

## NATIONAL TEACHERS TRAINING ON INTERACTIVE ENVIRONMENTAL EDUCATION AND LOCAL CURRICULUM ON ENVIRONMENT



The first National Teachers Trainings on Environmental education and Local curriculum was conducted by WCN Education Program Nepal Prakriti Pathsala (NPP) at Tilingatar Higher Secondary School, Dhapasi, Kathmandu from November 29 to December 01 2015 in coordination with Education Training Center (ETC),

Kathmandu. Fifty nine teachers from five districts - Rasuwa, Nuwakot, Kathmandu, Lalitpur and Bhaktapur participated in the training. The training was inaugurated by Mr. Dinesh Khanal (Deputy Director, NCED), Mr. Upendra Dahal (Senior Instructor, ETC), Mr. Saroj Kumar Pandey (Principal, Tilingatar HSS), Ms. Josipa Bicanic (Development Officer, DFE), Ms. Sanjeevani Y. Shrestha (Program Manager, WCN). This is the first training in Nepal based on Interactive Environmental Education (IEE). The package for this national training has been developed with the technical input provided by the technical support group formed with representatives from NCED, DoE, CDC, Danish Forestry Extension, WCN and environment science teachers.

The training package included sessions on Interactive Environmental Education (IEE), step by step guides on how to create Eco-teachers groups and networks, on how to use the online portal and different educational videos. Since 2002, WCN through its education program, NPP has been focusing on building capacity of environment teachers in order to make environmental education more interactive in Nepal.



The training concluded with a closing ceremony which was attended by Mr. Khagaraj Baral, Executive Director, NCED, Mr. Tek Narayan Pandey, Joint Secretary, MoE (Chair, Program Steering Committee), Mr. Prasanna Yonzon (CEO, WCN), Mr. Dinesh Khanal, Mr. Sitaram Koirala, Mr. Upendra Dahal, Mr. Moti Raj, Ms. Sanjeevani Y. Shrestha and Ms. Josipa Bicanic.



## Training on Wildlife and Forest



A two day training was organized by WCN to the Nepal Army Officers at the Directorate of Forest Ecology and Security (DFES), Hattikhori, Nawalparasi on September 22 - 23, 2015. The training was inaugurated by Brigadier General Mr. Damodar Thapa, Head of DFES. The training was divided into three technical sessions which dealt with various issues on Biodiversity, Forests of Nepal, National Parks and Protected Areas, Forest Policies and Acts, International Conventions and Linking Forest with Communities. Forty army officers participated in three different technical sessions which were chaired by Mr. Shyam Bajimaya (former DG, DNPWC), Dr. Chuda B Shrestha (former SSP, Nepal Police) and Mr. Prasanna Yonzon (Chair and CEO, WCN).



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## Environment Approach Towards Learning



WCN NPP team members participated in 5 days training program on Environmental Approach towards Learning (ESAL) organized by Parisar Asha, a Center for Educational Research and Training at Mumbai, India from August 31- September 4, 2015.

The training focused on pre-primary curriculum based on ESAL approach. Participants learned about how children use their five senses during learning of new things i.e. demonstration, outdoor observation and picture; story telling and music; hands on and doing. The training was concluded with reflection, feedback and further roadmap with collaboration of Parisar Asha and WCN to develop joint program in near future.



## Training on Forced Growth Quality Model



WCN conducted two day training on Forced Growth Quality at Chisapani Community Forest, Bardaghat, nawalparasi on October 8-9, 2015. The graduate students of Institute of

Forestry, Hetauda and the user group of Chisapani Community Forest attended the training. The Community Forest is in the process of implementing a scientific forest management plan for the management of the forest. Different successful models were shared during the training. Mr. Per C Christensen, Senior Consultant and Forest Supervisor, DFE and Mr. Soren Iadefoged, Forester, DFE conducted the training.

WCN in collaboration with DFE and CBNL is working in five community forests in Chitwan, Nawalparasi, Makwanpur and Rasuwa in developing community based solutions to mitigate and adapt to climate change under Nordic Climate Facility.



News in Brief  
**Wildlife Seizure**



Acting on the intelligence provided by WCN, Nepal Police seized two Leopard skins on September 26, 2015 and four individuals were arrested from Birendra Chowk, Tulsipur, Dang District.

**Asian Rhino meet**



Asian Rhino Meet, concerned to the protection and conservation of 3 rhino species was held in Jaldapara National Park, West Bengal from 4 to 6 November, 2015. The meet focused on Conservation prospects of greater one horned rhino meta-population in West Bengal and neighboring rhino range Areas of India and Nepal. More than 40 delegates and experts from Nepal and India attended the meet in which Mr. Prasanna Yonzon, CEO, WCN and Mr. Mohan Brikram Shrestha, WCN attended the meet. The meet was hosted by Forest department of West Bengal and International Union for Conservation of Nature Species Survival Commission Asian Rhino Specialist Wildlife Fund for Nature Conservation (WWF), Asian Rhino and Elephant Action Strategy (AREAS) and Aryanayak.

**World Elephant day**



WCN Nepal Prakriti Pathshala (NPP) celebrated World Elephant Day 2015 with the students of Ace School, Kamlapokhari. On the occasion of elephant day they learnt about the role of the elephant and its importance, made toy elephants from paper, paper plates and used toilet paper rolls. During the event they also learnt about reusing materials and converting them into beautiful artwork. A story about a young elephant - Punte and his mother, Pawankali was also narrated. Since 2012, World Elephant Day is celebrated every year on August 12 to express concern, share knowledge and support solutions for the better care of captive and wild elephants alike.

**Asia Regional Conservation Forum**

The Regional Conservation Forum (RCF), IUCN's meeting of Members in Asia that held very four years addresses biodiversity and ecosystem challenges and sets the region's conservation agenda. Leaders and decision-makers from government, civil society, business and academia assemble to share experiences, debate and decide how we manage our natural environment for human, social and economic development. Mr. Prasanna Yonzon, CEO, WCN participated in the forum from August 10 to 12, 2015 at Bangkok, Thailand.



## WCN-RHF Grantee



WCN-RHF research grant is announced every year for young researchers on competitive basis which allows them to produce good quality thesis work. The evaluation and selection is done by a team of experts. WCN-RHF will make avail of mentorship to the successful candidates during their study and report making. Mr. Purna Man Shrestha and Mr. Devendra Chapagain are WCN-RHF 2014 grantee successfully presented their research work entitled "Diet Composition of Leopard in Shivapuri Nagarjun National Park, Nepal" and "Effect of Urbanization on Avifauna in Kathmandu Valley forest, Nepal respectively at WCN premises.

## Talk Program

WCN has been providing a platform for young researchers, scientist where they get chances to interact and share their views. As a part of this, WCN has been hosting "A Talk Program" on different growing issues where WCN invites expertise from different background for sharing their views and experiences. The invitation is open for everyone where youth can interact and share their views with the experts in the related topics.



On August 28, a talk program was conducted at WCN premises. Mr. Sahil Shrestha, President of Cylce City 2020 was invited as a guest speaker. The talk program was basically directed towards road safety of the cyclists. How riding cycle should be viewed as a mode of transportation and how it is occasionally labelled as pedestrians or transporting vehicle. Cycle City was launched in 2009 over a tea talk among a group of young friends. Sahil demonstrated views and mission of Cycle City. The organization has been working to raise awareness among people claiming that cycle should not be viewed as a poor means of transportaion but rather an approach that should be taken in order to reduce carbon emissions caused by exhausts of other vehicles. He tried to portray cycle as one of the beneficial and economical transport which should be widely accepted in our society.



## Eco Smart School Program

WCN through its education program NPP has successfully promoted environmental education and outdoor learning experience in numerous schools and in different parts of Nepal. Since 2015, as part of NPP program, WCN is venturing in promoting greener and environmentally friendly schools through its Eco-Smart Schools Program. Till date there are four partner schools namely John Dewey, Creative Academy, Sunrise Boarding School and ACE school where NPP/WCN has been conducting its ecosmart schools program regularly.

### Visit to Horticulture Center



Nepal Prakiriti Pathsala believes in outdoor teaching and learning. Outdoor teaching practice helps student to learn and understand more easily about the subject. As a part of Eco-smart school program, students of John Dewey School, Baluwatar and Creative Academy, Kritipur were visited to the Horticulture Center established under the Department of Agriculture at Kirtipur. The objective of the visit was to learn more about vermi - composting process and use of compost in agriculture. These are the schools that are operating vermi - composting projects to manage organic waste produced in school with support from NPP/ Ecosmart School Program. Apart from this some of the enthusiastic students of Creative Academy had even started vermi - compost in their home which soon they will bring it to their community level as well.

### Cooking with Sun

Solar cookers are a trend of innovative cooking device that harvest sunlight, one of the most abundant and sustainable energy sources, to cook. Here, students of Ace school learned about Solar cooker using renewable energy from the Sun for heating and cooking through hands-on activities. Through this activity, students learned about how the sun's rays can be turned into thermal energy, useful in our daily lives to cook food among many other things. This activity was done on a sunny day. Students were very excited to make their own solar cookers and take the reading of the water temperature rises using thermometer.





## Making Vermi compost Bin



On Novemember 18, students of class 7-9 from Sunrise Boarding School were involved in vermi composting bin set up under facilitation by WCN/NPP. This activity helps students and school to reduce their organic waste that comes from their canteen and classes during lunch break and helps in waste management of school to some extend. Selected students were given responsibility for vermi bin monitoring and feeding the worms weekly.

## Vermi Compost Harvest



Students of Class 8 from Creative Academy harvested vermi compost that weighed more than 5 kg. They have been adding organic left overs and monitoring the vermi compost set up for over three months. They separated worms and refined compost through the sieves. The worms were then reused in the new vermi composting set up. These compost will be used in organic vegetable gardening which will be constructed in their school premises.

## Waste Reduction Activity



One of the main objectives of Ecosmart School program is waste reduction. So in this regards, kids of ACE Pre School were taught about 3R's. They were taught to make pencil Holder and Photo Frame with old magazine and newspaper. and were also taught about paper recycling. Kids found this activities very easy and interesting. Now they are able to recycle their old newspaper and make attractive greeting cards.

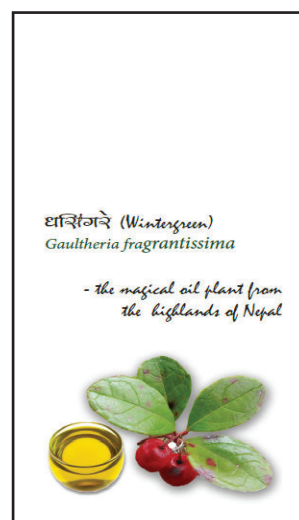
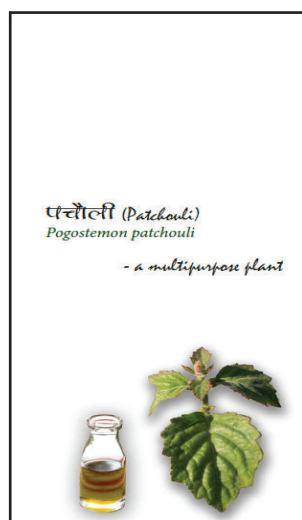
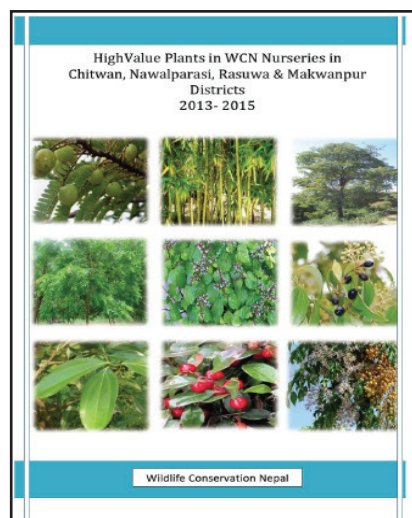
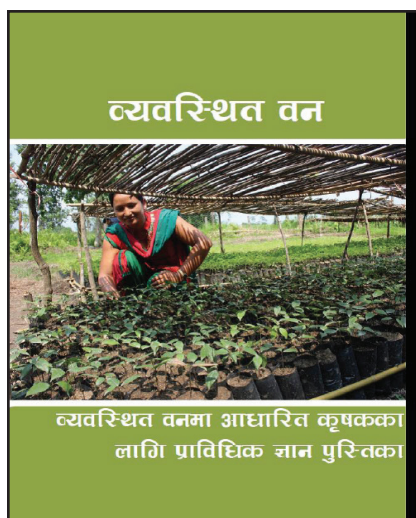
## Organic Gradening



John Dewey students planted vegetables in their organic garden, ploughed and prepared by themselves. Vermi - compost was applied in the garden instead of synthetic fertilizer whereas ash was used as pesticide which enhanced soil fertility. Cauliflower, radish (white), turnip (purple top), spinach were planted in the garden. Students and teachers were excited to see the final products which will be served in their school canteen.



## Publications



## A Species Protected is a Heritage Maintained - WCN

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