

C. P. R. ENVIRONMENTAL EDUCATION CENTRE



ANNUAL REPORT

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a Centre of Excellence of the Ministry of Environment, Forests & Climate Change,
Government of India.

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1

INTRODUCTION

The entire activities of C.P.R. Environmental Education Centre (CPREEC) are in accordance with the Sustainable Development Goals (SDGs) of the United Nations.

Although the Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India did not sanction any grant for activities for the year 2016-17, as it has been granting funds since 1988, CPREEC was busy all through the year and carried out environmental activities for various stakeholders.

❖ To carry out the Swachh Bharat campaign of the government, the area around the Mylapore Kapaleeswarar temple was cleaned and the biodegradable and non-biodegradable wastes were segregated.

❖ CPREEC's ENVIS Centre on 'Conservation of Ecological Heritage and Sacred Sites of India' has been extremely popular with visitors from all over the world. A new element – Traditional Ecological Knowledge has been added to the ENVIS subject.

❖ CPREEC implemented the All India Coordinated Research Project (AICRP) of MoEF&CC on Sacred Grove Ecosystem Services Assessment (SGESA) in inland plains of Tamil Nadu.

❖ CPREEC organized twenty National Nature Camping Programmes in the states of Tamil Nadu, Karnataka, Odisha and the Union Territory of Puducherry with the financial support of the Ministry of Environment, Forests & Climate Change, Government of India.

❖ As requested by the MoEF&CC, CPREEC prepared glossary of Key Terminologies on Climate Change and Glossary on Environment.

❖ Earth Day was celebrated in collaboration with the US Consulate, Chennai while International Day for Biological Diversity was celebrated at Ooty in the Nilgiris and Hyderabad. In all places, school students participated.

❖ National Youth Day celebrating the birthday of Swami Vivekananda was observed in Chennai and Port Blair in Andaman & Nicobar Islands.

❖ Rameswaram, being an important pilgrimage centre in the country, a sacred grove site has been established and is being maintained by CPREEC. The Centre's exhibition on *Green Pilgrimage for a Clean India* was also put up at the Rameswaram Heritage Building.

❖ Several surveys and analysis of water and soil were carried out by CPREEC's Environmental Laboratory.

- ❖ CPREEC implemented a special project titled “Environmental History of India” funded by Indian Council of Historical Research (ICHR), Ministry of Human Resource Development, Government of India.
 - ❖ CPREEC organized training programmes on fodder cultivation, nursery raising and various budding, grafting techniques for the benefit of women under the STEP Project “Training in Nursery Raising, Fodder Development and Raising Fruit Saplings” funded by the Ministry of Women and Child Development, Government of India.
 - ❖ CPREEC organized capacity building workshops on “Island Biodiversity Conservation” for the pre-service teachers of Andaman & Nicobar Islands, funded by the National Biodiversity Authority (NBA), Government of India.
 - ❖ CPREEC also organized capacity building workshop cum field visits on “Biodiversity Conservation” for the teacher trainees of District Institute of Education & Training (DIETs) of Nilgiri Biosphere Reserve in the states of Tamil Nadu, Kerala and Karnataka, funded by the National Biodiversity Authority (NBA), Government of India.
 - ❖ For Wipro’s Earthian programme, CPREEC organized teachers’ workshops on “Education for Sustainable Development and Biodiversity Conservation” followed by orientation programmes for students. Four schools trained by CPREEC won national awards from Wipro.
 - ❖ CPREEC carried out the Go-Vegetarian Programme for school students funded by HSI India.
 - ❖ With the financial support received from the Animal Welfare Board of India, CPREEC organized a series of workshops for teachers on kindness to animals.
 - ❖ As the State Nodal Agency (SNA), CPREEC maintains and enhances the Vikaspeda web portal in Tamil and also popularises the Digital India initiative of the Government of India. CPREEC also organised community level events to popularize Digital Financial Services of the Government of India.
 - ❖ CPREEC organized a seminar on ‘Is Chennai Prepared for the Monsoon?’ in view of the floods and cyclones that have been affecting the city.
 - ❖ CPREEC organized a National Seminar on Scientific and Technical Terminology in Biodiversity of Andaman & Nicobar Islands at Port Blair, sponsored by the Commission for Scientific and Technical Terminology (CSTT), Department of Higher Education, Ministry of Human Resource Development, Government of India.
 - ❖ CPREEC published two new books in Tamil for the Ministry of Women and Child Development, Government of India:
 - o *Fodder cultivation, nursery raising and raising fruit saplings*
 - o *Women and Environment*
- CPREEC’s earlier publications were also reprinted.

❖ CPREEC set up a Nature Interpretation Centre at Lalacheruvu in Rajahmundry district; CPREEC designed and developed signages and fibre moulds for Nagaravanam at Tirupati and at Kurnool and Rajahmundry district headquarters.

❖ CPREEC's Environmental Library is used as a referral library by research scholars and students.

All in all, it was a busy year, as usual, for C.P.R. Environmental Education Centre.



SWACHCH BHARAT

As part of the Prime Minister's "Swachch Bharat" campaign, CPREEC organized a cleaning campaign near the Mylapore Kapaleeswarar temple (a heritage site) involving the school students of Saraswathi Kendra Learning Centre for

Children and The Grove School. The school students cleaned the area and segregated the bio-degradable and non-biodegradable waste and handed them over to the Solid Waste Management Division, Chennai Corporation.



**Swachch Bharat campaign by the students of
Saraswathi Kendra Learning Centre for children
near Mylapore Kapaleeswarar temple
(a heritage site) in Chennai**

2

ENVIS CENTRE

CPREEC's ENVIS Centre on Conservation of Ecological Heritage and Sacred Sites of India of the Ministry of Environment, Forests & Climate Change is involved in collating and disseminating information. The thrust area of CPREEC ENVIS Centre lies in the following specific components comprising of Sacred Plants, Sacred Gardens, Sacred Groves, Sacred Animals, Sacred Mountains, Sacred Rivers, Sacred Water bodies, Sacred Precincts, Sacred Seeds, Sacred Caves and Green Pilgrimage. A new element – Traditional Ecological Knowledge has been added to the ENVIS subject area from January 2017.

The staff of CPREEC participated in the National Workshop of ENVIS Centres Summary Evaluation and Roll Out of the

Revamped ENVIS Scheme held at Gandhi Nagar, Gujarat on March 17 and 18, 2017. A book on *Ecological Traditions of India – Jharkhand* Vol. 14 was released during the workshop.

The programme is funded by MoEF&CC, Government of India.



During this year, the following activities were carried out:

Subject area updates	342 topics were updated and uploaded in the website under various sacred elements
Publications	3 newsletters were published and uploaded in the website
Bibliography	99 abstracts were uploaded
News items	233 news items were updated in the website
Image	375 images were uploaded
Videos	76 videos were uploaded in the website for better user engagement
Glossary	10 terms were published in the website
Panels	3 on sacred plants

3

ALL INDIA COORDINATED RESEARCH PROJECT (AICRP) ON SACRED GROVE ECOSYSTEM SERVICES ASSESSMENT (SGESA) IN INLAND PLAINS OF TAMIL NADU

This Programme is implemented by CPREEC and the project is funded by MoEF&CC.

Details of the project study sites (sacred groves)

Sacred Grove sites	Village	District	Latitude	Longitude
Ooraliyappan Grove	Asanur	Viluppuram	N11.37.053	E079.10.621
Aiyanar Grove	Edaichervai	Cuddalore	N11.24.320	E079.04.947
Komathuran Aiyanar Grove	Thennarkadu (Kallanatham)	Viluppuram	N11.41.972	E078.47.889
Muthumuniswarar Grove	Thoppaiyan -kulam	Viluppuram	N11.41.537	E079.25.703
Aiyanar Grove	Velleripattu (Sitheri)	Viluppuram	N12.03.312	E079.24.407
Periyanna Aiyanar Grove	Veerapaiyanga -ram	Viluppuram	N11.32.459	E078.52.474

Prepared a boundary map of each study site using GPS readings and converting the points into polygons (boundaries); prepared by scanning and digitizing Survey of India (SOI) topo sheets; prepared a land use/land cover map by using remote sensing imageries/ Google Earth Pro imageries and mapped the social catchment area through PRA approach showing the villagers, communities and religious affiliates visiting a particular sacred grove.

Plant diversity

Regular field trips were made to catalogue all trees, lianas, shrubs and herbs. Assessed the biodiversity status of the selected SGs by adopting quadrat method and recorded 1594 species (which include 775 trees, 245 climbers/lianas, 151 shrubs, 87 herbs and 336 tree saplings were made from the qualitative survey conducted in the study sites). The status of biodiversity was worked out in different indices.



Faunal biodiversity

The inventory yielded a total of 35 species including 2 bee species, 6 butterfly species, 10 bird species, 7 reptiles and 10 mammals. The species includes (bees, butterfly, birds, amphibians, reptiles and mammals), their scientific name, common name and abundance in sacred groves in inland plains of Tamil Nadu.

Non timber forest products as an ecosystem service

A total of 88 plant species belonging to 74 genera and 38 families were enumerated in the six sacred groves.

Medicinal plants as an ecosystem service

There are 163 medicinal plants which are

used by the local inhabitants for healing purposes.

Pollination as an ecosystem service

A study was conducted in all the six sites on the sacred groves found on the inland plains of Tamil Nadu and baseline information was collected about important pollinators in the sacred groves. Butterfly, bees, moths and fruit eating bats were found. The role of pollinators in providing much valued ecosystem services will highlight their important role in ecosystem functioning of SGs and surrounding agro-ecosystems.

Cultural significance of the sacred groves was also recorded.

The final report of the five year research project was compiled including photo documentation and detailed reporting.



4

NATIONAL NATURE CAMPING PROGRAMMES (NNCP)

CPREEC with the support of the Ministry of Environment, Forests & Climate Change (MoEF&CC), organized National Nature Camps (5 camps each) in the states of Tamil Nadu, Karnataka, Odisha and the Union Territory of Puducherry. All the nature camps were organized for NGC school students. The students were deputed by the concerned District Chief Education Officer. Resource persons were invited to interact with the students and explain the importance of nature conservation.

Mudumalai Tiger Reserve, Tamil Nadu

Mudumalai Tiger Reserve is an ideal location for the National Nature Camping Programme and the campers were selected from the schools located on the fringes of Mudumalai Tiger Reserve and Nilgiri District. Most of the campers were selected from the Government and Government Aided schools located on the fringes of Mudumalai Tiger Reserve. The camping students were provided with writing pad, pen, and booklet on *Nilgiri Biosphere Reserve* and sun cap. Five camps were conducted in Mudumalai.

The first nature camp was inaugurated by Ms. Sreedevi, District Educational Officer, Gudalur Educational District on **February 9, 2017**. She stressed the need of such a nature education programme for the betterment of future generations. She explained about the personal health and hygiene and appealed to the campers to make use of the camp to learn to live with nature and protect natural resources.

Since the campers knew a little about the forests and their ecology they could understand the importance of conservation of nature and natural resources. People living on the fringes of the forest reserve experience a conflict with wildlife. These camps help the students to know more about the issue and also teach them how to avoid the conflict. Further, the campers took an oath to spread the importance of nature conservation and to co-ordinate with the Forest Department for better management of forests. Also they gave an assurance to avoid using plastic items at their school and village level. Finally, all the campers pledged to work as green guards and protect India's natural wealth and make it greener.

Batch	Date	Boys	Girls	No. of Students	No. of Teachers	Total
1	February 9 to 11, 2017	52	-	52	4	56
2	February 14 to 16, 2017	-	51	51	5	56
3	February 16 to 18, 2017	52	-	52	3	55
4	February 28 to March 02, 2017	56	-	56	3	59
5	March 02 to 04, 2017	-	59	59	6	65
	Total	160	110	270	21	291



Nature camping students at Mudumalai Tiger Reserve

Bandipur Tiger Reserve, Karnataka

Bandipur Tiger Reserve (BTR) is a major part of the Nilgiri Biosphere Reserve spread over 880 sq.km. in Karnataka State. The various types of forests such as semi-evergreen, dry deciduous, many types of biomes; bird diversity are other attractions for nature lovers in Bandipur Tiger Reserve. The Bandipur Tiger Reserve is an ideal location to learn the benefits of the forest eco system. Considering the importance and suitable site for National Nature camping, CPREEC conducted five national nature camps.

The nature camp was inaugurated by Mr. Heeralal, IFS, Chief Conservator of Forests and Field Director, Bandipur Tiger Reserve on **January 4, 2017**. Mr. Maradimani, IFS, Assistant Conservator of Forests, Bandipur Tiger Reserve also participated in the inaugural function.

The campers were given various activities like painting, writing essays and plays on conservation of nature and natural resources. They were asked to share their experiences and express it in drawings and other forms. The camping students gave

Batch	Date	Boys	Girls	No. of students	No. of teachers	Total
1	January 04 to 06, 2017	20	30	50	4	54
2	January 10 to 12, 2017	24	26	50	4	54
3	January 16 to 18, 2017	32	18	50	4	54
4	February 6 to 8, 2017	25	52	3	55	
5	February 8 to 10, 2017	26	34	60	2	62
Total		129	133	17	279	



**Mr. Raviraj, Environmentalist
interacting with the nature camping
students at Bandipur Tiger Reserve,
Karnataka**



**Nature camping students
at Bandipur Tiger Reserve**

an assurance to avoid using plastic items at the school and village level and pledged to work as green guards and protect India's natural wealth and make it greener.

Odisha

CPREEC organized five nature camps wherein 309 participants comprising of students and teachers from 32 schools took part in an exposure to different natural places in Odisha. School students were deputed by the concerned District Education Officers, Education Department, Government of

Odisha. These visits include introducing indigenous flora and fauna, identifying native tree species, and discussing the impacts of ecosystem destruction and the need to protect wildlife. The natural place also hosts awareness camps that have the aim of motivating the students to take measures to safeguard the environment. The nature camp aims to foster increased communication, cooperation, and connection amongst a diverse group of students and adults while simultaneously connecting with and learning about the environment.

Sl. No.	Date	Camp Place/Name	No. of Participants
1.	February 06 – 08, 2017	Khordha (Jayadev Pitha and Balukhand Wildlife Sanctuary, Puri)	66
2.	February 18 – 20, 2017	Jharasuguda (Sambalpur Hirakud Dam, Debrigarh Wildlife sanctuary and Sambalpur Zoo)	70
3.	February 22 – 24, 2017	Bhadrak (Bhitarkanika National Park, Dangamal, Kendrapada)	60
4.	February 22 – 24, 2017	Kendrapada (Bhitarkanika National Park, Gupti, Kendrapada)	61
5.	February 25 – 27, 2017	Kandhamal (Daringibadi, Kotgarh Wildlife Sanctuary, Baliguda, Kandhamal)	52
		Total	309



Nature camping students at the nursery of Debrigarh Wildlife Sanctuary, Jharasuguda, Odisha



Nature camping students documenting tree species at the Kotgarh Wildlife Sanctuary, Baliguda, Kandhamal, Odisha

Puducherry Union Territory

CPREEC in collaboration with the State Training Centre, Department of Education, Government of Puducherry organized five nature camps (3 camps at Auroville Botanical Garden and 2 camps at the Aaranya Forest & Sanctuary) for **256** school students of National Green Corps (NGC) schools in Puducherry and Karaikal.

The inaugural function of the nature camps was organized at the Auroville Botanical Garden on **January 19, 2017**. Mr. P. Boopathy, Lecturer, State Training Centre (STC) welcomed the chief guests, resource persons and the camping students. Dr. T. Sundaramoorthy, Assistant Director, CPREEC gave a brief

introduction to the nature camp and explained the objectives of the camps. Mr. Paul Blanchflower, Director, Auroville Botanical Garden was the guest of honour and spoke to the students.

Mr. V. Ranganathan, Officer on Special Duty (OSD), State Training Centre, Department of Education, Government of Puducherry inaugurated the camp and delivered the inaugural address. He asked the camping students to be responsible citizens in protecting the natural environment. He said that the students could play a pivotal role in bringing out the desired change in society. He distributed camping kits to the camping students and asked the students to enjoy the camp and live in harmony with nature.

Camp	Date	Camp Venue	Boys	Girls	Teachers	Total
1	January 19 to 21, 2017	Auroville Botanical Garden	-	50	5	55
2	January 19 to 21, 2017	Aaranya Forest & Sanctuary	50	-	5	55
3	January 30 to February 01, 2017	Auroville Botanical Garden	32	19	4	55
4	January 30 to February 01, 2017	Aaranya Forest & Sanctuary	26	29	5	60
5	February 01 to 03, 2017	Auroville Botanical Garden	50	-	5	55
	Total		158	98	24	280



Nature camping students in groups involved in biodiversity study using Quadrat method at the Botanical Garden, Puducherry



Nature camping students on a nature walk at the Aaranya Forest & Sanctuary, Puducherry

All the students participated in group activities like painting, essay writing and drawing competition. The students created creatures by pasting dried leaves. The students were asked to

share their experience and speak a few words. A questionnaire was also filled by the students. At the end of the day, participation certificates were distributed to all the camping students.



GLOSSARY OF ENVIRONMENTAL TERMS

As requested by the MoEF&CC for inclusion in the Ministry's website, CPREEC has prepared a glossary comprising of

- ❖ **Key Terminologies on Climate Change** – 41 pages
- ❖ **Glossary on Environment** – 183 pages

It was submitted to the Adviser, MoEF&CC.

5

CELEBRATIONS

EARTH DAY CELEBRATIONS – APRIL 22

CPREEC in collaboration with the US Consulate, Chennai organized a tree planting event at our premises. The Consul General and the Honorary Director of CPREEC each planted a tree sapling and saplings of native species were distributed to the

members of the Environmental Federation of India and the school students of Brotherhood Matriculation Higher Secondary School, Chennai. The school students were also provided with GLOBE Kit.

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY – MAY 22

CPREEC's Field office at Ooty organized a programme for youth at Nadugani Gene Pool, Gudalur in Nilgiris district. Shri. E.N. Manoharan, Range Office (i/c) Gene Pool, Nadugani, Gudalur, Nilgiris inaugurated the programme and addressed the participants. Smt. S.K. Gomathi, Curator, Gene Pool, Nadugani, Shri. V. Sivadass and Shri. F. Robert NGC Co-ordinator attended the programme and served as resource persons. The students were taken around the gene pool and made to understand the importance of biodiversity conservation and the need to protect native species.

CPREEC's state office at Hyderabad organized a programme for school children on May 21 and 22, 2016. A total of 120 students from ten districts who had participated in the State government sponsored residential

camps from 100 schools were taken around the Salivahana Park at Dilsukh Nagar in Hyderabad. Students were made to understand the importance of small creatures and birds in the web of life. Painting and essay writing competitions were organized and prizes distributed to the winning students.



Smt. S.K. Gomathi, Curator, Gene Pool, Nadugani, Gudalur, The Nilgiris explaining the biodiversity wealth of Nilgiri Biosphere Reserve

NATIONAL YOUTH DAY CELEBRATIONS

**Mr. A. Gopal, Project Officer, CPREEC Andaman & Nicobar Islands
addressing the youth on digital payments at Pahargaon village
in South Andamans**

Every year, January 12th is observed as National Youth Day celebrating the birthday of Swami Vivekananda. CPREEC organized the programme at Pachaiyappa's College, Chennai. Mr. Sanoj Kumar Potdar, Chief Manager, Punjab National Bank, Teynampet Branch, Chennai, briefed the students about digital payments and its services like cards (like prepaid card, debit card and credit card), Unified Payment Interface (UPI), e-wallet, Aadhaar Enabled Payment System (AEPS) and Unstructured Supplementary Service Data (USSD).

CPREEC's office at Port Blair, Andaman & Nicobar Islands organized two awareness programmes for youth to commemorate National Youth Day. The programmes were organized at Pahargaon village and Pathergudda village in South Andaman. Mr. A. Gopal, Project Officer, CPREEC addressed the three basic digital components of digital financial services: a digital transactional platform, retail agents and the use by customers and agents of a device, usually a mobile phone, to transact via the platform.

6

RESEARCH AND SURVEYS – CPREEC ENVIRONMENTAL LABORATORY

CPREEC's Environmental Laboratory obtained NABL Accreditation for analyzing 27 parameters in water and waste water during April 2016.

The onsite surveillance audit was carried out by NABL Lead Assessor and Observer during March 2017. The photometric parameters such as fluoride, nitrate, nitrite, iron, hexavalent chromium and phosphorus were included.

As part of NABL Accreditation, our laboratory participated in the Inter Laboratory Comparison (ILC) programme conducted for water and waste water by Vashinis Estest Lab, Chennai

The following analysis was carried out in our laboratory since April 2016.

- ❖ Analyzed 4 nos. of Adyar river water samples
- ❖ Ambient air quality survey was carried out at Guindy Industrial Estate, Madhya Kailash in Adyar and Alwarpet in Chennai Corporation
- ❖ Ambient air quality, water quality and noise level survey was carried out at the Guindy Industrial Estate area in Chennai
- ❖ Analyzed 7 nos. of soil samples for research purposes submitted by Presidency College, Chennai
- ❖ Analyzed 3 nos. of vermicomposting extract samples submitted by

Justice Basheer Ahmed Sayeed
College for Women, Chennai

- ❖ Collected 20 nos. of lake water samples from the following lakes in and around Chennai, namely, Adambakkam lake, Madipakkam lake, Narayanapuram lake, Pallavaram lake, Pallikaranai lake, Perumbakkam lake, Porur lake, Sembakkam lake, Sithalapakkam lake, Sunnambukolathur lake and Velachery lake and analyzed the chemical and biological parameters.
- ❖ Analyzed 26 nos. of commercial water samples (tube well water, ground water and treated water) received from individuals in Chennai city
- ❖ Prepared 25 nos. of portable water testing kits for distribution to schools.
- ❖ Analyzed 7 nos. of e-waste contaminated extract solutions for research purposes submitted by the Madras Christian College, Chennai
- ❖ Analyzed 8 nos. of soil mixed with e-waste contaminated extract solutions for research purposes submitted by the Madras Christian College, Chennai
- ❖ Analyzed 1 no. of leaf material for lead content for research purposes submitted by the DG Vaishnav College, Chennai

The programmes were carried out of CPREEC's own funds.

7

ENVIRONMENTAL EDUCATION

SACRED GROVE CONSERVATION

CPREEC has been restoring sacred groves since 1994. The sacred grove site at Rameswaram in Ramanathapuram district in Tamil Nadu is being maintained well. CPREEC has formed a *rasi vanam*, *nakshatra vanam* and medicinal plant garden. Casualty replacement of plants was carried out. A caretaker is looking after the site and maintaining the site. The programmes were supported financially by the C.P. Ramaswami Aiyar Foundation.

CPREEC's exhibition on **Green Pilgrimage for a Clean India** (on Swachh Bharat) was put up at Rameswaram Heritage Building for the benefit of visitors and the general public.

ENVIRONMENTAL HISTORY OF INDIA

With financial support from the Indian Council of Historical Research (ICHR), Ministry of Human Resource Development, Government of India, CPREEC is implementing a special project titled "Environmental History of India". The field of environmental history is relatively new and there are few comprehensive works on the subject. Thus this project will provide an understanding on the inter-relationship of environment and

history from the ancient period to the modern period.

The Volume 1 on the topic Environmental History of India is underway.

STEP PROJECT

CPREEC was sanctioned a project by the Ministry of Women and Child Development, Government of India under **Support to Training and Employment Programme for Women (STEP)** to organize **Training in Nursery Raising, Fodder Development and Raising Fruit Saplings** among rural women in Kunnam Village, Kanchipuram District in the state of Tamil Nadu.

Training programmes on fodder cultivation, nursery raising and various budding, grafting techniques were organized. The women beneficiaries raised fodder in Kunnam village. Intermediary crops were also raised along with the fodder crops. After the plants attained the required growth in height and ideal for the livestock to consume, the women beneficiaries were provided with a sickle to harvest the fodder. A book in Tamil on the title of the project was specially prepared for distribution to the women.

In order to motivate the women beneficiaries to raise a kitchen garden



Training women beneficiaries of STEP project on fodder cultivation and plant cultivation techniques

and to earn additional income, saplings of portia, pungam, guava, mango and lemon and seed varieties of cluster beans, ladies finger, bitter gourd and drumstick were distributed to all the women beneficiaries.

CAPACITY BUILDING WORKSHOPS ON ISLAND BIODIVERSITY CONSERVATION

CPREEC was sanctioned a project by the National Biodiversity Authority (NBA), Government of India for organizing Capacity Building workshops on "Island Biodiversity Conservation" for the pre-service teachers of Andaman & Nicobar Islands.

The main objective of the workshop was to motivate the teacher trainees to set an example to their students and involve themselves in biodiversity conservation, thereby protecting and safeguarding the pristine ecology of the Andaman & Nicobar Islands as they are bound to become teachers in the Islands itself on completion of their teacher training course.

The workshops were organized for **246 teacher trainees** of the Tagore Government College of Education (TGCE), Port Blair and **151 teacher trainees** of Dr. S. Radhakrishnan District Institute of Education and Training (DIET), Garacharma during the month of April 2016. All the participating teacher trainees of the workshops were taken on exposure visits (8 exposure visits) in batches to Carbyn Cove Mangrove Patch, Burmanallah Mangrove Patch, Chidiyatapu Reserve Forest, Biological Park, Chidiyatapu, Sodakalan Wetland, Sippighat Wetland, Botanical Garden of the Botanical Survey of India, Nayashehar, Wandoor Marine National Park, Marine Interpretation Centre, Wandoor and Wandoor Mangrove Patch.

All the teacher trainees were provided with a resource kit comprising of a book on *Biodiversity* in English, scribbling pad, pen, pencil and an eraser.

For the first time, 397 teacher trainees got an opportunity to learn about the



Shri. Shivendra Mehta, Range Officer interacting with the participants at the Biological Park, Chidiyatapu



Dr. Vivek, Botanical Assistant, Botanical Survey of India interacting with the students during the exposure visit to the Botanical Garden, Nayashehar

biodiversity conservation aspects in detail. Refresher workshops for the participants after joining the service as teachers will be highly useful for the implementation of biodiversity conservation education.

CAPACITY BUILDING WORKSHOPS ON BIODIVERSITY CONSERVATION FOR THE TEACHER TRAINEES OF DIETs OF NILGIRI BIOSPHERE RESERVE

CPREEC received funds from the National Biodiversity Authority (NBA), Government



DIET Perundurai, Erode, Tamil Nadu

of India for organising capacity building workshop cum field visits of one day duration on Biodiversity Conservation for the teacher trainees of District Institute of Education & Training (DIETs) in the states of Tamil Nadu and Karnataka.

In Kerala, two workshops were organised for the teacher trainees of Calicut University Teacher Education Centre (CUTEC) at Poomala in Sulthan Bathery, Wayanad and two workshops for the teacher trainees of Calicut University Teacher Education Centre (CUTEC) at Koduvayur, Palakkad, Kerala.

All the teacher trainees were provided with a resource kit comprising of a book on *Biodiversity* in English, scribbling pad, pen, pencil and an eraser.

CPREEC conducted the following workshops.

Dates	DIET/ State	Name of the Sanctuaries / National Parks / Tiger Reserves	No. of teacher trainees	No. of Faculty Members	Total
December 20, 2016	DIET, Perundurai Erode, Tamil Nadu	Gundri, Sathyamangalam Tiger Reserve, Erode	46	4	50
December 21, 2016	DIET, Perundurai, Erode, Tamil Nadu	Gundri, Sathyamangalam Tiger Reserve, Erode	48	3	51
December 27, 2016	DIET, Kotagiri, Nilgiris, Tamil Nadu	Mudumalai Tiger Reserve, Nilgiris	34	4	38
December 28, 2016	DIET, Kotagiri	Mudumalai Tiger Reserve, Nilgiris	25	9	34
January 19, 2017	DIET, Mysore, Karnataka	Bandipur Tiger Reserve	30	4	34
March 21, 2017	Calicut University Teacher Education Centre (CUTEC), Poomala Sulthan Bathery. Kerala	Wayanad Wildlife Sanctuary, Wayanad	47	2	49
March 22, 2017	Calicut University Teacher Education Centre (CUTEC), Poomala Sulthan Bathery, Kerala	Wayanad Wildlife Sanctuary, Wayanad	28	3	31

Dates	DIET/ State	Name of the Sanctuaries / National Parks / Tiger Reserves	No. of teacher trainees	No. of Faculty Members	Total
March 27, 2017	Calicut University Teacher Education Centre (CUTEC), Koduvayur, Palakkad, Kerala	Kava Forest, near Malampuzha Dam, Palakkad	41	3	44
March 28, 2017	Calicut University Teacher Education Centre (CUTEC), Koduvayur, Palakkad, Kerala	Kava Forest, near Malampuzha Dam, Palakkad	49	3	52
		Total	348	35	383

**DIET Mysore, Karnataka****CUTEC, Koduvayur, Palakkad, Kerala**

8

WIPRO's EARTHLIAN PROGRAMME

Training Teachers

A total of twenty (20) workshops for teachers on **"Education for Sustainable Development and Biodiversity Conservation"** were organized in the states of Tamil Nadu, Kerala, Karnataka, Goa, Andhra Pradesh, Telangana, Odisha and the Union Territories of Puducherry and Andaman & Nicobar Islands.

The aim of the teachers' orientation programmes is to promote sustainability thinking and initiate them to form student project groups. The teachers on completion of training will initiate the student groups on environmental activities to address the environmental

challenges of our country. The groups of students will be active over the year in the schools. Supportive resource materials were also provided to the teachers and students.



Workshop for teachers on Education for Sustainable Development and Biodiversity Conservation in Chennai

State/UTs	Place	Date of workshop	Venue	Schools	Teachers
Tamil Nadu	Erode	30 June 2016	Mayura Karthikeyan Matriculation Higher Secondary School, Chithode, Erode	32	53
	Chennai Greater Chennai Thiruvallur	08 July 2016	CPREEC Convention Centre, Chennai	61	63

State/UTs	Place	Date of workshop	Venue	Schools	Teachers
	Kotagiri	16 July 2016	Panchayat Union Hall, Kothagiri	22	32
	Gudalur	19 July 2016	Government Boys Hr.Sec, Gudalur	16	17
	Chennai Greater Chennai Thiruvallur	26 July 2016	CPREEC Convention Centre, Chennai	24	34
	Cuddalore	29 July 2016	St. Joseph's Higher Secondary School, Manjakuppam, Cuddalore	46	48
Karnataka	Tumakuru	08 July 2016	DIET,Tumakuru	44	47
	Hassan	04 August 2016	SGR School Campus, Hassan	38	42
Kerala	Palakkad	15 July 2016	Hotel Gazana, Palakkad	21	33
	Thiruvananthapuram	09 August 2016	Museum Hall, Thiruvananthapuram	36	50
Puducherry	Puducherry	28 July 2016	State Training Centre, Department of Education	54	54
Andhra Pradesh	Vishakapatnam	14 July 2016	Sri Chaithanya School, Vishakapatnam	106	110

State/UTs	Place	Date of workshop	Venue	Schools	Teachers
Telangana	Guntur, Amaravathi	20 July 2016	District Common Examination Hall, Urdu High School, Guntur	91	92
	Hyderabad	03 August 2016	Zilla Parishad High School, Saroornagar, Ranga Reddy District	70	76
Andaman & Nicobar Islands	Port Blair	21 July 2016	Tagore College of Education, Port Blair	43	60
	Wimberly-gunj	26 July 2016	Office of the Deputy Education Officer, Training Hall, Wimberlygunj	37	60
Odisha	Cuttack	06 August 2016	Cuttack Collegiate High School, Cuttack	45	45
	Jagatsingh-pur	31 July 2016	Markanda High School, Jagatsinghpur	49	49
Goa	Panaji	23 September 2016	Goa Chamber of Commerce & Industries, Panaji	59	63
	Panaji	23 September 2016	Goa Chamber of Commerce & Industries, Panaji	50	50
Total		20 workshops		944	1078

Orientation programme for students

Orientation programmes on “**Education for Sustainable Development and Biodiversity Conservation**” were organized for school students and they were advised to perform group activities on two thematic areas i.e. water and biodiversity in the states of Tamil Nadu, Kerala, Karnataka, Goa, Andhra Pradesh, Telangana, Odisha and the Union Territories of Puducherry and Andaman & Nicobar Islands as detailed below:

and to honour the sincere efforts of school students who submitted project reports on Water and Sustainability and Biodiversity Conservation. In total, twelve regional events were organized in all the States and Union Territories where we organized teachers and students orientation programmes. All the school students who have submitted their project reports were given participation certificates and the regional winners were honoured with mementos and shawls.

State	City	No. of students
Kerala	Palakkad	65
	Thiruvananthapuram	25
Tamil Nadu	Nilgiris	86
	Erode	49
	Chennai, Thiruvallur & Kanchipuram	200
	Cuddalore	172
Goa	North and South Goa	127
Karnataka	Tumakuru	305
Odisha	Cuttack & Jagatsinghpur	122
Andhra Pradesh	Guntur & Visakhapatnam	325
Telangana	Hyderabad	164
Andaman & Nicobar Islands	Port Blair & Wlumberlygunj	276
Puducherry	Puducherry	183
Total		2099

Regional recognition events

Regional recognition events were organized in the entire CPREEC network States and Union Territories to recognize

National Award

Four schools from the CPREEC network won the national award of Earthian 2016 and were awarded at the national ceremony held at WIPRO, Bengaluru.

The schools are...

- ❖ L'ecole Chempaka International, Silver Rocks, Edavacode, Sreekariyam, Thiruvananthapuram, KERALA
- ❖ Kamaraj English Medium School, Sr. Sec. School, Brookshabad, Port Blair, ANDAMAN & NICOBAR ISLANDS
- ❖ Sree Gurukul, Siddarameshwara Extension, Batawadi, Tumakuru, KARNATAKA
- ❖ Mahalakshmi High School, Kudne, Sanquelim, GOA



**National level winners from CPREEC
network schools of WIPRO Earthian
Awards at Bengaluru**

The programmes were funded by M/s. WIPRO, Bangalore.



9

GO-VEGETARIAN PROGRAMME FOR SCHOOL STUDENTS

GO-VEGETARIAN PROGRAMME FOR SCHOOL STUDENTS

To popularize the benefits of vegetarianism among school students, CPREEC implemented a programme titled Go-Vegetarian programme among school students of Std VI, VII and VIII from various schools in the Nilgiris, Chennai, Tumakuru, Guntur and Cuttack funded by HSI – India. CPREEC covered **50,115** students in the above cities.

Generation and printing of resource materials

The following resource materials were printed in English and other regional languages like Tamil, Telugu, Kannada and Odiya for distributing to the participating students.

- ❖ Pledge card on being vegetarian
- ❖ Pamphlet on *Kindness Kids*
- ❖ Activity Sheets
- ❖ Wall Papers to participating schools

Students were asked to express their views on “Animal Welfare” in art form for which the students were provided with the required stationery.

- ❖ Crayons
- ❖ Pencil
- ❖ Sharpener
- ❖ Eraser
- ❖ Drawing Sheet/ Art Sheet
- ❖ Pouch to hold the above

School programmes

The programmes were conducted in collaboration with the concerned State Education Departments. The schools were identified by the District Education Office and prior permission was obtained to conduct the programmes in the identified schools in the above cities.

The staff members visited the schools and interacted with the school authorities to carry out the programmes on vegetarianism, animal welfare, etc. A PowerPoint presentation on *Animals in Distress* followed by a talk was organized for school children. The students were also shown a video film titled “Where is our food coming from?”.

The students enthusiastically expressed their views while drawing on vegetarianism and being kind to animals. The drawing sheets were collected from the school students.

The details of programmes completed are given below:

	Chennai Tamil Nadu	Nilgiris Tamil Nadu	Guntur Andhra Pradesh	Tumakuru Karnataka	Cuttack Odisha
No. of schools covered	30	83	28	45	20
No. of students covered	10,009	10,011	10,045	10,050	10,000

Pledge Card

The pledge cards signed by the students with the consent of their parents / teachers on becoming vegetarian were collected in all the cities.

Cities covered	No. of Pledge Card distributed	No. of Pledge Card received
Chennai, Tamil Nadu	9,200	4,500
Nilgiris, Tamil Nadu	5,000	3,265
Guntur, Andhra Pradesh	8,000	5,000
Tumakuru, Karnataka	5,500	5,220
Cuttack, Odisha	10,000	9,120



**Programme at St. Joseph's Girls
High School, Odisha**



**Programme at Zilla Parishad
High School, Pedavادلapudi,
Guntur district, Andhra Pradesh**



**Programme for the students of
St. Antony's High School, Kotagiri,
Nilgiris**

10 HUMANE EDUCATION PROGRAMMES

Funded by the Animal Welfare Board of India, Government of India, CPREEC organized a series of workshops for teachers on Kindness to Animals in the state of Tamil Nadu as detailed below: The teachers were deputed by the Chief Education Officer, Villupuram Educational District, Tamil Nadu.

S. No.	District & State	Date	Venue	No. of teachers
1.	Villupuram Tamil Nadu	January 23, 2017	Villupuram Government Girls' Higher Secondary School, Villupuram	52
2.	Villupuram Tamil Nadu	January 23, Villupuram 2017	Government Girls' Higher Secondary School, Villupuram	52
3.	Tindivanam Educational	January 24, 2017 District, Tamil Nadu	Government Girls' Higher Secondary School, Murungampakkam, Tindivanam, Villupuram	56
4.	Kallakurichi Educational	January 25, 2017 District, Tamil Nadu	Government Boys' Higher Secondary School, Kallakurichi, Villupuram	36
			Total	196



**Workshop for teachers on Humane Education at
Tindivanam Educational District,
Villupuram District, Tamil Nadu**



11

VIKASPEDIA TAMIL PORTAL

Vikaspedia is a national level initiative through India Development Gateway under the Department of Electronics & Information Technology (DeitY), Ministry of Communication and Information Technology, Government of India and it is executed by the Centre for Development of Advanced Computing (C-DAC), Hyderabad.

As a state nodal agency, CPREEC maintains the Vikaspedia web portal in Tamil, collects, collates, reviews, moderates and enriches the portal with useful information related to state specific welfare programmes of the Government of Tamil Nadu. It also popularizes the web portal through various outreach activities by organizing capacity building workshops among various stakeholders, using the social media, etc.

Digital India Initiative: In order to popularize the Digital India initiative of the Government of India, CPREEC organized community level events. A Digital India workshop was organized at Puducherry University; workshop for Advocates at the Madras High Court; the workshop for staff members of the Office of the Collectorate and Tahsildars at Tiruvannamalai; the workshop for agriculture students and lecturers of Thanthai Roever Institute of Agriculture and Rural Development (TRIARD) at

Perambalur and the workshop for members of Common Service Centres (CSCs) of the Government of Tamil Nadu at Tiruppattur.

Digital Payments (Digital Financial Services)

Considering the urgency of financial transformation of the country and Government of India's aggressive campaigning of Digital Financial Services, CPREEC, made its efforts all over the country in educating the masses about the importance of digital payments under the Vikaspedia outreach programmes in schools, colleges and communities.

Awareness through traditional folk art programmes (*Therukooththu*) was performed at Puducherry Union Territory,



**Digital Payments Programme at
Government Senior Secondary
School, Bhathu Basthi, Port Blair,
Andaman & Nicobar Islands**



**Vikaspedia Digital India Initiative
programme at the
Madras High Court, Chennai**

Cuddalore and Villuppuram districts in Tamil Nadu from **December 27 to 31, 2016**. In total, 20 programmes were conducted reaching out to 13,585 participants comprising of DIET students, youth and general public.

Outreach programmes: Six District Level Programmes were carried out as detailed below:

District	Participants
Tiruvannamalai	89
Perambalur	81
Kanyakumari	79
Madurai	101
Namakkal	160
Theni	109
Total	619

Newsletters: Monthly newsletters in Tamil were uploaded in the web portal.

WebPages: A total of 6,430 pages were uploaded in the Web portal on various domains

Videos: 102 videos were uploaded in the portal for the benefit of the visitors

YouTube: 100 videos were added in the Vikaspedia YouTube channel

Resource materials: Five illustrative posters and stickers were designed, developed and circulated for popularization of the portal among the stakeholders.

Community Radio events: Five Community Radios were tapped for dissemination of information on Vikaspedia Portal.

Community level events: Community level events to popularize Vikaspedia were organized for the students of the Madras Christian College on **February 7, 2017** and Rural Participatory Conclave for farmers of Uthangarai in Krishnagiri district on **March 3, 2017**.

Regional event: Regional level Vikaspedia volunteer's workshop was organized in Chennai on **February 24, 2017**

Review of articles: So far, 1,269 articles have been reviewed

Mass media campaigns: Whatsapp groups with over 800 members were created for popularization and volunteerism.



**Vikaspedia – Rural participatory
conclave for farmers at
Uthangarai in Krishnagir District**



**Vikaspedia district level workshop in
Tiruvannamalai in Tamil Nadu**



12 SEMINARS

IS CHENNAI PREPARED FOR THE MONSOON?

CPREEC organized a seminar on **Is Chennai Prepared for the Monsoon?** at Chennai on Saturday, October 8, 2016. Dr. S.R. Ramanan, Former Director, Area Cyclone Warning Centre, Regional Meteorological Centre spoke on **Rainfall Patterns of Chennai** and

Prof. S. Janakarajan, Visiting Fellow, Madras Institute of Development Studies spoke on **Status of storm water drains of Chennai**. A discussion session was organized at the end of the seminar and both the speakers answered the queries raised by the participants of the seminar. The seminar was conducted out of CPREEC's own funds.



Prof. S. Janakarajan, Visiting Fellow, Madras Institute of Development Studies, Chennai answering the queries raised by participants of seminar on “Is Chennai Prepared for the Monsoon?”



13

**SCIENTIFIC AND TECHNICAL TERMINOLOGY IN
BIODIVERSITY OF
ANDAMAN & NICOBAR ISLANDS**

CPREEC's Field Office in the Andaman & Nicobar Islands organized a National Seminar on **Scientific and Technical Terminology in Biodiversity of Andaman & Nicobar Islands** on November 15 and 16, 2016. The seminar was sponsored by the Commission for Scientific and Technical Terminology (CSTT), Department of Higher Education, Ministry of Human Resource Development, Government of India. The seminar was organized at the Tagore Government College of

Education, Port Blair. Shri. M.S. Negi, IFS, Principal Chief Conservator of Forests (Wildlife) inaugurated the workshop.

A total of 100 participants from various departments of the Andaman & Nicobar Administration, educational institutions and research institutions attended the workshop. Dr. S. Dam Roy, Director, ICAR – Central Island Agricultural Research Institute (CIARI) delivered the valedictory address and distributed certificates to the participants.



**Seminar on Scientific and Technical Terminology in
Biodiversity of Andaman & Nicobar Islands held at Port Blair**



PUBLICATIONS

CPREEC brought out the following publications:

- ❖ CPREEC's quarterly newsletter – *ECONeWS* (e-version)
- ❖ Book on *Biodiversity* was updated and reprinted
- ❖ Pamphlet on *Fodder cultivation, nursery raising and raising fruit saplings* in Tamil
- ❖ Books on *Fodder cultivation, nursery raising and raising fruit saplings* and *Women and Environment* in Tamil
- ❖ A disc on *Nursery raising, tree planting and after care* in Tamil



AWARD

Dr. Nanditha Krishna, Honorary Director, C.P.R. Environmental Education Centre received the “**Rotary Madras Day Award**” in recognition of her distinguished service in promoting the rich heritage of Chennai, at the meeting of the Rotary Club of Adyar, on **August 16, 2016**, at Madras Boat Club, Chennai.

14 NATURE INTERPRETATION CENTRES

CPREEC has been sanctioned a project by the Andhra Pradesh Forest Department to design and develop a Nature Interpretation Centre at **Lalacheruvu in Rajahmundry district**.

CPREEC also designed and developed signages and fibre moulds for **Nagaravanam** at **Tirupati** and at **Kurnool and Rajahmundry district** headquarters.



Panels developed for Nature Interpretation Centre at Lalcheruvu, in Rajahmundry District, Andhra Pradesh for Andhra Pradesh Forest Department



Fibre mould signages for Nagaravanam at Rajahmundry in Andhra Pradesh for Andhra Pradesh Forest Department



15 LIBRARY

CPREEC library has a collection of **6,789** books since its inception in the year 1989. The library received 19 complimentary books and purchased 4 new books. The subjects covered vary from Environmental Science, Ecology, Forestry, Biodiversity, Botany, Zoology, Energy, Environmental Law, Environmental Economics, Sustainable Development, Environmental History, Management, Medicinal Plants, Pollution, Water Resources, Women's Studies, Wildlife, Soil Science, etc. The books are classified under Dewey Decimal classification as prescribed for libraries. All the books are maintained in the Auto Lib software systems installed in the library to gain quick access to the books.

Newsletters published by ENVIS Centres in the country are received as complimentary to the library. Newsletters of research and academic institutions are also received by the library. The 'Kindle' for downloading e-books is maintained at the library.

Utilization of the library

CPREEC's environmental library is used as a referral library by research scholars from universities, college and school students. They refer to our library for

preparing their thesis. Academicians and bureaucrats also refer our library for their literary work. CPREEC serves as a source hub for varied subjects like the environmental history of India, environmental science, sacred groves, floral and faunal diversity, wetland conservation, water resources, tribal welfare, urban planning, town planning, smart cities, waste segregation and management, biomedical waste management, e-waste management, animal welfare, etc.

Documenting press clippings

As in the previous years, newspaper clippings on various environmental issues are scanned and documented for references. News clippings on the activities of CPREEC are also being maintained. News articles on various current issues that has been safeguarded are also referred to by avid readers who visit our library. The role of print media in environmental conservation is very vital. In order to solve certain environmental problems in their area, the general public approaches the media to highlight the prevailing issues and find appropriate solutions.

16

LECTURES DELIVERED / WORKSHOPS ATTENDED

- ❖ Dr. Nanditha Krishna presided over the function 'Mathru Devo Bhava', an evening that celebrates revered mothers, organized by Lalitha Arts and Music Promotion Social Trust (LAMPS), Madurai, on **April 16, 2016**.
- ❖ Mr. U. Thirunavukkarasu attended the Exhibition on Eco Restoration Activities of the Chennai Rivers Restoration Trust on **June 06, 2016**.
- ❖ Dr. Nanditha Krishna participated and delivered a talk on 'Cultural and Ethical Values in Hindu Traditions' at the International seminar on Science and Religion Cooperation for Environmental Care (ISREC): Rethinking "Laudato si", held in the Shrine of Torreciudad, Spain, on **June 20 and 21, 2016**.
- ❖ Mr. U. Thirunavukkarasu delivered a guest lecture on '**Climate Change**' for the members of Women's India Association (WIA) at the premises of WIA, Adyar, Chennai, on **June 25, 2016**.
- ❖ Dr. Nanditha Krishna delivered the valedictory address at the National Seminar on 'Environmental and Ecological Awareness in Ancient India' organized by The Kuppuswami Sastri Research Institute, Chennai, on **July 9, 2016**.
- ❖ Mr. U. Thirunavukkarasu attended the National State Nodal Agency Experience sharing and review meeting on **July 14, 15 and 16, 2016** at CDAC, Hyderabad.
- ❖ Mr. U. Thirunavukkarasu delivered a guest lecture on '**Environmental Issues**' for the students of Stella Maris College, Chennai on **July 25, 2016**.
- ❖ Dr. Nanditha Krishna was in conversation with the author Dr. C.K. Gariyali, I.A.S., (retd.) of the book 'My Beautiful Journey – From Kashmir to Kanyakumari' on **September 1, 2016**, at 6.30 p.m. organized by the Madras Book Club and Amethyst.
- ❖ Dr. P. Sudhakar, participated, chaired a session and presented a paper in the international conference for transforming education for children and youth organized by the Centre for Environment Education (CEE), at Ahmedabad on **September 16, 17 & 18, 2016**.
- ❖ Dr. Nanditha Krishna delivered a lecture on "Paradise Lost!? Changing Water Cultures in Chennai and Tamil Nadu" at the Chennai Water Forum, organized by Goethe Institut, Max Mueller Bhavan, at Rukmini Arangam, Kalakshetra Foundation, Chennai, on **October 6, 2016**.

❖ Dr. Nanditha Krishna delivered the welcome address on 50 Golden Years of The C.P. Ramaswami Aiyar Foundation on **October 15, 2016**. Hon'ble Chief Justice, Shri. T.S. Thakur, was the Chief Guest; Dr. Gopalkrishna Gandhi presided over the function; Justice Smt. Prabha Sridevan participated.

❖ Dr. Nanditha Krishna participated and presented an introductory note on 'Hinduism and the Environment' at the workshop on 'Religion and Climate Change in Cross-Regional Perspectives' organized by the American University's Center for Latin American and Latino Studies, co-sponsored and hosted by the Observer Research Foundation, in New Delhi, on **December 8 & 9, 2016**.

❖ Dr. T. Sundaramoorthy served as a Judge – Oratorical Competitions for school students organized by Science City on **January 11, 2017**.

❖ Dr. T. Sundaramoorthy served as a Judge – Oratorical Competitions for college students organized by Science City on **January 18, 2017**.

❖ Dr. T. Sundaramoorthy served as a Member in the Evaluation Committee of student's projects received from Tamil Nadu schools, organized by Science City on **January 25, 2017**.

❖ Mr. U. Thirunavukkarasu attended CAG Founders' Day lecture on '**Urban Water Predicament: a way forward**' by Dr. Mihir Shah, Former Member, Planning Commission of India on **February 11, 2017** at Anna Institute of Management, Chennai.

❖ Mr. U. Thirunavukkarasu delivered a guest lecture on '**Biodiversity Conservation**' for students and faculty members at the Kongu College of Arts & Science, Karur, on **February 15, 2017**.

RADIO TALKS

❖ Mr. U. Thirunavukkarasu prepared a script of '**Vikaspedia dialogue**' – 25 questions for the Panel Presentation (Vallunar Parvai) by team members of Vikaspedia Tamil in VIT Community Radio, Vellore on **November 09, 2016**, at 11.00 hrs.

❖ Mr. U. Thirunavukkarasu gave a **Talk** on '**Vikaspedia Tamil – the role of state nodal agency in Tamil Nadu**', broadcasted on **February 6, 2017, 08.00 to 08.30 p.m** in all primary channels of All India Radio in Tamil Nadu & Puducherry, Kumari FM and Karaikal FM under the programme "Thuraidorum Bharatham" covering the entire state of Tamil Nadu.



17

PRESS CLIPPINGS



20 class X students from The Grove School at Alwarpet participated in a street cleaning event held at Sannidhi Street (near Sri Kapaleeswarar Temple, Mylapore) this week. Equipped with brooms and trash bags, the students went around the area picking up plastic bottles/bags, dry leaves and other garbage.

Posters highlighting the need to keep the environment 'clean and green' and avoid plastics were also displayed by the students.

Capacity Building Workshop on Island Biodiversity Conservation held at TGCE

PORT BLAIR, APRIL 12/ CPREEC organized a one day Capacity Building Workshop on Island Biodiversity Conservation for the pre-service teachers of the Tagore Government College of Education (TGCE), Port Blair, funded by the National Biodiversity Authority (NBA), Government of India, Chennai.

The workshop was organized at the college premises on April 12, 2016.

The main objective of the workshop was to motivate the teacher trainees to set an example to their students and involve themselves in biodiversity conservation thereby protecting and safeguarding the pristine ecology of the Andaman & Nicobar Islands as they are bound to become teachers in the islands itself on completion of their teacher training course.

Mr. Arun Kumar Rathesh, Scientist CIARI & Honorary Coordinator, CPREEC, Port Blair, welcomed the dignitaries and the participants of the workshop. Mr. A. Gopal, Project Officer, CPREEC, gave an introduction to the workshop. Mr. Yogesh, Chief Conservator of Forests (Wildlife), Department of Environment & Forests, Andaman & Nicobar Administration, inaugurated the workshop and delivered the inaugural address. He highlighted the importance of A&N islands biodiversity & its conservation and the teachers' key role in environment protection.

The following topics were handled in the technical sessions:



entists of the Islands.

*Wildlife of Andaman and Nicobar Islands

Mr. Jiss K. Verkey, Assistant Conservator of Forests, Department of Environment & Forests, Andaman & Nicobar Administration

*Faunal diversity of Andaman and Nicobar islands

Mr. P.T. Rajan, Senior Zoological Assistant, Zoological Survey of India, Port Blair

*Floral diversity of Andaman and Nicobar islands

Dr. Lalji Singh, Scientist, Botanical Survey of India, Port Blair

*Conservation of Mangroves of Andaman & Nicobar Islands

Mr. Raymond Jani Angel, Scientist, CIARI, Port Blair

*Need for Biodiversity Conservation of Andaman & Nicobar Islands

Mr. Deb Kumar Bhadra, Technical Officer, Indian Institute of Geomagnetism, Port Blair

*Role of teachers in

Mr. A. Gopal, Project Officer, CPREEC, Port Blair

At the end of the technical session, the pre-service teachers participated in a discussion with the speakers.

A field trip was organized today for the participants. The teacher trainees were taken to a field visit in batches and they were shown the mangrove species, plant species and animal species.



For the field visits, the resource persons were Mr. P.T. Rajan, Sr. Zoological Assistant, Mr. Gautam Bharathi, Sr. Research Fellow, CIARI, Mr. Yesu Rathinam, Dy Director, Biological Park, Chidyatapu, and Mr. Shivendra Mehta, Ranger.

DECCAN CHRONICLE

TUESDAY | 24 MAY 2016 | COIMBATORE

World Bio-diversity Day celebrated at Gudalur

B. RAVICHANDRAN | DC
OOTY, MAY 23

The CPR Environmental Education Centre (CPREC) here organised a programme at Nadugani near Gudalur on Monday to commemorate World Biodiversity Day.

Speaking on the occasion, Mr. M. Kumaravelu, field officer of CPREC said that biodiversity is essential for the survival of every species, as each species is linked to another in a fragile web of life. These form a food chain that links food producers to consumers and maintains ecosystem diversity. There are several food chains, which depending on the environment could be simple or complex. But all food chains are fragile, and if even one link is broken, it sets off a series of reactions that could cause the collapse of the ecosys-

tem.

He stated that the Nilgiri Biosphere Reserve (NBR), the first of its kind in the country and known for its rich biodiversity, comprises substantial un-spoilt areas of natural vegetation ranging from dry scrub to evergreen forests and swamps thus contributing to the highest biodiversity.

The altitude and climatic gradient support and nourish different vegetation types, he explained. "Moist and semi-evergreen, thorn, scrub forests, shola grasslands and swamps are major parts of the NBR. Sholas and grasslands play a vital role in protecting water resources and supplying water round the year to the plains. It is high time that people realize the significance behind conserving bio-diversity in their nearby habitations to maintain the ecological balance," he added.

THE ECHO OF INDIA-PORT BLAIR
Saturday-July 23, 2016

A & N Islands, Nation 3

Workshop on environmental issues held

PORT BLAIR, JULY 22 / - / C. P. R. Environmental Education Centre in collaboration with the Science wing of directorate of education and WIPRO - Earthian organized a daylong workshop on 21st July, at Tagore Govt. College of Education, here. The workshop was inaugurated by Mr. Agni Mitra IFS, Director, Department of Science and Technology, A&N Administration. In his inaugural address, he pointed out the environmental issues of these islands, climate change, problems of biodiversity loss and educators role in conservation. Mr. Mammen Thomas, Dy. Director Education (Sc.), Directorate of Education was guest of honour on the occasion.

The programme involves innovative project submissions on sustainability of water and biodiversity by groups of students guided by a teacher. The programme aims at promoting environmental thinking among the school going chil-



dren. Ten best schools will be selected at the National level by the Earthian and awarded Rs. one lakh each. All participating teachers and students will be given a participation certificate. Earthian recognition shields to the best project submissions at the regional level will also be awarded.

Earlier, Dr. Kirubasankar, Coordinator, CPREC, Port Blair welcomed the gatherings. Dr. A. Velmarugan, Sr. Scientist delivered a lecture on Water resources and Sustainability. Mr. P. T.

Rajan, Sr. Zoological Assistant, Zoological Survey of India. Mr. DebKumar Bhadra, Technical Officer, Indian Institute of Geomagnetism delivered a lecture on Water and Sustainability: Frame work and Earthian activities. Mr. A. Gopal Project Officer, CPREC discussed the sustainability education in school curriculum, biodiversity & sustainability: Frame work and Earthian activities and proposed vote of thanks.

CPREEC organizes Workshop on Island Biodiversity Conservation



100%

The Daily Friday
Telegrams April 15, 2016
The Largest Circulating Daily of A.D.N. Islands

(Contd. on last page)

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23.4.2016
SATURDAY

Chennai
CITY Express


NASA's Global Kit for City Students

● Express News Service

The first ever 'Earth Day' observed on April 22 1970, was the result of millions of students from school and universities in the US who took to the streets demonstrating for a healthier environment. It was the first time environmental issues reached the front pages of the press. Keeping in mind that students have the power to bring about monumental change, the US consulate in association of the C P Ramaswamy Aiyer Environmental Education Centre distributed plant saplings and 'global kits' to students from different schools in the city on Friday.

The 'global kit' developed by NASA and National Science Foundation will help students take part in a global process to combat climate change. The 'global kit' contains instruments and equipment that would allow students to test and conduct experiments on the turbidity of the soil, the temperatures of the city, quality of the water, pollution content in area. Besides these regular experiments, students also get a chance to handle equipment that determine the canopy cover in an area, the height of a tree or tracing back her steps if she were lost.

Dr P Sudhakar, joint secretary of C P R Environmental centre, said, "Their experiments with these tools will allow them to make their data collection a global procedure so the NASA would be able to determine the quality of the earth in different parts of the world. US consulate general Philip Min encouraged the student to use the kits with passion and join the "go green revolution!"



US Consul Gen Philip Min waters saplings ● R Satish Babu

A & N Islands, Nation 3

T-4. ECHO OF INDIA-PORT BLAIR
Saturday, July 23, 2016

Workshop on environmental issues held

PORT BLAIR, JULY 22 / - / C. P. R. Environmental Education Centre in collaboration with the Science wing of directorate of education and WIPRO - Earthian organized a daylong workshop on 21st July, at Tagore Govt. College of Education, here. The workshop was inaugurated by Mr. Agni Mitra IFS, Director, Department of Science and Technology, A&N Administration. In his inaugural address, he pointed out the environmental issues of these islands, climate change, problems of biodiversity loss and educators role in conservation. Mr. Mammen Thomas, Dy Director Education (Sc.), Directorate of Education was guest of honour on the occasion.

The programme involves innovative project submissions on sustainability of water and biodiversity by groups of students guided by a teacher. The programme aims at promoting environmental thinking among the school going chil-



dren. Ten best schools will be selected at the National level by the Earthian and awarded Rs. one lakh each. All participating teachers and students will be given a participation certificate. Earthian recognition shields to the best project submissions at the regional level will also be awarded.

Earlier, Dr. Kirubasankar, Coordinator, CPREEC, Port Blair welcomed the gatherings. Dr. A. Velmurugan, Sr. Scientist delivered a lecture on Water resources and Sustainability. Mr. P. T.

Rajan, Sr Zoological Assistant, Zoological Survey of India, Mr. DebKumar Bhadra, Technical Officer, Indian Institute of Geomagnetism delivered a lecture on Water and Sustainability: Framework and Earthian activities. Mr. A. Gopal Project Officer, CPREEC discussed the sustainability education in school curriculum, biodiversity & sustainability: Framework and Earthian activities and proposed vote of thanks.

சுமரி மாவட்ட சிசய்திகள்



A. தாய்வோதனிகள் தனக்கென்று முயலும், ஏதாவது சம்பாதிக்கும் தகவல் பதிவுத்து தங்கள் பெற்றோர் கவனிக்க, அங்கு, ஆட்சிக்கு அளவுகெட்டு வரும் போலீஸ்காரர் அருகில் அங்கு, முதுகை எல்லை அழித்து விடுவான்.

**அரசு அலுவலர்களுக்கு
விகாஸ்பீடியா பயிற்சி**

[illegible]



Promoting environmental thinking among school children



Port Blair, July 24

C.P.R. Environmental Education Centre, in collaboration with the Science Wing of Directorate of Education and WIPRO - Earthian organized a day workshop yesterday at TGCE here. The workshop was inaugurated by Shri. Shri. Agni Mitra, Director, Department of Science and Technology. Speaking on the occasion, he pointed out the environmental issues of these islands,

climate change, problems of biodiversity loss and educators role in conservation. Shri. Mammen Thomas, Dy. Director Education (Sc.), Directorate of Education was guest of honour on the occasion.

The C. P. R. Environmental Education Centre in collaboration with WIPRO - Earthian has taken up a Sustainability Education Programme in South India. The

(Contd. on last page)

Promoting ...

(Contd. from page 1)

programme involves innovative project submissions on sustainability of water and biodiversity by groups of students guided by a teacher. The programme is creative in promoting environmental thinking among the school going children (Std. VII to XII) which is highly connected to the curriculum. Ten best schools will be selected at the National level by the Earthian and awarded one lakh each. Earthian recognition shields to the best project submissions at the regional level will also be awarded.

Earlier, Dr. Kirubasankar, Coordinator, CPREEC, Port Blair welcomed the gatherings, a communication said.

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NEWS TODAY
CHENNAI

Mixed Bag

SUNDAY
9 OCTOBER 2016 7

'Changing weather patterns cause heavy rainfall'

❑ Poor maintenance of water bodies leads to problems for Chennai: Expert

NT Bureau

Chennai, Oct 9: It is hard to forget last December's deluge. But more than that, the thoughts about whether we had taken the precautionary measures or not is even more excessive. So to answer this very basic question, C P Ramaswamy Aiyer Foundation organised a meet at its premises here yesterday. The event witnessed experts including former Director of Regional Meteorological Centre - Chennai S R Ramesan and president of South Asia Consortium for Inter-Disciplinary Water Resource Studies, Janakiraman. While Ramesan spoke about rainfall patterns, Janakiraman spoke about flood-disaster management.

Ramesan said, 'Earth is tilted 23.5 degrees from normal and when it rotates tilted with respect to the sun, there is change in weather conditions. The portion of the Earth near the sun is hot while the portion away from the sun is cold. This change in weather condition is the reason for rainfall. If we go even more deeper, the change in weather condition

causes development of trade winds like Easterlies and Westerlies. When these winds flow from high pressure area to low pressure area, sea to land, vice-versa, we get rains as these winds contain heavy amount of moisture which lead to precipitation and rainfall.'

'During storms and cyclones, land winds and sea winds get mixed-up, circulate and cause maximum rainfall. During the last December floods, the Indian peninsula had a dumbbell-shaped wind pattern which was the reason why there was heavy rainfall,' he added.

'But when we consider European countries, rainfall will not be so brutal as ours because of the lack of strong trade winds. In those countries, rainfall will be in the form of only drizzles. But that is not the case with the American continent which suffers from a good number of storms and cyclones every year. In fact they are yet to recover from cyclone Katrina. When it comes to monsoon and rain prediction, it is really difficult in tropical areas where the wind pattern changes frequently.

'Urbanisation is rapid in Chennai and is uncontrolled. While this is a good sign for the growth of the country, it's quite disappointing to see the plight of the water bodies in the city. Rampant encroachment (of water bodies) is going unnoticed'

But in the northern region it's quite easy. For example, in countries like Canada, we can predict the rainfall one week in advance but in tropical countries, it is possible to predict rainfall only before one hour of occurrence,' he added. Ramesan further said, 'Interestingly, the African



Regional Meteorological Centre former director S R Ramesan speaking about flood-disaster management in Chennai on Saturday.

continent doesn't see many cyclones as the oceans are cooler on both the sides. Also, in 90 per cent of the instances, monsoons are normal, and they don't go to extreme points. In countries like Cuba, the cyclone warning is excellent. The government informs people about cyclones well

in advance and helps them move to higher places like mountain cliffs with their belongings. But that's not possible in our country though.'

Speaking about disaster management, Janakiraman said, 'Urbanisation is rapid in Chennai and is uncontrolled. While this is a good sign for the growth of the country, it's quite disappointing to see the plight of the water bodies in the city. Rampant encroachment (of water bodies) is going unnoticed.'

He also said that the prime reason for the increasing number of disasters is the lack of data base about the previous disasters and the extent of damage caused by them.

In 2005 we had higher rainfall than in last December but no one learnt lessons from it. In fact, there are 1942 tanks in and around Chennai. I am wondering how come Chennai gets flooded. These tanks have a total storage of about 2.45 TMC-ft. In addition, in Chennai alone we had three rivers namely Kottalayar river, Cooum and Adyar rivers and now one sees the state of these rivers,' he concluded.

DWEEP SAMACHAR (ANDAMAN DAILY)

संस्कृत का अंग्रेजी।

संस्कृत का अंग्रेजी का मासिक संकलन

जैवविविधता में वैज्ञानिक एवं तकनीकी पारिभाषिक पर राष्ट्रीय संगोष्ठी सम्पन्न

पोर्ट ब्लेयर, 17 नवम्बर। राष्ट्रीय अंतर-पारिभाषिक शिक्षा केन्द्र, पोर्ट ब्लेयर द्वारा नई दिल्ली में भारत सरकार के मातृ संस्कृत विभाग के मातृ संस्कृत विभाग के समर्थन पर राष्ट्रीय अंतर-पारिभाषिक एवं टेक्निकल टर्मिनोलॉजी (सीएसटीटी) के सहयोग से अंडमान निकोबार

द्वीपसमूह की जैवविविधता में वैज्ञानिक एवं तकनीकी पारिभाषिक पर दो दिवसीय राष्ट्रीय संगोष्ठी आयोजित की गई। द्वीप के प्रमुख वन संरक्षक (वन्य प्राणी) श्री मनमोहन सिंह नेगी ने संगोष्ठी का उद्घाटन किया। अपने उद्घाटन भाषण में उन्होंने जैवविविधता तथा विज्ञान में शब्दों

की ताकत पर प्रकाश डाला। सीएसटीटी के अध्यक्ष प्रो. नंद कुमार पाण्डेय ने अपने अध्यक्षीय भाषण में क्षेत्रीय भाषाओं तथा इसके मूल्यों के महत्व पर जोर देते हुए

शेष पृष्ठ 4 पर 'अंडमान फूड्स डॉट कॉम'

पोर्ट ब्लेयर, 17 नवम्बर।

जैवविविधता में वैज्ञानिक—पृष्ठ 1 का शेष

प्रतिभाषिक प्रतिनिधियों को भारतीय भाषाएं सीखने के लिए अनिवारित किया।

सीएसटीटी के निबंधन अधिकारी श्री दीपक कुमार श्रीवास्तव तथा सहायक वैज्ञानिक अधिकारी श्री जय सिंह रावत ने संगोष्ठी के बारे में विस्तार से बताया और विज्ञान में शब्दों के महत्व पर चर्चा की। इस संगोष्ठी में अंडमान निकोबार प्रशासन के विभिन्न विभागों, शिक्षा संस्थानों, अनुसंधान संस्थानों और मुख्यालय के कुछ प्रतिभाषिकों सहित 100 प्रतिभाषिकों ने भाग लिया। दो दिवसीय संगोष्ठी के तकनीकी सत्र में मुख्यालय और द्वीपसमूह के विभिन्न विशेषज्ञों ने अपने पात्र प्रस्तुत किए।

समापन अवसर पर पोर्ट ब्लेयर के केन्द्रीय द्वीपीय कृषि अनुसंधान संस्थान के निदेशक डॉ. एस. दास शेष मुख्या अतिथि थे। उन्होंने द्वीपवासियों के भाषा सम्पर्क पर चर्चा की और स्रोत विशेषज्ञों और प्रतिभाषिकों में प्रभावशाली वातावरण किया। राष्ट्रीय अंतर-पारिभाषिक शिक्षा केन्द्र के परिचालन अधिकारी श्री ए. गोपाल ने धन्यवाद ज्ञापन किया।

NEWS TODAY
CHENNAI

Around Town

FRIDAY
1 JULY 2016 3

Painstaking efforts to make groves thrive

□ These thickets are sacred to many communities
□ CPR centre involved in rejuvenating woods

NIVEDHIKA KRISHNAN

Chennai, July 1: Ananthalingam M, a research officer at C.P.R. Environmental Education Centre, scouts for sacred groves or its remnants in the deep south of the State. His pursuit has taken him to the lesser known places of rich gene pool and hotspots of local biodiversity, but he says it is worth it.

"Once we identify a grove, we collect seeds of plants belonging to that particular region. This involves careful research as it is known that soil characteristics are different from place to place. Then we plant the seeds in the same area and nurture them," says Ananthalingam.

So far, 1,270 identified groves, encompassing mountain regions and depleted zones, are being conserved in the State.

"Sacred groves are set to play an important role in increasing the green cover and conservation of biodiversity in the future," informs the research scholar.

"A country should have ideally 50 per cent of forest cover, but we have only 33 per cent. Ministry of Environment and Forests has started showing keen interest in the conservation of sacred groves since 2000," says Ananthalingam.

The first grove was recorded in Salem in the 19th century in the country. Later, in the mid-1990s, a researcher, C. Mahalingam, made the Ministry understand the importance of revitalising thickets. Currently, a project is under way to identify and document groves throughout the country.

WHAT IS IT?

They are any grove of trees of special religious importance to a particular culture. Groves in Tamil Nadu would ideally consist of trees like banyan, peepal, neem and tamarind. The sacred groves in Kanniyakumari district harbour many of the rare endemic plants of the Western Ghats such as Mulberry, Sago Palm, and wild almond tree.

WHY IS IT IMPORTANT?

- Provides shelter to thousands of species of plants and animals.
- Storehouse of medicinal plants valuable to local communities.
- Helps in keeping the water cycle alive in local areas.

There is one grove inside



A banyan tree inside a sacred grove at Chirakkal in Kerala.



The neighbouring

State of Kerala offers Rs 12,000-15,000 to the people if they contribute to the conservation of groves.

The city of Thiruvananthapuram alone houses 452 Aavus (groves) spread over 12.75 cents," gleams the researcher.

IT Madras known as 'Peel An-man Kall'. Otherwise, the city has wiped out its woods. Luckily, beyond Chengalpattu we have their presence. Vilupuram district alone accounts for 110 groves and it is the largest in the State. The family groves can be seen in Nagercoil," records Ananthalingam. Recently they found a grove in Trivandrum.

problems can be solved with the help of medicinal plants cultivated in that particular ecosystem. Nature is compassionate and provides what is required for the ecosystem."



(Continued)

THE HINDU • SUNDAY, OCTOBER 9, 2016

City is flood-prone due to poor urban planning: Experts

SPECIAL CORRESPONDENT

CHENNAI: The city is increasingly vulnerable to flooding not because of rainfall but due to poor urban planning. The community must be prepared to face adverse situations irrespective of weather forecasts.

These were the key aspects that emerged from a seminar on 'Is Chennai prepared for the monsoon?' organised at C.P.R. Environmental Education Centre on Saturday.

Lack of a database on disasters, risk reduction and mitigation policies are the major limitations in building a resilient city.

"We have systematically destroyed traditional drainage systems and waterbodies with unplanned, mindless urban expansion. There needs to be a benchmark based on the worst floods in 100 or 300 years to plan a city," said Prof. S. Janakirajan, visiting fellow, Madras Institute of Development Studies.

In his presentation on the status of Chennai's water drainage system, Mr. Janaka-

'Lack of a database on disasters, risk reduction and mitigation policies are major limitations'

rajan said that every place must have a disaster management centre. "However, we do not have disaster risk reduction strategies or vulnerability analysis in place. We have not documented lessons learnt from the past. There is no disaster-related database be it on human and property loss or how long it takes for an individual to recover from disaster," said Mr. Janakirajan.

Weather unit

Pointing out that understanding Chennai's natural drainage system and rainfall pattern was essential to mitigate floods, he said the State must have a weather unit manned by climatologists along with the meteorological department.

Highlighting the destruction of Pallikarai marshland and waterbodies, he said "it was human inter-

vention that caused floods. We must map ecological hotspots and comprehensively survey waterbodies and waterways and plan flood mitigation measures."

Disaster preparedness must be taught at a young age, according to S.R. Ramanan, former director, Asia Cyclone Warning Centre, Regional Meteorological Centre, Chennai. "We must teach our children about natural disasters and expect the unexpected of nature," he said. Elaborating on the complex, volatile nature of northeast monsoon and various global weather parameters that influence it, he said there were many weather agencies that provided weather forecasts.

"Forecasts may differ. But we must be prepared for the season be it summer or monsoon irrespective of the predictions to prevent loss. People's mindset need to change. We must take the right decisions based on the warnings given," Mr. Ramanan said. The meteorological department's short and medium forecast are more accurate now, he added.

National Seminar on Scientific & Technical Terminology in Biodiversity of Andaman & Nicobar Islands underway

Port Blair, Nov. 17

The local office of CPR Environmental Education Centre here in collaboration with Commission for Scientific and Technical Terminology (CSTT), Department of Higher Education, Ministry of Human Resource Development, Govt. of India, New Delhi is organizing two days National Seminar on Scientific and Technical Terminology in Biodiversity of Andaman & Nicobar Islands. The seminar was inaugurated by the Principal Chief Conservator of Forest (Wildlife) Shri. Manmohan Singh Negi. In his inaugural address, he highlighted the power of words in biodiversity and science.

Prof. Nand Kumar Pandey, Chairman, CSTT given the presidential address, in his presidential address highlighted the importance



of regional languages and its values and motivated the delegates to learn Indian languages. Shri Deepak Kumar Srivastav, Controlling Officer, CSTT and Er. Jai Singh Rawat, Asst. Scientific Officer, CSTT elaborated about the seminar and the CSTT activities. Dr. Jai Dev Singh, Principal, TGCE, Port Blair highlighted the importance of words in science.

About 100 officials from various departments of Andaman and Nicobar Administration,

educational institutions, research institution besides some participants from mainland attended this workshop.

In the valedictory, Dr. S. Dam Roy, Director, ICAR-CIARI, Port Blair was the chief guest, who pointed out the language connectivity of the people of these Islands. He also gave away the Certificates the resource person and participants. Shri. A. Gopal, Project Officer, CPREEC, Port Blair proposed the vote of thanks.

DINAMALAR TAMIL DAILY

COIMBATORE EDITION - DECEMBER 29, 2016

சுற்றுச்சூழல் பாதுகாப்புக்கு மரங்கள் அவசியம்

கூடலூர் 29-

'வசிப்பிடங்களில் மரங்களை வளர்ப்பதன் மூலம், சுற்றுச் சூழலை பாதுகாக்க முடியும்' என, முதுமலையில் நடந்த பயிற்சி முகாமில் அறிவுறுத்தப்பட்டது.

முதுமலை புலிகள் காப்பகம் கார்டுவில், பல்லுமீர் பரவல் ஆணையம், சி.பி.ஆர்., சுற்றுச் சூழல் கல்வி மையம் சார்பில், தீவிர உயிர் சூழல் மண்டலத்தின் பல்லுமீர் பதிவுகள் குறித்து, ஆசிரியர் பயிற்சி மைய மாணவியருக்கான, இரண்டு நாள் நிறப்பு முகாம் நடத்தியது. இதில், தேசிய பசுமை படை ஒருங்கிணைப்பாளர் ராபர்ட் தலைமை வகித்து பேசுகையில், 'வனங்களில், அதிகரித்து வரும், பல வெளிநாட்டு தாவரங்கள்; களை செடிகளால் வன விலங்குகளுக்கு உண்டாகும் நுப்பாடு ஏற்படுகிறது. இதனால், வெளிநாட்டு தாவரங்களை அழிப்பது அவசியம்,' என்றார்.

● மாணவியருக்கான பயிற்சி முகாமில் அறிவுரை



முதுமலையில் நடந்த பயிற்சி முகாமில், பங்கேற்ற மாவுட்ட ஆசிரியர் பயிற்சி மையத்தின் மாணவியர் மற்றும் திர்வாகிகள்

சி.பி.ஆர்., சுற்றுச் சூழல் கல்வி மையத்தின் கள அலுவலர் குமாரசவேல் பேசுகையில், 'தீவிர உயிர் சூழல் மண்டலம், 5,520 சதுர.கி.மீ., பரப்பளவு கொண்டது. இங்குள்ள பல்லுமீர்களை பாதுகாப்பது மிக அவசியம். இது குறித்து ஆசிரியர்கள், மாணவர்கள் முழுமையாக தெரிந்து கொண்டு, பொதுமக்களிடம் விழிப்புணர்வு ஏற்படுத்த வேண்டும்,' என்றார்.

தமிழ்நாடு பல்லுமீர் பெருக்க பாதுகாப்பு மற்றும் பசுமை ஆக்கம் ஒருங்கிணைப்பாளர் ராமதாஸ் பேசுகையில், 'கிராமங்களிலும், நகரங்களிலும் வசிப்பிடங்களை சுற்றி, எளிய முறையில், மரங்களை வளர்க்க முடியும். இதனால் வசிப்பிடங்கள் பசுமைமயமாக்க மாறுவதுடன், சுற்றுச் சூழலையும் பாதுகாக்க முடியும்,' என்றார்.

தொடர்ந்து, வனப்பாதுகாப்பின் அவசியம் குறித்து, வனப்பகுதியில் கள பயிற்சி அளிக்கப்பட்டது.

கோயம்புத்தூர் • வியாழன் • டிசம்பர் 29, 2016

DINAMANI TAMIL DAILY, COIMBATORE EDITION

சத்தியமங்கலம் புலிகள் காப்பகத்தில் கல்லூரி பயிற்றுநர்களுக்கு பயிற்சி

சத்தியமங்கலம் புலிகள் காப்பகத்தில் ஆசிரியர் பயிற்சி கல்லூரி பயிற்றுநர்களுக்கு கற்றுச்சூழல் தொடர்பான பயிற்சி முகாம் நடந்தது. சத்தியமங்கலம் புலிகள் காப்பகத்தை உள்ளடக்கிய நீலகிரி உயிர்சூழல் பகுதியைப் பாதுகாக்கும் பொருட்டும், அதன் முக்கியத்துவத்தை எடுத்துரைக்கவும் சி.பி.ஆர் கற்றுச்சூழல் கல்வி மையம் மற்றும் தேசிய பல்லுயிர் பரவல் ஆணையம் ஆகியவை இணைந்து மாவட்ட ஆசிரியர் பயிற்சி மைய ஆசிரியர்களுக்கு பயிற்சி வகுப்புகளை நடத்தி வருகிறது. இதன் ஒரு பகுதியாக ஈரோடு பெருந்துறை ஆசிரியர்

பயிற்சி நிலைய, ஆசிரியர் பயிற்றுநர்கள் 100 பேருக்கு சத்தியமங்கலம் புலிகள் காப்பகத்திற்கு களப்பணமாக, குன்றி வளப்பகுதிக்கு இரண்டு நாள் பயணமாக அழைத்துச் செல்லப்பட்டனர். முகாமில், சத்தியமங்கலம் புலிகள் காப்பகத்தின் துணை இயக்குநர் அருண்லால் பேசும்போது, கடந்த 2013-ல் 1455 சதுர கி.மீ பரப்பளவுடன், சத்தியமங்கலம் மற்றும் ஆசனூர் வனக்கோட்டங்களை உள்ளடக்கி சத்தியமங்கலம் புலிகள் காப்பகம் ஏற்படுத்தப் பட்டுள்ளது. தமிழகத்தின் மிகப்பெரிய புலிகள் காப்பகம் இதுவாகும். இக்காப்பகம் 40-க்கும் மேற்பட்ட பாலூட்டிகள், 200-க்கும் மேற்பட்ட

பறவையினங்களுக்கும் மற்றும் ஏராளமான அழிவின் பிடியில் உள்ள காணுயிர்களுக்கு புகலிடமாக உள்ளது. இந்த காப்பகத்தில் புலிகளின் எண்ணிக்கை கணிசமாக உயர்ந்து வருகிறது. இந்த காப்பகத்தை சிறப்பாக மேலாண்மை செய்வதற்கு பொதுமக்களின் ஒத்துழைப்பு அவசியம், என்றார். இக்களப்பயணத்தினை ஒருங்கிணைத்து நடத்திய கடர் அமைப்பின் இயக்குநர் செ.சி.துராஜு பேசும்போது, சத்தியமங்கலம் புலிகள் காப்பகத்தில் பசுவை மாறாக காடுகள், இலையுதிர்காடுகள், புதர் வகை காடுகள் உள்ளிட்ட பலவகையான வனப்பகுதிகள் உள்ளன. இந்த வனப்பகுதிகளை

ஆசிரியர் பயிற்றுநர்கள் பார்வையிட்டு, தகவல்களை அறிந்து கொள்வது மகிழ்ச்சி அளிக்கிறது, என்றார். முகாமில் டி.என். பாணையம் வனச்சரக அலுவலர் ஆ.சிவசுப்பிரமணியம், நெஸ்ட் அமைப்பின் தலைவர் வி.சிவதாஸ், இயற்கை ஆர்வலர் ஏ.எம். ரவிராஜ், சி.பி.ஆர் கற்றுச்சூழல் கல்வி மையத்தின் கள அலுவலர் எம்.குமாரவேலு உள்ளிட்டோர் பங்கேற்றனர். முகாமில் பங்கேற்ற மாவட்ட ஆசிரியர் பயிற்சிப்பள்ளி ஆசிரியர் பயிற்சியாளர்களுக்கு, பல்லுயிர் பாதுகாப்பு குறித்த வினாக்கையேடுகள் வழங்கப் பட்டன.

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Workshop held for teachers

Special Correspondent

1800: A two-day capacity building workshop on biodiversity conservation for the teacher trainees of DIET, Perumthurai, concluded at Gundri in Sathyamangalam Tiger Reserve on Wednesday.

Divisional Forest Officer of Sathyamangalam Division, Arundel addressed the workshop that is being conducted for DIET trainees across Nilgiri Biosphere Reserve and oriented participants on the diverse ecosystem in the Western Ghats encompassing hill ranges and surrounding environment covering an area of over 550 square kilometres. The STR was home to more than 40 species of mammals and 200 species of birds and for many more endemic plants and animals.

The tiger population was also increasing constantly, the DFO said appealing for public cooperation for the better management of STR.

Bio-diversity

The teacher trainees learnt about facets of biodiversity: thorn-forests in the North East part of The Nilgiris district and Kakankudi, savanna woodlands of Mudamalai, Bandipur-Almarungudi, pristine evergreen forests like those of the Silent Valley, relict evergreen patches of the Nilgiri Rangan Hills and montane forests (sholas) and grasslands of the hillslopes.

The workshops supported by National Biodiversity Authority are being organized for teacher trainees of DIETs in Tamil Nadu, Kerala and Karnataka by Coy-based C.P.R. Environmental Education Centre (CPREEC).

The focus is on Biodiversity - Definition, types and importance; Status of



District Forest Officer of Sathyamangalam Division, Arundel, honouring a participant of a workshop held at Gundri in Sathyamangalam Tiger Reserve in Erode on Wednesday.

Biodiversity - National and Global scenarios; Biodiversity richness of the Nilgiri Biosphere Reserve and threats; Protected areas of India - Biosphere Reserve, Sanctuaries, National Parks, Traditional knowledge and rights of indigenous people; Wildlife corridors and man-animal conflict; Need for conservation of Nilgiri Biosphere Reserve; Role of teachers in Biodiversity Conservation Education; Special emphasis on the importance of formation of Biodiversity Management Committees (BMCs); and preparing People's Biodiversity Registers (PBRs).

A.Sivasubramanian the Range officer TN Palayam range, V.Sivadas, Managing Trustee of WEST and A.M.Kaviraj constituted the resource persons. S.C. Nataraj, Director of Sudar NGO guided the 100 teacher trainees around the Gundri forest area, and explained to them the various forest types, and their importance.

TAMIL PRESS CLIPPINGS

DINAMALAR, JANUARY 23, 2017

அரசு பள்ளி மாணவர்களுக்கான தேசிய இயற்கை முகாம் துவக்கம்

புதுச்சேரி, ஜன.23— சென்னை சி.பி.ஆர்., சுற்றுச்சூழல் கல்வி மையம், புதுச்சேரி கல்வித்துறை இணைந்து நடத்தும் அரசு பள்ளி மாணவர்களுக்கான தேசிய இயற்கை முகாம் துவங்கியது.

மத்திய அரசின் சுற்றுச்சூழல் அமைச்சகத்தின் நிதி உதவியோடு சென்னை சி.பி.ஆர்., சுற்றுச்சூழல் கல்வி மையம் புதுச்சேரி கல்வித்துறை இணைந்து அரசு பள்ளி மாணவர்களுக்கு தேசிய இயற்கை முகாமினை நடத்துகின்றன.

6 முதல் 8ம் வகுப்பு வரை பயிலும் அரசு பள்ளியைச் சேர்ந்த 250 மாணவர்கள் ஐந்து பிரிவுகளாகப் பிரிக்கப்பட்டு ஆரோவில் தாவரவியல் பூங்கா மற்றும் பூத் துறை ஆரண்யா வனத்தில் நடத்தப்படுகிறது. இம்மு



■ புதுச்சேரி கல்வித்துறை சார்பில் அரசு பள்ளி மாணவர்களுக்கான தேசிய இயற்கை முகாம் துவக்க விழா ஆரோவில்லில் நடந்தது.

காமின் முதல் பகுதியாக 100 மாணவ, மாணவிகள் கலந்துகொள்ளும் முதல் இரண்டு பிரிவுக்கான தொடக்க விழா ஆரோவில் தாவரவியல் பூங்காவில் நடைபெற்றது. கல்வித் துறையின் சுற்றுச்சூழல்

கல்வி பிரிவு ஒருங்கிணைப்பாளர் பூபதி வரவேற்றார். சி.பி.ஆர் கல்வி மையத்தின் உதவி இயக்குனர் சுந்தரமூர்த்தி தலைமை தாங்கினார். முகாமினை மாநில பயிற்சி மைய சிறப்பு

பணி அலுவலர் ரங்கநாதன் துவக்கி வைத்தார். ஆரோவில் மைய இயக்குனர் பால்பிளான்சு பிளவர், கடலூர் ஒருங்கிணைப்பாளர் எமினேசர், அறிவியல் தொழில் நுட்பத் துறை பொறியாளர் பிரபு ஆகியோர் வாழ்த்தி பேசினர். மூன்று நாட்கள் நடத்த திட்டமிடப்பட்டுள்ள இம்முகாமில் இளம் தலைமுறை மாணவர்கள் இயற்கையை நேசித்தல், சுற்றுச்சூழல் விளையாட்டுகள், பல்லுயிர் பெருக்கம், களப்பயணம் மற்றும் அரிய தாவர இனங்களைக் கண்டறிந்து பாதுகாத்தல் போன்ற நிகழ்வுகளை மாணவர்கள் கற்க உள்ளனர். முகாம் ஏற்பாடுகளை ராமலிங்கம் சுப்ரமணி, கார்த்திக் ஆகியோர் செய்துள்ளனர்.

DINAKARAN - JANUARY 24, 2017

தேசிய அளவிலான உறைவிட இயற்கை முகாம் நிறைவு விழா



► புதுச்சேரி நடைபெற்ற தேசிய இயற்கை முகாமில் கலந்துகொண்ட மாணவர்களுக்கு ஒலம்பினைப்போன்ற பூபதி சான்றிதழ் வழங்கினார்.

புதுச்சேரி, ஜன. 24— மத்திய அரசின் சுற்றுச்சூழல் அமைச்சகத்தின் நிதி உதவி யோடு சென்னை சி.பி.ஆர். சுற்றுச்சூழல் கல்வி மையம், புதுச்சேரி கல்வித்துறை இணைந்து அரசு பள்ளியில் 6, 7 மற்றும் 8ம் வகுப்பு படிக்கும் தேசிய படைப்படை மாணவர்களுக்கான தேசிய இயற்கை முகாம் ஆரோவில் தாவரவியல் பூங்கா, பூத்துறை ஆரண்யா வனம் ஆகிய பகுதிகளில் நடத்தி வருகிறது. 2 நாட்கள் நடைபெற்ற இம்முகாமில் நடக்கவிழ

மேலானமை, பதவைகள் ஆராய்ச்சி, மூலிகை செடிகளை கண்டறிதல், சுற்றுச்சூழல் விளையாட்டுகள், பல்லுயிர் பெருக்கம், களப்பயணம் மற்றும் அரிய தாவர இனங்களை கண்டறிந்து பாதுகாத்தல் போன்ற நிகழ்வுகளை அடிப்படைமாகக் கொண்டு பயிற்சி அளிக்கப்பட்டது. முகாமின் முதல் பகுதியின் நிறைவு விழா ஆரோவில் தாவரவியல் பூங்காவில் நடந்தது. கல்வித்துறையின் சுற்றுச்சூழல் கல்விப்பிரிவின்

ஒருங்கிணைப்பாளர் பூபதி கலந்துகொண்டு அவனைத்து மாணவர்களுக்கும், வழிகாட்டுதல் ஆசிரியர்களுக்கும் சான்றிதழ் வழங்கி பாராட்டி, பேசினார். புதுப்பாணை கல்விக் கல்வித்துறையின் கல்விப்பிரிவுத் துறை அலுவலர் ரங்கநாதன் துவக்கி வைத்தார். ஆரோவில் மைய இயக்குனர் பால்பிளான்சு பிளவர், கடலூர் ஒருங்கிணைப்பாளர் எமினேசர், அறிவியல் தொழில் நுட்பத் துறை பொறியாளர் பிரபு ஆகியோர் வாழ்த்தி பேசினர். மூன்று நாட்கள் நடத்த திட்டமிடப்பட்டுள்ள இம்முகாமில் இளம் தலைமுறை மாணவர்கள் இயற்கையை நேசித்தல், சுற்றுச்சூழல் விளையாட்டுகள், பல்லுயிர் பெருக்கம், களப்பயணம் மற்றும் அரிய தாவர இனங்களைக் கண்டறிந்து பாதுகாத்தல் போன்ற நிகழ்வுகளை மாணவர்கள் கற்க உள்ளனர். முகாம் ஏற்பாடுகளை ராமலிங்கம் சுப்ரமணி, கார்த்திக் ஆகியோர் செய்துள்ளனர்.

ODIYA PRESS CLIPPINGS

ପ୍ରକୃତି ସୁରକ୍ଷା ଶବ୍ଦର

ବାଲିପାଟଣା, ୨୨/୧୨/୧୬: ପ୍ରାଣୀ ଲୋକମାନଙ୍କ ପ୍ରତି ଶ୍ରୀ ଶ୍ରୀ ପତିତପାବନ ଉଚ୍ଚ ବିଦ୍ୟାଳୟ ଠାରେ ରାଜ୍ୟ ପରିବେଶ କେନ୍ଦ୍ର ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼ ଓ କେନ୍ଦ୍ର ସରକାରଙ୍କର ପରିବେଶ ସୁରକ୍ଷା ବିଭାଗ ସହଯୋଗରେ ଏକ ନେତୃତ୍ୱ କ୍ୟାମ୍ପ ଉଦ୍ଘାଟିତ ହୋଇଛି । ଶିବିରିରେ ୬ଟି ଉଚ୍ଚ ବିଦ୍ୟାଳୟରୁ ୬୧ଜଣ ଛାତ୍ରଛାତ୍ରୀ ଯୋଗଦେଇ ଜୟଦେବୀ ପୀଠ ପାର୍କର ବିଭିନ୍ନ ବୃକ୍ଷଲତା ଉପରେ ଜ୍ଞାନ ଆହରଣ କରିଥିଲେ । କାର୍ଯ୍ୟକ୍ରମରେ ରାଜ୍ୟ ପରିବେଶ ବିଭାଗ ନୋଡାଲ ଅଫିସର ପ୍ରଭାତ ମୋହନ ଦାସ, ପ୍ରଧାନଶିକ୍ଷକ ମାଷ୍ଟର ଗୁରୁତ୍ୱ ଲକ୍ଷ୍ମୀ ପ୍ରସାଦ ସାହୁ, ଆଲୋଚନା ଉଚ୍ଚ ବିଦ୍ୟାଳୟର ପ୍ରଧାନଶିକ୍ଷକ ତଥା ସାଧନ କର୍ମୀ ଉମେଶ ଚନ୍ଦ୍ର ଷଡ଼ଙ୍ଗୀ, ସତ୍ୟେଶ ଚନ୍ଦ୍ର କର, ଉପେନ୍ଦ୍ର ଦାଶ, ସାଧନ କର୍ମୀ ବନମାଳୀ ସାହୁ, ଜ୍ୟୋତ୍ସ୍ନା ଦାସ ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ । ଆସନ୍ତାକାଲି ପୁରୀ ଜିଲ୍ଲା ହରିଣ ପାର୍କ ଓ କୋଣାର୍କ ବନଖଣ୍ଡ ଛାତ୍ରଛାତ୍ରୀମାନେ ପରିଦର୍ଶନ କରିବେ ବୋଲି ସ୍ଥିରୀକୃତ ହୋଇଛି ।

The Prajatantra,
06/02/2017

ପ୍ରକୃତି ପ୍ରଶିକ୍ଷଣ
ଶିବିର ସରିଲା

ବାଲିପାଟଣା, ୨୨/୧୨/୧୬: କାକରୁଦ୍ରପୁର ଶ୍ରୀ ଶ୍ରୀ ପତିତପାବନ ବିଦ୍ୟାଳୟ ପରିସରରେ ୩ ଦିନ ଧରି ଚାଲିଥିବା ପ୍ରକୃତି ପ୍ରଶିକ୍ଷଣ ଶିବିରର ଉଦ୍ଘାଟିତ ହୋଇଯାଇଛି । ଉଦ୍ଘାଟନା ଦିବସରେ ପ୍ରଧାନଶିକ୍ଷକ ଲକ୍ଷ୍ମୀ ପ୍ରସାଦ ସାହୁଙ୍କ ଅଧିକ୍ଷତାରେ ସଭା ହୋଇଥିଲା । ଶିବିରରେ ୬ଟି ଛାତ୍ରଛାତ୍ରୀରୁ ୬୧ ଜଣ ଛାତ୍ରଛାତ୍ରୀ ଓ ଗାଉଁର ଯୋଗ ଦେଇଥିଲେ । ମୁଖ୍ୟ ଅତିଥି ଭାବେ ଖୋର୍ଦ୍ଧା ଜିଲ୍ଲା ଅଧିକାରୀ ବୃନ୍ଦାବନ ଶତପଥୀଙ୍କ ସମେତ ଇକୋ କ୍ଲବ ମାଷ୍ଟର ଗୁରୁତ୍ୱ ସତ୍ୟେଶ କର, ଉମେଶ ଚନ୍ଦ୍ର ଷଡ଼ଙ୍ଗୀ, ଉପେନ୍ଦ୍ର ନାଥ ଦାଶ, ନଳିନୀ ପ୍ରଭାତ ଦାସ ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ । କେନ୍ଦ୍ର ପରିବେଶ ଓ ଜଙ୍ଗଲ ମନ୍ତ୍ରାଳୟ ଏବଂ ରାଜ୍ୟ ସରକାରଙ୍କର ପରିବେଶ ଶିକ୍ଷାକେନ୍ଦ୍ରର ମିଳିତ ସହଯୋଗରେ ଏହା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଛାତ୍ରଛାତ୍ରୀମାନେ ପ୍ରଥମ ୨ ଦିନ ଜୟଦେବ ବାଟିକା ଓ କୋଣାର୍କ ବାଲୁଖଣ୍ଡ, ସୂର୍ଯ୍ୟମନ୍ଦିର, ଚନ୍ଦ୍ରଭାଗା ଇତ୍ୟାଦି ଐତିହାସିକ ସ୍ଥାନ ପରିଦର୍ଶନରେ ଯାଇଥିଲେ । ଶେଷ ଦିବସରେ ସେମାନଙ୍କୁ ୪ଟି ଗ୍ରୁପ୍ରେ ଭାଗ କରାଯିବା ସହ କୃତୀ ବିଦ୍ୟାର୍ଥୀଙ୍କୁ ପୁରସ୍କୃତ କରାଯାଇଥିଲା । ପରିବେଶ ଶିକ୍ଷଣ କେନ୍ଦ୍ରର ରାଜ୍ୟ ନୋଡାଲ ଅଫିସର ପ୍ରଭାତ ମୋହନ ଦାସ, ରାଜ୍ୟ ସଂଯୋଜକ ପ୍ରଦୀପ ନାୟକ ପରିଚାଳନା କରିଥିଲେ । ତତ୍ତ୍ୱାବଧିତବ୍ୟୁତି ସୋସାଇଟିର ସଂଯୋଜିକା ମିନତି ବିହାରୀ ଓ ପରିବେଶବିତ୍ ଅର୍ଜୁନ ବିଶ୍ୱାଳ ପ୍ରମୁଖ ଯୋଗ ଦେଇ ତଥ୍ୟଭିତ୍ତିକ ଶିକ୍ଷାଦାନ କରିଥିଲେ ।

The Prajatantra
09/02/2017

TELUGU PRESS CLIPPINGS

ఈనాడు హైదరాబాద్
మంగళవారం 24 జనవరి 2017

సహజ సంపద సంరక్షణ లిందరి బాధ్యత



విద్యార్థులకు బహుమతులు అందజేత

చైతన్యపురి, న్యూస్టుడే: ప్రకృతి అందాన్ని సహజ సంపదలను సంరక్షించుకోవాల్సిన బాధ్యత ప్రతి ఒక్కరిపై ఉందని విశ్రాంత న్యాయమూర్తి రాందాస్ సూచించారు. సీపీఆర్ పర్యావరణ విద్యాకేంద్రం, తెలంగాణ విద్యాసంస్థల సంయుక్త ఆధ్వర్యంలో చైతన్యపురి లోని రఘునాథమోడల్ స్కూల్లో సోమవారం విద్యార్థులకు పర్యావరణం, సహజసంపదపై అవగాహన కార్యక్రమం నిర్వహించారు. ముఖ్యఅతిథిగా విచ్చేసిన ఆయన ప్రకృతి ఇస్తున్న సహజసంపదల గురించి విద్యార్థులకు వివరించారు. అనంతరం పాఠశాల యాజమాన్యం విద్యార్థులకు నీరు, జీవ వైవిధ్యంపై రాతపరీక్ష పోటీ నిర్వహించారు. ప్రతిద చూపిన విద్యార్థులకు బహుమతులు అందజేశారు. కార్యక్రమంలో సీపీఆర్ విద్యాకేంద్రం ప్రతినిధి వెంకటేశ్వర్లు, పాఠశాల కరస్పాండెంట్ రవీందర్ రెడ్డి, డ్రిగ్గిపల్ సుజాత తదితరులు పాల్గొన్నారు.

■ ఆంధ్రమామి ■

మంగళవారం 24 జనవరి 2017 హైదరాబాద్



విజేతలకు బహుమతులు అందజేస్తున్న జస్టిన్ రాందాస్

పర్యావరణాన్ని పరిరక్షించుకోవాలి

హైదరాబాద్, జనవరి 23: ప్రకృతి, సహజ సంపదను పరిరక్షించుకోవల్సిన అవసరం అందరిపై ఉందని రిటైర్డ్ న్యాయమూర్తి మోక్ష రాందాస్ ఉద్ఘాటించారు. సీపీఆర్ పర్యావరణ కేంద్రం సేత్యత్వంలో చిప్రో, తెలంగాణ పాఠశాల విద్యాలాభ ఆధ్వర్యంలో 'పాఠశాలల్లో సుస్థిర అభివృద్ధి- నీరు జీవవైవిధ్యం' అంశంపై జరిగిన కార్యక్రమంలో విజేతలకు బహుమతి ప్రధానం జరిగింది. చైతన్యపురిలోని రఘునాథ మోడల్ హైస్కూల్లో సోమవారం జరిగిన రాందాస్ మాట్లాడుతూ సహజవనరుల సద్వినియోగంపై అవగాహన కలిగి ఉండాలన్నారు. ఏకలవ్య హైస్కూల్(నందనవనం), రఘునాథ మోడల్ హైస్కూల్(చైతన్యపురి) ఉపాధ్యాయులు, విద్యార్థులకు అవార్డులు, సర్టిఫికేట్లు అందజేశారు. జీవ వైవిధ్యం దాని అవశ్యకతను సీపీఆర్ పర్యావరణ కేంద్రం పాజెక్టు అధికారి కె.మెకటరత్నం విద్యార్థులకు వివరించారు.

ఎల్బీ నగర్ జోన్

హైదరాబాద్ | మంగళవారం |
జనవరి 24 | 2017

సాక్షి

సహజ సంపదను సంరక్షించాలి

చైతన్యపురి: సహజ సంపదలను సంరక్షించాల్సిన బాధ్యత ప్రతి ఒక్కరిపై ఉందని రిటైర్డ్ జడ్జి ఎం.రాందాస్ అన్నారు. సీపీఆర్ పర్యావరణ విద్యాకేంద్రం ఆధ్వర్యంలో చిప్రో సంస్థ, తెలంగాణ విద్యాలాభ సహకారంతో చైతన్యపురిలోని రఘునాథ మోడల్ హైస్కూల్లో జీవ వైవిధ్యం అంశంపై రాష్ట్ర స్థాయి పోటీలు జరిగాయి. విజేతలకు ఆయన బహుమతులు అందజేశారు. ఏకలవ్య, రఘునాథ మోడల్ స్కూల్ విద్యార్థులు ఉత్తమ ప్రతిభ కనబరిచారని ప్రాజెక్టు అధికారి వెంకటరత్నం తెలిపారు. పాఠశాల కరస్పాండెంట్ రవీందర్ రెడ్డి, ఏకలవ్య హైస్కూల్ ప్రిన్సిపాల్ సుజాత పాల్గొన్నారు.

KANNADA PRESS CLIPPINGS

Prajavani Saturday 21/1/17



Vijayavani Sunday 22/1/17

