



NEWS LETTER



INDRADHANUSHYA

PUNE MUNICIPAL CORPORATION

INDRADHANUSHYA ENVIRONMENT EDUCATION AND CITIZENSHIP CENTRE

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In this Issue :

- **Jungle Joy Festival**
- **Adventure Camp At Peshwe Park**
- **Kids for Tiger Festival**
- **Environment festival**
- **Making Ecofriendly Ganesh Idols from clay**

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From the Editor's Desk...

We are glad to bring out the second edition of our news letter which also happens to be our second publication.

Global warming increases of Green gases melting of polar ice caps. Pollution is some of the pressing issue in the world today. All these environmental are the reasons for rising water born and air born diseases.

Degradation of forest especially the Amazon forest is having telling effects on the world weather patterns – floods and drought have become more common.

Rising air, water and noise pollution are some of the current critical problems in pune. Ever increasing density of population proves counter-productive in our efforts to improve our environment.

PMC now aims to reverse this trend, maintain the biodiversity and improve the quality of water and air. I appeal for the co-operation & citizens to further our goals.

Shri Naresh Zurmure, IFS
Additional Municipal Commissioner (G)
Pune Municipal Corporation

ENVIRONMENTAL EDUCATION PROGRAMS FOR

SCHOOL STUDENTS

Bal Shikshan Kendre- Bhasheche Godee:

The children of play group visited *Indradhanushya centre* on 17th May 2012 from 10am to 1pm. It was as part of outdoor activity of Bal Shikshan Kendre. The students were given information about environment, plants and past and present of Pune. In auditorium some clips were shown about some birds, animals & relative information was given to the students.

Drama Training Work Shop for PMC School Students:

Training workshop for PMC school students was conducted at *Indradhanushya centre* on 7th May 2012. The essential basis of dramatics was taught which included amongst other things, the art of public speaking, winner points of attended the training workshop. It was a very joyous experience for the students.

Jungle Joy Festival :

Jungle Joy Festival was celebrated at *Indradhanushya centre* on 11am to 7pm which was organized by a Nature Walk on 12th & 13th May 2012. In this festival different competitions, lectures, documentary screening were conducted for

children in age group of 5yrs to 14yrs. On 12th May from 11am to 1pm and from 2.30pm to 4.30pm film screened about Indian wild life. After each film an interactive session was conducted. Drawing competition was held from 1.30 to 2.30 pm. The topic for this competition was "Jungle Life". At 5pm, interactive session with Dr. Anil Avchat was conducted. He conducted workshop on Origami. Origami is a traditional Japanese art of paper folding which started in 17th century in Japan. The day concluded by prize distribution of drawing competition.



Documentary screening at *Indradhanushya centre* during Jungle Joy Festival

The 2nd day of Jungle Joy Festival started with a nature walk conducted by Mr. Anuj Khare (Hon. Wildlife warden) at Taljai hill. The next session started at 11am at

Indradhanushya centre. The session titled “In World of Cartoon” by well-known cartoonist Mr Mangesh Tendulkar.



Famous cartoonist Mr Mangesh Tendulkar having a look at the cartoons drawn by students at *Indradhanushya* centre during Jungle Jov Festival.

The following session was conducted by Ms. Pooja Bhale on Indian wild life at 12 noon. At 1.30pm workshop on preparing clay toys was conducted by Ravi Ghaisas.

School Visit at *Indradhanushya* Centre:



Students of std.10th from D.E.S. Secondary School visited *Indradhanushya* Environment and Citizenship Centre on 17th April 2012



Students of std.7th from DHAYARI – KARNABADHIRSCHOOL visited *Indradhanushya* Environment and Citizenship Centre

Adventure Camp at *Peshwe* Park:

On 22nd and 23rd May 2012 in between 10 am to 1pm an adventure camp for standard of 5th to 10th was organized at *Peshwe* Park. Students from various schools participated in this adventure camp. A documentary on *Shekru* was also screened. The students were later shown “Jigyasa”—a bus developed by CEE which exhibits various environmental issues through the medium of panels.



Kids enjoying the documentary “*Shekru*” during Adventure camp at *Peshwe* Park



Kids enjoying adventure games during Adventure camp

Wild Life Camp:

For students of standard 5th to 10th Wild life Camp was organized at *Indradhanushya centre* on 28th may 2012 at 11am. Video clips about birds, and animals were shown and about them information was given. The camp included screening of clips like migration of birds & animals, poaching, Tigers, Peacock, Great Indian Bustard (GIB), Elephant

Kika's Bird Club :

On 24th March 2012, a slide show under the activity of "Kika's Bird Club" was conducted at *Indradhanushya Environment and Citizenship Centre*. The slideshow was presented by Mr. Kiran Purandare, a renowned Bird expert, whose experience in the field of bird study is over three decades. The lecture was entitled "Basics of Birding" wherein very basic information about birds was given. Some of the points that were talked about: Habitats of birds, behavior of birds, basics

of bird watching, Interesting facts about various birds etc. More than 60 bird lovers and club members attended the slideshow. A film on Balpandy was screened on 14th March 2012. The film showcases an individual's hard work, his unprecedented efforts to conserve wildlife; especially water birds. The film portrays an environmental success story picturised in the most dramatic way. A group of discussion on the salient film followed.

On 26th May 2012, Yash Bhandare, an eleven year old boy and an active member of Kika's Bird Club, presented his study on the nesting behavior of the Purple-rumped Sunbird (*Nectarinia zeylonica*). He narrated his experiences and keen observations with the help of visuals – both still and video clips. A short film on breeding biology and ecology of the Flamingoes was screened in the later part of the program.

A film on Penguins by the BBC was on breeding and migration of this flightless bird was depicted in the most amazing manner on 16th June 2012. It was emphasized that global warming is the only threat to hundreds and thousands of Adelies (*Pygoscelis adeliae*) and the largest Penguin, The Emperor Penguin (*Aptenodytes forsteri*). Kiran Purandare gave additional information about the salient features of the film.

On 28th July 2012- Mrs. Madhavi Kavi and Devdatta Lohokare, both members of Kika's Bird Club, gave presentations. The idea was to encourage the members to undertake small projects related to various aspects of bird study. Mrs. Kavi narrated her experiences of photographing birds and around her home in Aundh area. She explained how and why the diversity and number of birds in her backyard change according to changing seasons. Devadatta, a student of 8th standard gave a talk on his feathered friends while showing some of the wonderful pictures clicked by him.

On 25th August 2012-Mr. Rajesh Kange, who works as a Producer at the State Institute of Educational Technology (Balchitrawani) screened short films on birds produced by him. He also narrated his experiences while making films on birds and nature. One of his films has won 8 national awards at the National Educational Video Film Festival organized by NCERT, New Delhi. His films were appreciated by one and all as they were based on nesting behaviour of commonly found birds like the Red-vented Bulbul and the Ashy Prinia.

On 31st August 2012, Mr. Hemant Dhadnekar, an avid birdwatcher and an active member of Kika's Bird Club gave a presentation based on his visit to Gudavi Birds Sanctuary (Karnataka). Spread over an area of 74 hectares, the birds

sanctuary harbours more than 80 species of birds and invertebrates. The sanctuary transforms into a buzzing heronry during the monsoon, attracting many water birds in the vicinity.

KBC's official website was launched, at the hands of Hon. Shri. Mahesh Pathak, Commissioner, Pune Municipal Corporation on Saturday, 27th October, 2012.

The address is : www.kikasbirdclub.org

College Visits:



Students from Sangam NGO visited Indradhanushya centre on 15th March 2012 in exchange program paying keen attention to environment issues



MBA students from Ahmadabad visited at Indradhanushya on 10th Sept. 2012.

“Kids for Tiger Festival”:

Pune Municipal Corporation, Sanctuary Asia Magazine and the Project Tiger Program of Central Government jointly conducted “Kids for Tiger Festival”. The dates of the festival were 1st July 2012 to 7th July 2012. The festival was planned with the objective to increase awareness among the students and the citizens about the “Big Cats” viz. Tiger, Lion, Leopard and the Snow Leopard who currently are facing the threat of becoming extinct. The protection and conservation of these species is of utmost importance as they play a pivotal role in the ecosystem. The festival was “Open to All ” and no entry fees were charged. Various competitions were planned to be undertaken during the festival. The competitions were – Drawing Competition, Photography Competition, Essay Competition, Elocution, Drama Competition, Quiz Competition etc. Along with the competitions; Rallies, Wildlife Film Screenings and Audio-Visual Talks were also arranged. Prizes were given to the winning student/team. Age groups for competition were 5th to 7th Standard - Group A, 8th to 10th Standard - Group B, Open category Group C. On 1st July 2012 a

Rally from Shaniwarwada to Balgandharv was organized.



Rally during “Kids for Tiger” Festival

Around 2000 from different schools students participated in this rally. Inauguration of “Kids For Tiger” was done by famous cartoonist Mr. Mangesh Tendulkar and Add. commissioner (G) Mr Naresh Zurmure. Then “The Last Colour - Play on tigers ”. On 2nd and 3rd July Drama Competition – Elimination Round was conducted at *Indradhanushya centre*. On 1st ,2nd ,3rd ,6th and 7th July film Screening on Big Cats of India was conducted. “The Last Colour - Play on tigers "was again organized on 7th July 2012. 'The last Colour...!' " is based on the current condition of wild life and specially the condition of our national animal TIGER. The play merely a theatrical

attempt to create awareness about wild life. On 5th July elocution competition was conducted at *Indradhanushya centre* .The festival concluded by prize distribution at the hands of Hon. Mayor of Pune City – Mrs. Vaishali Bankar and Mr. Bittu

Sahagal, editor , Sanctuary Asia Magazine. Prior to prize distribution Mr. Bittu Sahagal conducted an interactive session with the students.



prize distribution at the hands of Hon. Mayor of Pune City – Mrs. Vaishali Bankar and Mr. Bittu Sahagal, editor , Sanctuary Asia Magazine during “Kids for Tiger” Festival



Prize Winning Drawings displayed at Indradhanushya 201centre during “Kids for Tiger” Festival

Ray Design Studio:

The workshop consisted of series of activities which involved Engaging with nature, habit breaking, dialogues, reflection & sharing. The workshop was about awakening of Aesthetic Sense through making, drawing, seeing & listening lecture at *Indradhanushya Centre*. Orientation on sustainable / eco friendly architecture as career path for

12th student was organized by Ray design on 8th June 2012. The orientation was for 12th

students who are considering architecture as career option and their parents. The orientation was attended by approximately 25 to 30 students. Sustainable architecture is about making optimum use of resources and saving for our next generation. Nurturing creative & socially conscious youth who can contribute in shaping our created environment. For one month orientation course was to expose the students to the need for responsible

architect and to make them understand the culture, ecology, socioeconomics issues etc. Ray design organized an Interactive talk with Mr. K B Jinan on Natural process of learning – in children from nature. The workshop was based on "Exploring how to enhance creativity and children's ability to learn? & how to create conditions for the learning within the urban setting?". The talk aims to enable parents and teachers to rediscover children's natural abilities. In this talk, Mr. K B Jinan shared his research and experiences on how Children are by nature attentive to the real life.



Ray design: The workshop on sustainable/eco-friendly architecture



Creative artwork done by participants during workshop on sustainable/eco-friendly architecture

ENVIRONMNET EDUCATION PROGRAMS FOR CITIZENS

Air Pollution Modeling & Air Quality Management

Training Program:

Air pollution is a complex issue fuelled by multiple sources ranging from vehicular exhaust, resuspended dust on the roads due to vehicle movements, industrial flumes, construction debris, garbage burning, domestic cooking and heating. There are also some seasonal sources such as agricultural field residue burning, dust storm & sea salt. Air pollution modeling & air quality management training program was conducted by Clean air Initiative for Asian Cities(New Delhi, India office)& by Pune Municipal

Parivartan :

‘Parivartan’ a voluntary organization has been working towards achieving good governance in Pune city since last 3 years . For the same ‘Parivartan’ along with ‘Green Earth Social Development Company’ has organized a training program to equip our volunteers to work with the government system more effectively. The program was divided in two sessions.

A civics workshop was organized by Parivartan at *Indradhanushya Environment and Citizenship Centre*, on 25th March 2012, between 10.00 am to 1.00pm This

Corporation, Pune on 21st March 2012. Dr Sarath Guttikunda from Urban Emission Info (New Delhi, India) spoke on integrated Air Quality Management (AQM) as a challenge in developing countries due to lack of information on sources of air pollution and insufficient ambient monitoring data in the public domain. In his study, the integrated AQM in six cities was conducted using **Simple Interactive Models (SIM)** for better air quality program. His speech was informative. Using this tool, we can predict the various changes that we can bring about by making relevant changes in the current operational processes etc.

workshop mainly comprised of two parts: Part I: Discussion and understanding: What do we mean by democracy? What is the role and duty of citizens in democracy? Also, how participation of citizens is very important to strengthen a democratic government. Part II: Screening of a documentary film on Columbian city – Bogota. It is a film about how a collective effort of citizens and government changed the city. Discussion on the film was done.

Safe Water Healthy Future:

A seminar entitled “Safe Water Healthy Future” was organized by Pune Municipal Corporation (PMC) & Health of the Urban Poor (HUP), Plan India foundation on 26th March 2012. Rashmi Shirhatti , City Co-ordinator, Plan India,HUP,Pune welcomed and introduced the speakers. Keynote address was given by Mr. Naresh Zurmure, Additional Commissioner (G), PMC. During the two and half hour seminar, presentation were given by eminent persons like Dr. Sneha Siddham, Senior Program Manager, Plan India Foundation, New Delhi who spoke on “Background of HUP and relevance of WATSAN”, Shipra Saxena,Water&Sanitation specialist at Population Foundation of India,HUP, New Delhi gave a presentation on “Sharing of models on safe drinking water and hygiene practices-Point of use in Urban Areas”. Mr. Avinash Madhale,Centre for Environment Education spoke regarding the “Wash Program in respect of School Health” Mr. Sunil Waman, Executive Director, Gomukh, Pune and Dr. Sanjeev Wavare, Incharge Urban RCH,PMC gave presentation on “Safe Drinking Water in Pune City and Pune’s Future” and “Water Borne Diseases” respectively.

International Tiger Day:Film on "Tigers" was screened on 29th July on the occasion of International Tiger Day at Indradhanushya Auditorium, Ranjendra Nagar from 5 to 8.30 p.m. The program was supported by Pune Municipal Corporation and National Tiger Conservation Authority, Govt. of India.

Teacher Orientation program

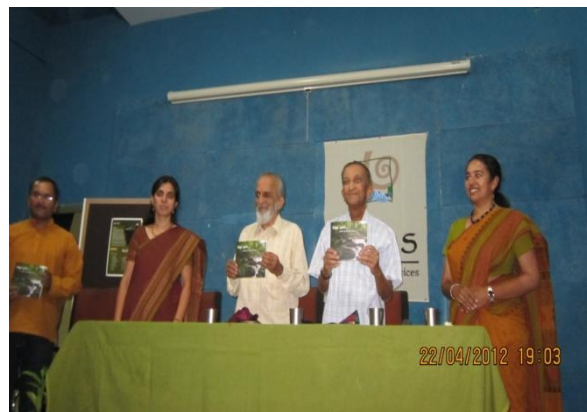
:Teachers Orientation workshop on “Basics of Drama” was conducted at *Indradhanushya Centre* on 10th and 11th April 2012. On 1st day topics discussed were difference between Drama and Street play, difference between drama and movie (One dimension and Three dimensional view) , dimensions etc. On 2nd day orientation program was conducted by Mr.Gajanan Patil and topics discussed were stage movements, use of lights, script writing, direction etc. The teachers from PMC & private schools attended the program.

Nisargsevak workshop :

A workshop on Botany was organized by Nisargsevak at *Indradhanushya centre* on 24th August 2012 at 6pm to 8pm.In this

workshop a brief introduction of botany, habitats, classification, flora of plants were discussed. This is followed by free discussions by participants.

Oikos Book Release on Plant Conservation:



**Book Release“ Nisarg
Sanvadharn” written by Ketaki
Ghate and Arti Karandikar On
22nd April 2012.**

wagnachin Supari followed by prize
distribution of photography competition.

Environment festival:

“Environment Festival” was celebrated from 1-5 June 2012 at *Indradhanushya* Environment and Citizenship Centre. On 1st June 2012 Wild life photography exhibition was inaugurated by Mr. Rajendra Kadam, DCF, Pune Division at 6.30pm. On 2nd June 2012 an interaction program was organized with Shri Naresh Zurmure, Addl Municipal Commissioner (G) on topic: Baheliya Samaj aani 24

3rd June 2012 World Environment Day program a Talk was organized by Dr. Promod Patil on Topic " Save Vultures" at 6:30 to 8 pm. at *IndradhanushyaCentre* (6.30pm) . The lecture by Prof. SD Mahajan on topic " Vata-pournima & Environment" was conducted on 4th June 2012.A very informative talk given by Mahajan sir at 6:30pm. On last day of world environment day(5th June) Environment Report (ESR) presentation was given by Peeyush Paranjape on 6:00

to 6.30 pm. at Indradhanushya



“Environment Festival” Wild life photography exhibition

Environment and Citizenship Centre.



“Environment Festival” Wild life photography exhibition inaugurated by Mr. Rajendra Kadam, DCF, Pune

Photothon:



Photothon : on environment issues exhibition at Indradhanushya centre

Environment and Citizenship Centre is working on environmental issues at Mumbai. Photothon was held in Mumbai in month of July 2011. It was a photo story competition and joint venture of Ecofolks & Maharashtra Pollution Control Board. The prize distribution ceremony was held in Mumbai in presence of Hon. CM and

Deputy CM. On 21st Aug. to 30th Aug. 2012 Ecofolks organized Photathon

exhibition at *Indradhanushya* Environment and Citizenship Centre.

Survat

Survat was organization of expert doctors talk with music was held by expert doctors. The expert doctors in field of Cancer came together & give awareness in health and Cancer with the help of music on 15, 27 August & 8 September 2012 at *Indradhanushya* Environment and Citizenship Centre. They had explained how lifestyle changes affect health, how to

take precaution during affected by cancer. They explained relation between carcinogenic compound and human health. These carcinogenic which are emitted through exhaust of vehicle and affect urban life. They described how to minimize the exposure from these harmful fumes.

RCH Soc. PMC training program

Dr. Sanjeev Wavre and his team from Health Dept. of PMC conducted MCTS- Mother and Child Tracking System, training program for nurses from PMC hospitals. The training program was conducted at *Indradhanushya Centre* on 14th and 18th August 2012. When a mother dies, children lose their primary caregiver, communities are denied her paid and unpaid labour, and countries forego her contributions to economic and social

development. A woman's death is more than a personal tragedy--it represents an enormous cost to her nation, her community, and her family. Any social and economic investment that has been made in her life is lost. More than a decade of research has shown that small and affordable measures can significantly; reduce the health risks that women face when they become pregnant. Most maternal deaths could be prevented if

women had access to appropriate health care during pregnancy, childbirth, and

immediately afterwards.

Harit Mitra Parivar :

Workshop on pre monsoon plantation drive was held at *Indradhanushya* by Harit Mitra Parivar. They had arranged training on how to select plants, about plantation of

native plants on 14th May 2012 in the evening. Mr. Mahendra Ghagre gave training to citizens and had distributed free saplings for citizens.

Bioconcept :

Bioconcept, Pune is registered companies working in field of medicinal plant conservation. Bioconcept had conducted a workshop for Pune citizens on medicinal plants. “We and Medicinal Plants” was the talk given by Dr. Mandar Akkalkotkar. In his lecture he explained how you can grow

medicinal plants were important to human health. The next talk was given by Mrs Poorva Joshi on topic “Health Garden”. In her talk she explained very easy methods to grow plants in pots, balcony, kitchen garden on 9th sept. 2012 at *Indradhanushya centre*.

Workshop on Making of Ganesh Idols:

On 31st Aug. 2012 a workshop on making Ganesh idols from ecofriendly clay was arranged by WIMA a woman's organization in afternoon. This workshop was organized only for ladies at *Indradhanushya centre*. Another training program was arranged by SMILE

organization in morning on making Ganesh idols from ecofriendly clay for citizens. WIMA on 8th September 2012 at 2pm. Conducted training program. They gave demonstration on making of manure from kitchen waste



Indradhanushya In News



festival that included several events including film screenings, poster painting competitions, demonstrations on increasing awareness of environment conservation and students took part in the festival.



To,

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