livelihood.

Forests are the most biologically diverse ecosystems on land and are home to more than half of the terrestrial species of animals, plants and insects. We are lucky to have a national park in the heart of Mumbai. The ABC brochure to cover these main points: it takes only a few simple steps to easily green your daily routine and make good eco-behaviour a habit, such as. a cloth bag along when you go grocery shopping; don't run water when brushing your teeth, saving 3 gallons of water every day; print only when absolutely necessary and on both sides of the paper only; Reduce! Reuse! and Recycle!; when you feel like reading, borrowbooks,

newspapers, magazines from friends or library The writer taught five kingdoms of life stressing all living organisms are assigned to a particular kingdom according to certain characteristics. They are Monera, Protista, Fungi, Plantae and Animalia. In pledge session participants wore the glasses, held the placard and promised to be an "environment doctor" saving my earth from global warming. Another pledge was to save biodiversity and beat the heat by living more simply.

Other things to do were

- to use the stickers provided where they have great visibility there by showing people how you support this cause and so should they.
- to conduct a drama through the use of the photo gallery
- to go over the pamphlet inform that you have a lot of material to read and live more simply and be greener by reducing your carbon footprint.
- to be the greenhouse guardian of Mumbai and make it greener.
- to use the inputs from these pamphlets for your school sessions for the green ideas project for the younger students who will conduct the session and give us a report.

The 15 students who will make three groups will now train 7 more groups of school students who will further reach out to 10 more schools by December 2011. They have been given a report format for their own use and for the trained students separately. **Submitted by: Shikha Shisodia, Projects Manager, Oasis, Mumbai. Email: info@oasisngo.org**



Eco ambassador students taking pledge to save earth from global warming

Climate Change and Bio Diversity by Jessie Jeyakaran

Skill development is very essential to all the youth, which could be achieved in various sources. While many of the youth from the privileged family enter the college to equip themselves, there are few institutions with the welcoming spirit to train the marginalized students from low socio-economic status besides the school dropouts. Once such institution namely the New Life Development Community College, Chennai recognized by the Government of Tamil Nadu and the distance Education Council, New Delhi train the students in DTP, DHA, Fashion design and garment making.

The free educational packets received from ZOO Outreach Organization India on living with climate change and amphibians were distributed. Step wise sessions like tying up of the rakhie, holding the placard with the face mask paved a path to enter into a new area with so much of concern. Above all the informative booklets seems to be a guideline for the follow up. Students came to know more about them and enacted short play as green house gas guardian and frogs guardian.

The following were listed out for the future program.

Climate Change - WEHAB

Water - (Water conservation game board made them to

understand more on water) - Save Water

Energy - Shift to CFL, save energy practices

Health - Behavioral shift to consume vegetables and fruits.

Agriculture - Developing bio manure pit and eco garden

Bio diversity - Creating awareness about frog.

For spontaneous answers Jason, Packiaraj and Kalaiarasi received greeting cards printed by ZOO India, along with amphibian pamphlets. All the participants whole heartedly



Gwalior Govt. college students with ZOO's education materials

thanked Sally Walker, Dr. B.A. Daniel and Mr. Marimuthu for the wonderful effort they have taken. Though few packets were distributed they volunteered themselves to take photocopies of the essential matter. The days program came to an end with vote of thanks proposed by The Principal, Mary Revathi Jesudoss. **Submitted by: Jessie Jeyakaran, Chennai. Email: Jessiejey@rediffmail.com**

Chambal Conservation Initiative, Madhya Pradesh- World Environment Day Report

World Environment Day took place at Science Hall, Gwalior with Govt. College, and Chambal Conservation Initiative, Gwalior. 'Biodiversity of Chambal Region' was presented by Sy.General, CCI about the importance of Chambal Region biodiversity for local communities. Two important protected areas, National Chambal Sanctuary, and second is proposed second home for Asiatic Lion, Kuno Wildlife Sanctuary. He also discussed in Chambal Ravines is found ravines thorn forest, one of the type of forest according to Champion and

Seth, 1968. Chambal River is only home or largest breeding population of critically endangered Gharial in India. In the Chambal River, 7 species of turtles, 240 species of residential and migratory birds and approximate 40 species of terrestrial and aquatic vegetations are present. Dr. Taigor is also given details of Kuno Wildlife Sanctuary. In the last session, wildlife movies were shown and explained to the entire students. Four wildlife movies "Kuno Ka Jadu", "The Chambal riverine Sanctuary", "The great Cats of India" and "The Vanishing Vultures" (Hindi) were shown. Environmental education materials also are given for awareness about species conservation, climate change, Biodiversity Conservation and environmental conservation in students. 200 students of graduate were participated. **Submitted by Dr. S. R. Taigor, Chambal Conservation Initiative, Gwalior, Madhya Pradesh. Email: maachambal@gmail.com**



New Life Development Community College students briefed about climate change packet items

Report about the two days Nature Awareness programme conducted at Science Center Pilikula Mangalore

Pilikula Regional science center society, Mangalore organized two days Nature Awareness program, i.e. 28-29 April, 2011, for student teachers with the financial support of Karnataka State Pollution Control Board. Mr Jagannath, Education Officer, PRSC, did coordination of the programme.

The inauguration ceremony was held at the auditorium of the Science Center Building at 09:30 am. Prof. Kurian, Principal, ALVA'S College; Moodbedri; inaugurated the programme. Dr. K V Rao, Director, Pilikula Regional Science Center Society, Mangalore; presided over the function. The inaugurator discussed the "Significance of biodiversity preservation for sustainable outlook". The address outlined the role of laypeople in conservation efforts of various kinds through which acuity of the Nature's tribulations could be disentangled. This was followed by the speech of the president who took-in-hand the obligation of such trainings for enhancing Nature consciousness.

The first session started from 10:15 am onwards with a lecture on "Biodiversity Conservation" by Shri Ramakrishna Marati, Scientific Officer, Pilikula Nisargadhama Society. This was followed by the lecture of Prof. Shruta Keertiraj, Sahyadri College, Mangalore who spoke on "Renewable source of Energy". The second session of the programme consisted of lecture on "Genetic Modified Food" by Prof. Venkatkrishna Rao, ALVA'S College. It was followed by the Visit to Arboretum. In the evening session nature related movies were shown with an intention to spotlight present environmental concerns.

Second day of the camp started from 06:30 am onward with Nature Walk, a trekking activity conducted under the supervision of Sri Ramakrishna Marati. This was followed by excursion to Dr. Shivaram Karanth Biological Park, Pilikula. The educational resources, provided by Zoo Outreach organization, was immeasurably supportive in the subsequent session of the camp consisting of Biodiversity Quiz and Theme based street play. The participants were categorized into three groups and each group consisted of twenty students. Groups were named as Amphibian, Mammals and Biodiversity. Mr. K. K. Singh, Curator, PRSC along with Mr Jagannath, Educational Officer and Mr. Victor, Technical Assistant solicited Biodiversity quiz to the participants. It



Teacher trainee students were taught about climate change

was followed by theme based unspoken play in which each group was given a Biodiversity theme and they were invited to enact the same on stage, while the other groups had to divulge the whole subject of the play. Participants were delighted to engage-in-recreation as animals on stage show. Afterwards each set of the educational resources were given to them.

Pilikula Regional Science Center Society is extremely thankful for these Educational supports provided by Zoo Outreach organization. **Submitted by: Dr. K.V. Rao, Director, Pilikula Science Centre, Mangalore. Email: kurao_44@yahoo.com**

Government High school, Bamboo Bazaar, Mysore

Date: Saturday 31 July 2010
A school, right next to the busy Bangalore-Mysore railway track always caught the author's attention, finally made a trip on 31 July 2010. About 25

students from 9 standard, had quizzical look on their faces, The author introduced herself, to start they were asked to introduce themselves, it was interesting to note that many were from the neighbouring localities, and as far as 3-5 kilometers from their houses. The students were asked what was very important in their life, they said, 'studies', 'good life', and 'make a good living', 'yes to all', the author asked, "but without good health, will you be able to achieve any of these?". They all said 'no'. The students were told what is ailing the planet namely Climate Change as a result of Greenhouses gases and how we, as individuals, are contributing to it. The students were given, the 'Living with Climate Change', 'The Greenhouse Gas Guardian and the Greenhouse Gas Ghost' was used. They were asked to list different pollutants and their sources. They mentioned the factories, vehicle and burning of plastics and leaves in winters. There were told how Greenhouse gases were useful, but



Students tying climate change rakhis and pledge to live more simply



Bamboo Bazaar Govt. High School students attended the "Living with Climate Change" programme

how we are producing them at an astonishing rate and how they were affecting the present climate. They were requested to monitor the temperature for a year and they themselves could figure out the rise in temperature. They were told, that it was every individual's responsibility rather than asking Government to bring with policies for betterment of climate change and how each of us could contribute in reducing the Greenhouse gases and encouraged to grow trees in their school campus. Children wore masks and identified themselves with the masks they got, while they enjoyed tying Rakhis to each other, but not before taking an oath to learn more about the Climate Change.

I thank the Headmistress and the students of the Government high school, Bamboo bazaar, Mysore, Zoo Outreach Organisation, and Nature Conservation Foundation, Mysore.
Submitted by: D. H. Tanuja, Nature Conservation Foundation, Mysore, Karnataka. Email: tanujadh@gmail.com

C.C.M. Hr. Sec. School, Idaiyangudi, TN-Year long Environmental Education activities
 National Green Corps of CCM Hr. Sec.School arranges various environmental awareness programmes throughout the year but special programmes were organized during Wildlife Week and all appropriate and special "days". Zoo Outreach Organisation various education materials used in our programmes. They are: Elephants, bats, hooleck gibbon and amphibians.

The students made aware of protecting our nature through these activities. Other than this, our students were involved with biodiversity register, setting up bird nest and feeders, cycle users count, weeding, tree planting, medicinal garden, eco library, kitchen garden, plastic eradication programme and wildlife rallies and conducted a seminar to village panchaya workers under Mahatma Gandhi Rural Employment Scheme. In which students used the LMS kits provided by Zoo Outreach Organisation and taught them through a mini drama about global warming

and how our lifestyle could be modified in order to live more simply like Mahatma Gandhi.

Submitted by: Mr. W. Joel Revingston, HM, & Mrs. Rani Kirubairaj, NCG Coordinator. Email: thompson_d70@yahoo.com



Village panchayat staff were taught "Live more Simply" through minidrama by students using ZOO's education kit

Celebration of Wildlife Week in PCMC Zoo

A series of different workshops and lectures were held at Nisargakanya Bahinabai Choudhary Pranisangrahalaya, (PCMC Zoo) Sambhaji Nagar, Chinchwad, Pune on the occasion of Wildlife Week 2010. On 5th October 2010, a workshop was held for snake-friends and wildlife enthusiasts in the city. Nearly 40 snake-friends participated in this programme. Dr. Satish Gore, Veterinary Officer, PCPC, Dr. Pawan Salve, Medical Officer, PCMC and Mr. Pravin Ladkat, Executive Engineer inaugurated this workshop. The program was convened by Surendra Shelake. Dr. Mayri Panse, renowned wildlife filmmaker gave plenary talk on Effects of climate change on biodiversity. Dr. Pawan Salve discussed the sustainable lifestyle for conservation of biodiversity. Mr. Anil Khaire, Zoo Director spoke on Snake diversity and effect of habitat loss on snakes. He also guided on safe measures of rescuing snakes. Dipak Sawant did the compeering. Mr. Dilip Kamat gave vote of thanks.

On the morning of 7 October, 50 students from Kamalnayan Bajaj High School participated in workshop on Climate change and Biodiversity. All the participants visited the zoo under guidance of Dipak Sawant and Priti Bangal followed by a talk on Climate

change and biodiversity by Dipak. Children were stunned to understand that their existence is dependant on biodiversity, and if they do not act today; their own children will have to see these animals in pictures only. At the end of session, the students were asked to prepare a drama, based on their learning of the day. Students performed this drama using material provided by the Zoo Outreach Organization. Mr. Anil Khaire concluded the programme. Mrs. Mugdha Deshpande represented the school staff for this programme. We are thankful to Sister Pratibha and Sister Reena for their support. The information packets, procured from the ZOO, were distributed to them.

In the afternoon session a group of 20 Special Students from Sai Sanskar Sanstha, Sambhaji Nagar visited the zoo. Priti Bangal guided zoo visit followed by an interactive session on introduction to wildlife and climate change. Two teachers from the school Ms. Kavita Bhalerao and Ms. Vijaya Vichakule participated in the program. Entire zoo staff assisted in successful coordination of all these events.

Prepared by Dipak Sawant and Priti Bangal, Pune, Maharashtra, Email: pcmczoo4@yahoo.com



Students performed a mini drama depicting the effects of climate change