

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

C.P.R. Environmental Education Centre (CPREEC) carried out the following activities with funds received from other agencies:

SUSTAINABILITY EDUCATION PROGRAMMES

Training Teachers

A total of twenty one (21) workshops for teachers on “**Sustainability Education on Water and Biodiversity for Schools of South India**” 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 teachers’ orientation programmes was 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 at Nagoa, Goa



**Workshop at Diglipur,
Andaman & Nicobar Islands**

DETAILS OF WORKSHOPS FOR TEACHERS

S.No.	State / UTs	Venue and District	Number of Schools	Number of Teachers
1.	Tamil Nadu	Shanthiniketan Higher Secondary School, Theni	39	68
2.	Tamil Nadu	CPR Convention Centre, 1, Eldams Road, Alwarpet, Chennai	55	58
3.	Tamil Nadu	Seminar Hall, CEO Complex, Thiruvavur, Thanjavur & Thiruvavur	37	37
4.	Tamil Nadu	NMB Matriculation Higher Secondary School, Dindigul	50	52
5.	Tamil Nadu	Seminar Hall, Angel College of Engineering, Tiruppur	53	56
6.	Kerala	Shiksha Bhavan, Chavakad, Guruvayur	37	37
7.	Kerala	YMCA Auditorium, Thiruvananthapuram	11	20
8.	Kerala	Auditorium, Cochin University of Science and Technology, Thirukkakkara Campus, Ernakulam	10	19
9.	Goa	Institute Menezes Braganza, Panaji, Goa	20	20
10.	Goa	Nagoa Panchayat Council Hall, Nagoa, Goa	39	40
11.	Puducherry	Seminar Hall, State Training Centre, Puducherry	27	27
12.	Odisha	Revanshaw Collegiate School, Cuttack	51	66
13.	Odisha	Govt. High School, Sarbahal, Jharsuguda, Odisha	54	54

S.No.	State / UTs	Venue and District	Number of Schools	Number of Teachers
14.	Karnataka	Vasavi Vidya Samsthe, Ayannanapet, Chitradurga	48	48
15.	Karnataka	Bengaluru Rural, Hosakote	37	37
16.	Karnataka	Hymamashu Joyathi Kala Peetha Composite PU College, Bengaluru North	139	139
17.	Andhra Pradesh	DCCB HallGuntur	45	46
18.	Telangana	Ranga Reddy	143	143
19.	Andaman & Nicobar Islands	Seminar Hall, Tagore College of Education, Port Blair, South Andaman	16	32
20.	Andaman & Nicobar Islands	Shikshak Sadan, Port Blair, South Andaman	20	37
21.	Andaman & Nicobar Islands	Office of the Deputy Education Officer, Diglipur, North Andaman	24	40
Total			955	1037

Project submission

The participating teachers interacted with their students on the importance of Sustainability Education on Water and Biodiversity and motivated the students to submit projects on Water and Sustainability and Biodiversity Conservation. CPREEC received several projects from the participating schools

in the nine states and UTs. The projects were scrutinized and best projects were sent across to WIPRO for selection at national level and for receiving national award of Earthian 2017. A total of 425 projects were received from schools in nine (9) states and UTs, out of which 57 shortlisted projects were forwarded for national level entry.

S. No.	States/UTs	No. of projects received	Projects shortlisted
1.	Andaman and Nicobar Islands	62	11
2.	Tamil Nadu	71	09
3.	Kerala	15	06
4.	Karnataka	97	05
5.	Goa	11	06
6.	Andhra Pradesh & Telangana	100	06
7.	Puducherry	58	08
8.	Odisha	11	06
	TOTAL	425	57

Regional recognition events

Regional recognition events were organized in all the CPREEC network states and union territories to recognize and to honor 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.

S.No.	State / UTs	Date	Venue	No. of participants
1.	Tamil Nadu	January 5, 2018	Banadurai Higher Secondary School, Kumbakonam, Thanjavur District.	51
2.	Tamil Nadu	February 2, 2018	Jaivabai Girls Higher Secondary School, Thiruppur	38
3.	Kerala	January 23, 2018	YMCA Central Hall, Thiruvananthapuram	44
4.	Odisha	January 31, 2018	S.C.B. Medical Public School, Cuttack	28
5.	Karnataka	February 13, 2018	SJR School, Chitraduraga	52

S.No.	State / UTs	Date	Venue	No. of participants
6.	Andhra Pradesh and	February 09, 2018	ZPHS Pasumarru Chilakaluripet, Telangana, Guntur	43
7.	Puducherry	February 16, 2018	Conference Hall, State Training Centre, Department of Education, Puducherry	50
8.	Goa	March 08, 2018	Hall of DDE, State Institute of Education and Research (SCERT), Porvorim, Bardez, Goa	37
9.	Andaman and Nicobar Islands	February 13, 2018	Siksha Sadan, Department of Education, Port Blair	60

Project Facilitation Camps for students

As part of the project, CPREEC organized

project facilitation camps for the participating school students in the state of Tamil Nadu, Kerala and the Union Territory of Andaman & Nicobar Islands.

S.No.	State / UTs	Date	Venue	No. of participants
1.	Tamil Nadu	October 5 & 6, 2017	Vedaranyam Kodiakarai Wildlife Sanctuary	45
2.	Kerala	October 21, 2017	Ponmudi Forest	23
3.	Kerala	October 23 & 24, 2017	Vazhachal Forests	20
4.	Andaman & Nicobar Islands	September 14 & 15, 2017	Forest Training Institute, Wimberlygunj, Andaman & Nicobar Islands	42

**Students at Kodiyakkarai****Students At Vazhachal**

Project Facilitation Student Conclaves

Two Project Facilitation Student Conclaves were organized at Goa and Andaman & Nicobar Islands as detailed below:

**At Goa**

S.No.	State / UTs	Date	Venue	No. of participants
1.	Goa	October 10, 2017	Ideal High School, Pilgao, Bicholim, Goa	50
2.	Andaman & Nicobar Islands	August 16, 2017	Tagore Government College of Education, Port Blair, Andaman & Nicobar Islands	39

National Award

ceremony held at WIPRO, Bengaluru on February 3, 2018.

Four schools from the CPREEC network won the national award of Earthian 2017 and were awarded at the national

The list of schools and theme is given below:

Awardee-School Name	Theme
Holy Angels' I.S.C School Nanthencode, Thiruvananthapuram Kerala	Biodiversity
L'ecole Chempaka, C 9/2170 - 1, Silver Rocks, Edavacode, Sreekariyam, Thiruvananthapuram, Kerala	Water
Mahalaxmi High School Kudne, Sanquelim, GoaChirekhan, Kudne, Sakhali, Goa North Goa, Goa	Water
Our Lady of Remedies High School, Nerul Bardez, Goa.	Water



Students of Mahalaxmi High School, Kudne, Goa receiving the WIPRO Earthian 2017 Award from Mr. Azim Premji

The programmes were funded by M/s. WIPRO, Bangalore as part of Earthian and CPREEC implemented the project as a technical partner in south India.



2

SACRED GROVE CONSERVATION

CPREEC has been restoring sacred groves since 1994. The sacred grove sites at Nenmeli and Kunnam in Kancheepuram district, Sithannavasal in Pudukottai district and Rameswaram in Ramanatha-puram 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. The programmes were carried out of funds received from the C.P. Ramaswami Aiyar Foundation.

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

INDIAN SOLANUM - கந்தளம் - இந்திய கந்தள்



Botanical name	: Solanum xanthocarpum
Parts used	: Whole plant
Medicinal usage	: It is used for cough, cold, asthma and other respiratory tract conditions
செல் மருத்துவப் பெயர்	: கந்தளம்
மருத்துவப் பெயர்	: கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்
தாவரத்தின் வகை	: மரம்
அழகிய தாவரம்	: இது கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்

IVY GOURD - கந்தளம் - கந்தள்



Botanical name	: Cordelia grandis
Parts used	: Whole plant
Medicinal usage	: It is used for asthma, to reduce body heat, cure eczema, cold and control diabetes
செல் மருத்துவப் பெயர்	: கந்தளம்
மருத்துவப் பெயர்	: கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்
தாவரத்தின் வகை	: மரம்
அழகிய தாவரம்	: இது கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்

SEADAGASCAR PEPINCKLE - கந்தளம் - கந்தள்



Botanical name	: Cordia alliodora
Parts used	: Whole plant
Medicinal usage	: The sticks obtained from the plant are useful in the treatment of leishmaniasis
செல் மருத்துவப் பெயர்	: கந்தளம்
மருத்துவப் பெயர்	: கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்
தாவரத்தின் வகை	: மரம்
அழகிய தாவரம்	: இது கந்தள், கந்தளம், கந்தள், கந்தள், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம், கந்தளம்

ENVIRONMENTAL HISTORY OF INDIA

With financial support from 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. The Volume 1 with 14 chapters on the topic Environmental History of India comprises of four sections as given below:

- | | |
|-------------|---|
| Section I | Environmental History of India – Introduction & Methodology and Scope |
| Section II | Rivers and Water |
| Section III | Forests, Land Use, Wildlife |
| Section IV | Climate and Natural Calamities |



4

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 Khurdha funded by Humane Society International (HSI) – India.

State City	Tamil Nadu		Andhra Pradesh	Karnataka		Odisha	Total
	Chennai	Nilgiris	Guntur	Chikka -ballapur	Tuma -kuru	Khurdha	
No. of schools	23	15	7	22	48	20	135
No. of students	5,756	2,495	3,072	5,000	4587	2954	23,864



**Orientation and painting competition for the students of
Chennai Higher Secondary School, Jafferkhanpet, Chennai**



**Programme at Murthuzaviya
Oriental Higher Secondary School,
Triplicane, Chennai**



**Programme at Maa Bhuasuni High School,
Khordha, Odisha**



NATURE INTERPRETATION CENTRES

CPREEC designed and developed signages and fibre moulds for **Nagaravanam** (urban forest) at **Chittoor** in **Chittoor** District and **Perecherla** in **Guntur** District.

CPREEC prepared and submitted a detailed report for the Tamil Nadu Forest Department on the following:

❖ Survey of the TDEF (Biotic System) – Restoration of the Tropical Dry Evergreen Forests (TDEF) in Nanmangalam Reserved Forests, Chennai.

❖ Inventory Mapping and Documentation – Restoration of the Tropical Dry Evergreen Forests (TDEF) in Nanmangalam Reserved Forests, Chennai.



ECO EUREKA – YOUTH ENGAGEMENT WORKSHOPS ON NATURE AND LABS

CPREEC organised five workshops on Nature and Labs with the financial support extended by the National Council for Science & Technology Communication (NCSTC), Department of Science & Technology, Government of India. Eco Eureka, a youth engagement workshop, was about instilling scientific temperament among the young minds by adopting experiential learning methodology. Students tend to learn by experiencing the nature and related activities, this in turn enhance their understanding on nature and as well create a positive impact towards nature conservation.

A group of 25 college students of 18-25 years were engaged in the five day workshop cum residential camp organised in the states of Tamil Nadu, Karnataka, Odisha and Union Territories of Puducherry and Andaman & Nicobar Islands. They were involved in a series of nature-based outdoor activities designed to enhance their consciousness and in-depth understanding about nature and natural systems. The participants were trained on environmental quality monitoring procedures i.e. analyzing the pollution level on air, water, noise and soil. They were also trained on usage of instrumentation,

handling the chemicals, followed by education and public awareness on the pollution level. Training on laboratory procedures, nature conservation, renewable resources for sustainable futures and ecological restoration were conducted in the indoor setting with appropriate illustrations.

Objectives of the workshop

- ❖ To highlight the concepts of environment and ecology.
- ❖ To identify and trace out the problem areas in environmental degradation.
- ❖ To highlight and discuss the recent trends in environmental pollution.
- ❖ To document and to disseminate the effective science communication measures in popularizing environmental conservation.
- ❖ To highlight the critical role of print and electronic medium in popularization of science and environmental ecology.
- ❖ To bring out pro-environmental attitude and behaviour.

CPREEC organized five workshops as detailed below:

S. No.	State / UT	Dates	Venue	College students
1.	Tamil Nadu	July 17 to 21, 2017	Mudumalai Tiger Reserve, Nilgiris	25
2.	Puducherry Union Territory	July 19 to 23, 2017	Auroville Botanical Garden, Auroville	25
3.	Odisha	July 21 to 25, 2017	Durga Charan Chilika College, Tangi	26
4.	Karnataka	August 7 to 11, 2017	Bandipur Tiger Reserve, Karnataka	25
5.	Andaman & Nicobar Islands	August 18 to 22, 2017	Forest Training Institute, Wimberlygunj	25
	Total			126

All the participants of the workshop were provided with a resource kit along with books on *Biodiversity* and *Climate Change*.



**Mr. Amar Kushawah, IAS,
Project Director, Special Area
Development Programme (SADP),
Government of Tamil Nadu
interacting with the Students**



**Students at the Auroville
Earth Institute, Auroville and
observing the soil samples brought
from 190 countries**



**Students in groups analyzing
the water and soil samples at Mangalajodi,
Chilika**



**Mr. Joju P. Alappat, Director,
Forest Training Institute,
Wimbergunj interacting with
the students**



HUMANE EDUCATION PROGRAMMES

Funded by Animal Welfare Board of India, Government of India, orientation programme on Kindness to Animals were organized in schools in Tamil Nadu and Kerala. The programmes were conducted in schools from where the teachers were deputed to attend the workshop for teachers on Kindness to Animals conducted at Villuppuram district in Tamil Nadu. A total of 50 school programmes were conducted covering 5560 students. Drawing competition on the topic **Conservation of Nature** or **Kindness to Animals** was conducted and three prizes in each school were distributed to the students.



Orientation programme for the students of Government High School, Kongarayapalayam, Villuppuram District



Students of Government High School, Kondangi, Villuppuram with their paintings

In Kerala, workshop for teachers was organized in collaboration with Sarva Shiksha Abhiyan and World Wide Fund for Nature – India, Kerala State Office. A total of 49 teachers from 32 schools participated in the workshop. The workshop was organized for teachers of Thrissur district. Orientation programmes were conducted for students from these 32 schools. A total of 3452 students were oriented. As part of evaluation, storytelling, poster preparation and quiz competitions were conducted. The first three winners in all the competitions from the above schools participated in the Animal Welfare Mela.

Animal Welfare Mela

The Animal Welfare Mela to conclude the Humane Education programme was

conducted at the Museum & Zoo Auditorium, Thrissur. Prize winning students and their teachers from thirty two (32) schools participated in the Animal Welfare Mela with a total participation of around 160.



**Presentation made by teachers
during the workshop at Thrissur,
Kerala**



**A view of the Students during
the Animal Welfare Mela at
Thrissur, Kerala**



ECOLOGICAL STUDIES OF SACRED GROVES IN FIVE AGRO-CLIMATIC ZONES OF TAMIL NADU

CPREEC is implementing a research project titled Ecological Studies of Sacred Groves in five agro-climatic zones of Tamil Nadu with financial support received from the State Forest Research Institute, Tamil Nadu Forest Department.

The five agro-climatic zones of Tamil Nadu are

- ❖ North Eastern Zone
- ❖ North Western Zone
- ❖ Western Zone
- ❖ Cauvery Delta Zone
- ❖ Southern Zone

Objectives

The main objective of the study is to select one intact sacred grove in each of the five agro-climatic zones of Tamil Nadu and study the following aspects:

- ❖ Create base map of the sacred groves by using Arc GIS software for mapping of the sites
- ❖ Documentation of the Biodiversity richness of the sites
- ❖ A detailed Floristic analysis of the sites
- ❖ Estimation of Carbon stock of the five sacred groves
- ❖ Cultural activities prevailing in the sites

- ❖ Analysis of the ecological services rendered by each sacred grove site

Keeripatti sacred grove site in North Western Zone, Athur Taluk, Salem district has been selected for the study. Soil samples were collected in and outside the site for analysis. Documentation of biodiversity richness is under way.



Keeripatti sacred grove site



Collecting soil sample for analysis

AWARENESS PROGRAMMES ON SOLID WASTE MANAGEMENT IN NORTH & MIDDLE ANDAMAN DISTRICTS

CPREEC's Field Office at Port Blair conducted a series of awareness programmes on Pollution and Solid Waste Management for multi-stake holders of North & Middle Andaman Districts funded by the Department of Science & Technology, Andaman & Nicobar Administration.

The main objective of the programme was to create awareness on pollution and its impact on island ecology and importance of solid waste management

among the school and college students, PRI Members, SHG members, and shopkeepers of Middle and North Andaman districts. They were also motivated to keep their surroundings clean and green and effectively implement the Swachch Bharat campaign of the Government of India. Painting and elocution competitions on waste management were organized for the school students and prizes distributed.

S. No.	District	Target group	No. of prog.	No. of participants
1.	Rangat Middle Andaman	School students	1	60
2.	Rangat Middle Andaman	PRI & SHG Members	1	30
3.	Diglipur North Andaman	School students	1	63
4.	Diglipur North Andaman	PRI & SHG Members	1	51
5.	Mayabunder Middle & North Andaman	College students	1	102
6.	Mayabunder Middle & North Andaman	School students	1	65
7.	Mayabunder Middle & North Andaman	PRI & SHG Members	1	62
	Total		7	433



Programme for students at Diglipur



**Programme for PRI & SHG Members
at Mayabunder**



10

AWARENESS PROGRAMMES ON AFFORESTATION

CPREEC's Field Office at Ooty, Nilgiris organized five awareness programmes on Afforestation for the Village Forest Committee Members at the following villages:



S. No.	Place	District	Target group	No. of participants
1	Denad Village	Nilgiris	Village Forest	16
2	Kotagiri Taluk,	Nilgiris	Committee members	
3	Kookalthurai	Nilgiris	Village Forest	22
4	Kotagiri Taluk	Nilgiris	Committee members	
5	Sholur Village	Nilgiris	Village Forest	33
6	Ooty Taluk	Nilgiris	Committee members	
7	Hulical Village	Nilgiris	Village Forest	17
8		Nilgiris	Coonoor Taluk	
9		Nilgiris	Committee members	
10	Anaikatty Village	Coimbatore	Village Forest	24
11		Coimbatore	Committee members	
Total				112



VIKASPEDIA TAMIL PORTAL

Vikaspedia is a national level initiative through India Development Gateway under the Ministry of Electronics & Information Technology (MeitY), 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, collect, collate, review, moderate and enrich 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.

A total of 5217 pages of content were uploaded in the portal; 345 news items have been reported. CPREEC brought out monthly e-newsletters on Vikaspedia portal. Four success stories have been mentioned. There are 399 registered volunteers and 55 content contributors to the portal. There are about 1489 First Level Service Providers who have direct contacts with the public in sharing their knowledge about Vikaspedia.

Outreach activities

CPREEC organized awareness programmes on Vikaspedia portal among school students. Seven (7) programmes covering 1799 students were conducted at Puducherry and seventeen (17) programmes covering 1468 students at Villuppuram district was conducted.



Programme at SIRD



Programme at Anna Adarsh College for Women, Chennai

CPREEC integrated Vikaspedia in the ongoing programmes of State Institute of Rural Development (SIRD), Government of Tamil Nadu. Mr. U. Thirunavukkarasu, Senior Environmental Education Officer delivered a series of eighteen (22) lectures on **Sustainable Development Goals - Climate Action & Sustainable Ecosystem** for the district and sub-district level officials of Tamil Nadu and 1193 persons benefitted.

CPREEC also organized programmes for college students about Vikaspedia. The programmes were organized at city colleges as detailed below:

- ❖ Anna Adarsh College for Women, Anna Nagar : 1 prog – 1050 students
- ❖ J A Arts & Science College, Madhavaram : 1 prog. – 50 students
- ❖ National Institute of Siddha, Tambaram Sanatorium : 1 prog. – 13 students

Vikaspedia portal has also reached about 2,50,000 people through mass awareness like television, community radio, SMS, WhatsApp, Facebook, Twitter and other social media. The pamphlets, posters and calendar have been distributed to several thousands of people in Tamil Nadu.



12

RESEARCH AND SURVEYS – CPREEC ENVIRONMENTAL LABORATORY

CPREEC's NABL accredited Environmental Laboratory carried out the following analysis:

- ❖ Analyzed six (6) water samples collected from various river basins for 28 physio chemical parameters for Public Works Department, Government of Tamil Nadu.
- ❖ Analyzed eight (8) water samples collected from various river basins for 36 physio chemical parameters including pesticides for Public Works Department, Government of Tamil Nadu.
- ❖ Prepared water testing and soil testing kits for distribution to college students of the Eco Eureka – Youth Engagement Workshops on Nature and Labs sponsored by the Department of Science & Technology, Government of India
- ❖ Ambient air quality, water quality and noise level survey was carried out at the Guindy Industrial Estate area in Chennai
- ❖ Soil samples collected within and outside the Keeripatti sacred grove were analyzed at our laboratory.

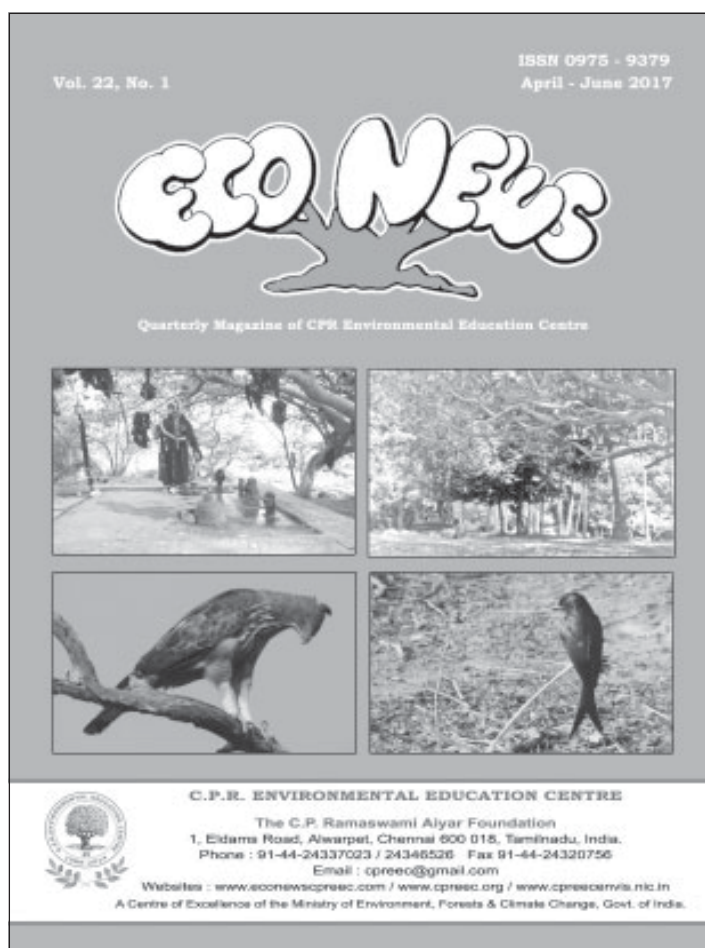


13

PUBLICATIONS

CPREEC brought out the following publications:

- ❖ CPREEC's quarterly newsletter – *ECONEWS* (e-version)
- ❖ Book on *Biodiversity* and *Climate Change* was updated and reprinted
- ❖ Booklet on *Kindness to Animals* was prepared in English and translated into Tamil, Telugu, Kannada and Odia



14

ENVIS CENTRE funded by MoEF&CC

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
- ☐ Green Pilgrimage
- ☐ Traditional Ecological Knowledge

A new element – **UNESCO World Heritage Sites in India** was introduced under the subject area and expanded during this year.

The following activities were carried out so far.....

Topic	Updation status
Abstracts	85
News	293
New description on subject areas	118 sacred sites and 29 UNESCO World Heritage Sites in India
No. Images uploaded on subject areas	709
Newsletters	4
No. of Videos uploaded	6
Book	<i>Ecological Traditions of Assam</i>
Pamphlet	Green and Clean Tourism

Workshops attended

- ❖ Ms. B. Tirumala, ENVIS Programme Officer and Mr. R. Sathya Narayanan, IT Assistant attended the three days training programme on **Geographic Information System (GIS)** at Bhaskaracharya Institute of Space Application and Geo-informatics [BISAG] at Gandhinagar, Gujarat from **September 21 to 23, 2017**.
- ❖ Dr. Nanditha Krishna, Honorary Director and Dr. P. Sudhakar, Joint Director participated in the Green Skill Development Programme (GSDP) Meeting on **Training of Master Trainers** organized by the ENVIS Centre at New Delhi on **November 9, 2017**.
- ❖ Dr. P. Sudhakar, Joint Director and Ms. B. Tirumala, ENVIS Programme Officer participated in the **Video Conference** organized by the MoEF&CC for discussion on the proposed courses by the respective ENVIS Centres on GSDP under the **Biodiversity Sector** at National Informatics Centre (NIC), Chennai on **December 27, 2017**.
- ❖ Dr. P. Sudhakar, Joint Director and Ms. B. Tirumala, ENVIS Programme Officer participated in the **Video Conference** organized by the MoEF&CC for discussion on the proposed courses by the respective ENVIS Centres and NEERI on GSDP under the **Environment Sector** at National Informatics Centre (NIC), Chennai on **December 29, 2017**.



CPREEC carried out the following programmes as per Ministry's request

ANTI PLASTIC CAMPAIGN AT OOTY

CPREEC's Field Office at Ooty has been actively carrying out the Anti Plastic Campaign at Ooty in close coordination with the Nilgiris District Administration over the years. This year, the campaign was organized over the weekends in the month of April 2017 during peak tourist season at the Botanical Gardens and over the weekends in the month of May at Sim's Park, Coonoor.

for promoting **Sustainable Tourism** on May 22, 2017.

An awareness programme on Biodiversity and Sustainable Tourism was organized by the Port Blair Field Office at Calicut Village, South Andaman, and Andaman & Nicobar Islands. Mrs. Ashna Majeed, Pradhan, Gram Panchayat of Calicut Village inaugurated the programme and appealed to the participants to protect the local biodiversity. She said that tourism provides livelihood opportunities to the youth and the islands fragile eco system should be protected. Shri. Darik Minj, Assistant Professor, Botany, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM), Port Blair highlighted the importance of floral diversity in the context of tourism and the importance of various medicinal plants native to these islands.

INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY – MAY 22

CPREEC organized awareness programmes in Port Blair, Andaman & Nicobar Islands and Banagudi Shola, Aravenu, Kotagiri, Nilgiris in Tamil Nadu



**Programme at Calicut Village,
South Andaman**



**Programme at Banagudi Shola
Aravenu, Kotagiri, Nilgiris**

An awareness programme cum field visit was organized by the Ooty Field Office at Banagudi Shola, Aravenu, Kotagiri, Nilgiris District in Tamil Nadu. Mr. N. Srinivasan, Range Forest Officer, Kotagiri Range inaugurated the programme and explained the various ecosystem such as grassland eco system, shola forest eco system and swamps that serve as the major source of water for the hill station as well as for the plains. Mr. M. Kumaravelu, Environmental Education Officer, CPREEC, Ooty Field Office explained the theme and appealed to the field guides and tribal youth to maintain the sholas and grasslands free from pollution. Mr. Tamilmohan, Forester explained the importance of various

plant species in the forests that support faunal activity including dead wood.

WORLD ENVIRONMENT DAY – JUNE 5

CPREEC celebrated **World Environment Day** (June 5, 2017) with a trek inside the Guindy National Park, Chennai. The participants – old and young, professionals and students – took part in this walk and many were hardly aware that Chennai had such a rich wildlife. At the end, they all took a pledge inside the forest to protect the environment. This was an excellent example of connecting people to nature.



CPREEC's Field Office at Ooty organized awareness cum cleaning campaign involving the students of Government Higher Secondary School, Gudalur at Davis Park, Ooty on June 5th as part of World Environment Day. Dr. S. Rajan, Field Botanist and Senior Scientist, Ministry of Ayush, Government of India

inaugurated the campaign and addressed the students on the importance of protecting the native species and biodiversity conservation. Mr. Sriram, Forester, Nilgiris North Range and Mr. F. Robert, National Green Corps (NGC) Co-ordinator. Gudalur interacted and guided the students.



Awareness cum cleaning campaign at Davis Park, Ooty

INTERNATIONAL YOGA DAY – JUNE 21

CPREEC organized a mass yoga programme on International Yoga Day, at Chennai. A total of 450 students from Saraswathi Kendra Learning Centre for Children and The Grove School, Alwarpet, took part in the Yoga Day Celebrations.



SWACHHATA PAKHWADA


CPREEC celebrated Swachh Bharat Pakhwadas, a fortnightly event from June 9 - 15, 2017. A set of seven posters on Sanitation in (English/Tamil) were designed and developed with the aim to promote sanitation and water conservation among target audiences both in urban and rural areas.

These posters were distributed to all the schools in Tamil Nadu by coordinating with District Eco Club Coordinators. The posters were also distributed to the Government Officials, NGOs/CBOs/VLEs and SHGs from various districts.

Dr. P. Sudhakar, Joint Director & ENVIS Coordinator, CPREEC delivered a lecture on “Clean India Campaign: An overview in Tourism Destinations” during the “Swachhata Action Plan – A Two Days Workshop on Cleanliness in Tourism Destinations & One day field work in Mahabalipuram” organized jointly by Department of Geography Tourism and Travel Management, Madras Christian College, Chennai with Indian Institute of Tourism and Travel Management sponsored by Ministry of Tourism, Government of India at Chennai.

POSTERS DEVELOPED BY CPREEC ON SWACHH BHARAT


GARBAGE DISPOSAL



Keep your school compound clean.
Keep a dustbin in every classroom. An empty cardboard or wooden box can be used.
Keep a larger garbage bin in the schoolyard. This can be made of metal or that it looks larger.
Garbage can be thrown into a garbage pit in your schoolyard. Dig a pit about 1.5 meters long, 1 meter wide and 0.5 meters deep. You can make it bigger or smaller depending on the number of students in your school.
At least once a week, cover the garbage with a layer of soil about 1.5 cm thick. This will prevent flies from breeding in the garbage.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai


WATER SOURCES



Do not throw rubbish into open wells.
Always use a clean bucket to draw water from the well.
The platform around the well / hand pump or tap should always be maintained clean and free from rubbish.
Avoid accumulation of litter for a radius of 15 meters from the source.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai


DRINKING WATER



Keep the drinking water pitcher covered.
Do not dip the cup into the pitcher.
Always pour water from the pitcher into a cup or use a ladle.
Wash hands before cupping them to drink water from the tap or hand pump.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai

Children's Hygiene and Sanitation



Brush your teeth in the morning and evening to prevent tooth decay.
Clip nails and keep them clean.
Wash hands with soap after defecation.
Wash hands with soap before eating.
Turn off the tap after use.
Don't waste water.
Try not to spill food while eating.
Throw the leftovers in the dustbin and waste baskets only.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai


Women, Water, Sanitation and Hygiene



Women should be trained as water manager for the better utilization of water.
Practice household water treatment and safe storage.
Treat wastewater for environmental protection and water conservation.
Reduce overall water demand and use water more efficiently.
Protect water sources from pollution.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai

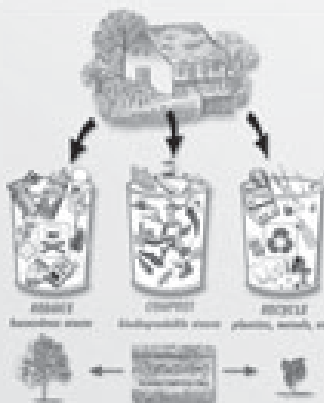
SANITARY LATRINE



Use the sanitary latrine. Do not pass stools or urine in the open. Flush the latrine with water after you use it.
Help teachers to make sure that the latrine is used properly and is well maintained.
Help fill the water tank so that enough water is available at all times.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai

REDUCE REUSE RECYCLE



REDUCE: Reduce waste.
REUSE: Reuse materials.
RECYCLE: Recycle plastics, metals, etc.

THINK BEFORE YOU THROW
Turn waste into wealth.

C.P.R. ENVIRONMENTAL EDUCATION CENTRE
Chennai

WILDLIFE WEEK CELEBRATIONS – OCTOBER 2017

As part of Wildlife Week celebrations during the first week of October 2017, CPREEC's Field Office at Ooty, Nilgiris organized a seminar at Bharathiyar University Arts and Science College, Gudalur and quiz competitions for the students of Government Higher Secondary School, Gudalur on October 6, 2017.

WORLD WETLANDS DAY CELEBRATIONS 2018

CPREEC organized an interactive sessions with school students in Chennai and Tiruppur on the importance of wetland conservation. The programme also

highlighted the important role of urban wetlands. The children were made to understand the need for conservation of wetlands as when wetlands are destroyed by filling up and reclaimed for development as human habitation, the result can be devastating. Children were also briefed about the traditional and modern conservation techniques currently used for wetlands maintenance, protection and conservation. Drawing competitions were organized for school students. The film on *Chilika Lake* was also screened.

WORLD SPARROW DAY

On World Sparrow Day (March 20, 2018), an awareness programme was organized for 230 students of Chennai Middle School, Old Washermanpet, Chennai.



REPRESENTATION IN COMMITTEES

- ❖ Dr. T. Sundaramoorthy, Assistant Director has been nominated to serve as a Member in the State Level Committee to monitor the progress in implementation of action plans of the Tamil Nadu Pollution Control Board (TNPCB) – Comprehensive Environment Pollution Index since 2017
- ❖ Dr. T. Sundaramoorthy, Assistant Director served as a Member of the First Meeting of the State Level Advisory Committee on Bio-Medical Waste Management, convened by the Health and Family Welfare (H1) Department, Government of Tamil Nadu at Chennai on **April 26, 2017**.
- ❖ Dr. T. Sundaramoorthy, Assistant Director participated in the Steering Committee Meeting of the State CAMPA – Annual Plan of Operation for 2017 – 18, organized by the Tamil Nadu Forest Department at the Secretariat on **September 18, 2017**.
- ❖ Dr. P. Sudhakar, Joint Director served as a Jury Member for the sub theme – **National Resource Management** – 25th National Children's Science Congress 2017, Kendriya Vidyalaya Sangathan Regional Level Competitions held at Kendriya Vidyalaya – IIT, Chennai on **October 27 and 28, 2017**.
- ❖ Dr. T. Sundaramoorthy, Assistant Director participated in the Doctoral Committee Meeting for Ph.D. Scholar – Ms. M. Vishnu Priya, organized by the Department of Preventive & Social Medicine, JIPMER, Puducherry on **January 10, 2018**.
- ❖ Dr. T. Sundaramoorthy, Assistant Director served as a Member in the Review Committee Meeting of the Project on the Long Term Monitoring Programme in Lakshadweep Reefs by Zoological Survey of India on **February 2, 2018**.
- ❖ Dr. T. Sundaramoorthy, Assistant Director served as a Member for scrutinizing the project proposals received for funding by National Biodiversity Authority (NBA), Chennai on **February 15, 2018**.
- ❖ Dr. P. Sudhakar has been recognized by the University of Madras to Guide Ph.D. students on Environmental Studies.

PANEL DISCUSSION

- ❖ Dr. P. Sudhakar, Joint Director served as a Member in the Panel Discussion on **Social Issues** – Tamil Nadu Curriculum Development Framework – discussion and drafting of Curriculum, convened by the Tamil Nadu State Council of Educational Research and Training, School Education Department, Government of Tamil Nadu on **July 28, 2017**.



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WORKSHOPS ATTENDED / LECTURES DELIVERED

- ❖ Mr. S. Ravishankar, Project Officer, CPREEC, Karnataka State Office delivered a lecture on **Environmental Education** on various dates as detailed below:
 - o Eco Club Members at Mysore on April 8 and 9, 2017.
 - o Summer Science Camp Members at Bengaluru on April 18 & 19, 2017; at Tumakuru on April 20, 21, 28, 29 and May 18th; at Doddaballapur on May 4th and at Chamaraja Nagar on May 23, 2017.
 - o Teachers of Renuka Vidya Peetha, Tumakuru on April 25, 2017
 - o Eco Camp Members at Hassan on October 14 and 15, 2017
 - o Geo Science Teachers of DIET, Tumakuru on February 20 and 21, 2018
 - o Served as a Resource Person during the National Green Corps Master Resource Person Training organized by EMPRI, Bengaluru on January 29 and 30, 2018
- ❖ Mr. U. Thirunavukkarasu, Senior Environmental Education Officer delivered a guest lecture on **'Swaatch Bharath Missions and Cleanliness in Schools of Tamil Nadu'** at the Capacity Building Workshop for NGC Coordinators of Tamil Nadu, organized by Environmental Management Agency of Tamil Nadu (EMAT), Government of Tamil Nadu at Chennai on **May 19, 2017**.
- ❖ Mr. M. Kumaravelu, Environmental Education Officer based at Ooty Field Office served as a Trekking guide and addressed the participants on the **Importance of Nilgiri Biosphere Reserve** during the Nature Camp held at Parsons Valley organized by Mysore Amateur Naturalist on **May 23, 2017**.
- ❖ Mr. M. Kumaravelu, Environmental Education Officer based at Ooty Field Office attended World Environment Day Rally organized by Government High School, Ekoni, Nilgiris and addressed the students on **June 16, 2017**.
- ❖ Dr. M. Amirthalingam, Environmental Education Officer presented a paper on **Ownership and Management Practices of Orans/Charnots in India** during the National Workshop on **Conservation of the Community Conserved Areas (ICCAS)**, organized by INTACH Jodhpur Chapter and Mehrangarh Museum Trust at Chokelao Mahal, Mehrangarh Fort, Jodhpur on **July 15 and 16, 2017**.

- ❖ Mr. U. Thirunavukkarasu, Senior Environmental Education Officer delivered a guest lecture on **Environmental Sustainability, Conservation and Solid Waste Management** for the Head Masters and Teachers of Green Schools Project of Catamaran, Chettikupam, Marakanam block at the workshop for teachers, Catamaran Centre on **September 6, 2017**.
- ❖ Dr. P. Sudhakar, Joint Director inaugurated the Botany Society and Botany Post Graduate Club at Madras Christian College and delivered a lecture on **Urban Biodiversity – Past and Present** on **September 12, 2017**
- ❖ Mr. U. Thirunavukkarasu, Senior Environmental Education Officer delivered a lecture on **Impact of Climate Change on the Environment and Role of Panchayats** at the State Institute of Rural Development, Chennai on **September 14, 2017**.
- ❖ Dr. P. Sudhakar, Joint Director and Ms. B. Tirumala, ENVIS Programme Officer attended the GSDP/GRIDSS Meeting with Universities/Colleges situated in Tamil Nadu chaired by Dr. Anandi Subramanian, Senior Advisor, MoEF&CC and Ms. Urmila, Joint Director, EI Division, MoEF&CC convened at the Anna University, Chennai on **November 7, 2017**.
- ❖ Mr. U. Thirunavukkarasu, Senior Environmental Education Officer attended the **Tamil Nadu State Environmental Award Ceremony** organized by the Department of Environment, Government of Tamil Nadu at the State Pollution Control Board Auditorium, Chennai on **November 7, 2017**.
- ❖ Dr. T. Sundaramoorthy. Assistant Director delivered a lecture on **Role of Zoo's in Environmental Education** for the Animal Keepers during the workshop for Animal Keepers of South India organized by Arignar Anna Zoological Park, Vandalur, Chennai in collaboration with Central Zoo Authority, New Delhi on **February 14, 2018**.
- ❖ Mr. U. Thirunavukkarasu, Senior Environmental Education Officer attended the **Airothon Chennai Edition**, organized by the Department of Civil Engineering, Indian Institute of Technology (IIT), Madras and Society for Internal Environment, New Delhi at IIT Campus, Chennai on **February 16, 2018**.
- ❖ Dr. P. Sudhakar, Joint Director delivered a lecture on **Ethonobotany and Medicinal Plants** at the Department of Plant Biology and Bio Technology, Women's Christian College, Chennai on **February 19, 2018**.
- ❖ Dr. T. Sundaramoorthy. Assistant Director attended the inception workshop for Access and Benefit Sharing Partnership Project under Indo – German Biodiversity

Programme at Chennai, organized by the Tamil Nadu Biodiversity Board, Government of Tamil Nadu on **February 27, 2018.**

- ❖ Mr. K. Venkatratnam, Project Officer, Andhra Pradesh served as a resource person and delivered a lecture on Conservation of Urban Wetlands, as part of the Wetlands for the Sustainable Urban Future programme organized by the Andhra Pradesh Urban Greening and Beautification Corporation Limited, Vijayawada on **February 2, 2018.**
- ❖ Mr. K. Venkatratnam, Project Officer, Andhra Pradesh served as a resource person and delivered a lecture as part of National Science Day organized by Andhra Pradesh Centre for Science & Technology (APCOST) at D.S.M. High School, Vijayawada on **February 28, 2018.**
- ❖ Mr. K. Venkatratnam, Project Officer, Andhra Pradesh served as a resource

person and delivered a lecture on Disaster Management, organized by Red Cross, Andhra Pradesh Unit at AG & SG College, Vuyyuru on **March 9, 2018.**

MEDIA

- ❖ Dr. P. Sudhakar, Joint Director gave a live interview to NDTV on **Air Pollution due to fireworks after Deepavali** on **October 19, 2017.**
- ❖ Mr. M. Kumaravelu, Environmental Education Officer based at Ooty Field Office gave an Interview to Sun TV and Thanthi TV on **Swamp lands and their degradation** on **December 30, 2017.**
- ❖ Dr. P. Sudhakar, Joint Director gave an interview to *Pudhiya Thalaimurai* Television on **Air Pollution** in the programme titled *Rowdhram Pazhagu* telecasted on **February 10, 2018.**



18 PRESS CLIPPINGS



**DINATHANTHI, THIRUPPUR,
FEBRUARY 3, 2018**



**DINAMALAR,
COIMBATORE,
MAY 25, 2017**

உலக சுற்றுச்சூழல் தினத்தில் சுகாதார பணி

ஊட்டி ● ஜூன் 6-

ஊட்டியில், உலக சுற்றுச்சூழல் தினத்தையொட்டி இயற்கையோடு மக்களை ஒருங்கிணைக்கும் வகையில், சுகாதாரப்பணி மேற்கொள்ளப்பட்டது.

உலக சுற்றுச்சூழல் தினத்தையொட்டி, சி.பி.ஆர்., சுற்றுசூழல் கல்வி மையம் மற்றும் தேசிய பசுமைப்படை இணைந்து, ஊட்டியில் உள்ள டேவிஸ் பூங்காவில் சுகாதார பணி குறித்து விழிப்புணர்வு நிகழ்ச்சி மற்றும் கள பயணம் நடந்தது.

தேசிய பசுமைப்படை ஒருங்கிணைப்பாளர் 'ராபர்ட்' வரவேற்றார். மத்திய அரசின்

● களத்தில் அசத்திய மாணவ, மாணவியர்

'ஆயுஸ்' அமைப்பின் மூத்த விஞ்ஞானி ராஜன் துவக்கி வைத்து பேசுகையில், "இந்த நிகழ்ச்சியில், இயற்கையோடு மக்களை ஒருங்கிணைப்பது; வெளிநாட்டு தாவரங்களால் தீமை அதிகரித்து வருவதால், அவற்றை அழிக்க வேண்டும். உலக வெப்ப மயமாதலால் ஏற்படும் பாதிப்புகளை தடுப்பது; சுற்று சூழலுக்கு மாசு ஏற்படாமல் பார்த்து கொள்ள வேண்டும். புதிய மரங்களை நட்டு மரங்களின் வளத்தையும், பூமியின் வளத்தை காப்பாற்ற வேண்டும்," என்றார்.

இயற்கையை பாதுகாப்பு குறித்து மாணவ, மாணவிகளிடம் விழிப்புணர்வு ஏற்படுத்தப்பட்டதுடன், ஊட்டி டேவிஸ் பூங்காவில் தூய்மைப்பணி மேற்கொள்ளப்பட்டு சுத்தம் செய்யப்பட்டது.

கூடலூர் அரசு மேல்நிலைப்பள்ளியை சேர்ந்த, 35 மாணவ, மாணவியர் இந்த தூய்மைப்பணியில் ஈடுபட்டனர். நிகழ்ச்சியில், ஒருங்கிணைப்பாளர் குமார வேலு, சுற்று சூழல் ஆர்வலர் கவுசிக், வனவர் ஸ்ரீராம் உட்பட பலர் கலந்து கொண்டனர்.



■ ஊட்டி டேவிஸ் பூங்காவில், உலக சுற்றுச்சூழல் தினத்தை முன்னிட்டு, சி.பி.ஆர்.,சுற்றுச்சூழல் கல்விமையம் சார்பாக நடந்த நிகழ்ச்சியில், கூடலூர் அரசு மேல்நிலைப்பள்ளி மாணவ, மாணவியர் மத்தியில் பேசிய, தாவரவியல் ஆய்வாளர் ராஜன். அருகில் ஒருங்கிணைப்பாளர் குமாரவேலு.

DINAMALAR (TAMIL DAILY), OOTY, JUNE 6, 2017

கோவை 19-7-2017 13 தினத்தந்தி

உளட்டியில்

சுற்றுச்சூழல் பாதுகாப்பு குறித்து கல்லூரி மாணவ-மாணவிகளுக்கு பயிற்சி

உளட்டி, ஜூலை 19-
உளட்டியில் சுற்றுச்சூழல்
பாதுகாப்பு குறித்து கல்
லூரி மாணவ-மாணவி
களுக்கு பயிற்சி அளிக்கப்
பட்டது.

**மாணவ- மாணவிகளுக்கு
பயிற்சி**

உளட்டி தீட்டுக்கல் பகுதி
யில் உள்ள மத்திய மண் மற்
றும் நீர் வள ஆராய்ச்சி
மையத்தில் தனியார் சுற்றுச்சூ
ழல் எல்வி மையம் சாட்சிம்,
அரசு கல்லூரி மாணவ-மாண
விகளுக்கு சுற்றுச்சூழல்
தொடர்பான சூழல்பல் பதிவு
செய்தல் குறித்த பயிற்சி
அளிக்கப்படுகிறது. இந்த பயிற்
சியை சிறப்பு பகுதி மேம்
பாட்டு திட்ட இயக்குனர்
அமர் குஷ்வாவூர தொடங்கி
வைத்து பேசினார்.

அப்போது அவர் கூறும்
போது, குப்பைகளை தவித்த
விவரகமிர்த்துகையாவதன்
மூலம் சுற்றுச்சூழலை பாது
காக்க முடியும். தீல்கிரி மாஸ்ட்
டத்தில் உள்ள வனப்பகுதி
மற்றும் வனவிலங்குகளை
பாதுகாக்க மாணவர்கள் மற்
றும் இளைஞர்கள் முன்வர
வேண்டும், என்றார். இதில்
ஆராய்ச்சி மைய தலைவர் ஓம்
பாட்சிம் கோலா, முதன்மை
விஞ்ஞானி மணிவண்ணன்



உளட்டியில் கல்லூரி மாணவ-மாணவிகள், ஒலி மாக
அளவிரும் கருவி மூலம் ஒலி மாக அளவை பதிவு செய்
தாட்சி.

உள்பட பலர் கலந்துகொண்
டனர்.

ஒலி மாக அளவு பதிவு

உளட்டி அரசு கலைக்கல்
லூரி மற்றும் கூட்டஜார் அரசு
கலைக்கல்லூரியில் படித்து
வரும் 25 மாணவ-மாணவி
கள் கலந்துகொண்டு பயிற்சி
பெற்று வருகின்றனர். முதல்
கூட்டமாக உளட்டி ராஜ்யகாந்தி
ரவுன்டரீனரவில்
மாணவ-மாணவிகளுக்கு ஒலி
மாக அளவிடுதல் குறித்த
பயிற்சி அளிக்கப்பட்டது.

டாக்டர் சுதாகர், ஒலி மாக
அளவிடும் கருவி மூலம் மாண
வர்களுக்கு பயிற்சி அளித்தார்.
மாணவர்கள் உளட்டி நகரின்
தருவே ஒலி மாக அளவை
பதிவு செய்தனர்.

அனைத்து தொடர்ந்து காற்று,
திலம் மற்றும் நீர் மாக குறித்து
அளவிட மாணவர்களுக்கு

பயிற்சி அளிக்கப்பட உள்ளது.
மேலும் முதன்மை வளப்பகு
தியில் பல்பூமியர் - பெருக்கம்,
வனவிலங்குகளின் நிலை,
வெளிநாட்டு தாவரங்களின்
தாக்கம் உள்பட பல்புவறு சுற்
றுச்சூழல் தொடர்பான மாண
வர்களுக்கு 5 நாட்கள் பயிற்சி
அளிக்கப்பட இருக்கிறது.

இந்த கலப்பயிற்சி மூலம் சுற்
றுச்சூழல் தொடர்பான சந்தே
கங்களுக்கு மாணவர்கள் தீர்வு
காணலாம். மேலும் இதன் மூ
லம் அவர்களின் கல்வி அறிவு
மேம்படும் என்று பயிற்சிவா
ளர்கள் தெரிவித்தனர்.

DINATHANTHI (TAMIL DAILY) - COIMBATORE, JULY 19, 2017

Levels high in Ooty and Gudalur

-DC

izing environmental conservation, highlight the critical role of print and electronic medium in popularization of science and environmental ecology and encourage pro-environmental behaviour and attitude.

"Increase in sound/noise level is closely linked to mental stress, sleep disturbance, irritability, stress, tension, distraction and even risk of heart disease. Noise levels that exceed 90 dB, will lead to hearing impairment in varying degrees. Hence, it is imperative to create awareness among drivers and periodically check to avoid use of air horns," Mr. Kumaravelu noted.



**THE PRAMEY & THE SAMAJ, ODIA DAILY NEWS PAPER
JULY 22, 2017**

Youth engagement workshop by CPREEC at FTI from today

PORT BLAIR, AUG 17/—/ C.P.R. Environmental Education Centre (CPREEC) has been sanctioned the project named 'Eco-Eureka - Youth engagement workshops on Nature and Labs' by the National Council for Science & Technology Commission (NCSTC), Department of Science & Technology, Government of India.

The workshop aims at highlighting the concept of environment and ecology, identify and trace out the problem areas in environmental degradation, highlight and discuss the recent trends in environmental pollution, document and to disseminate the effective science communication measures in popularizing environmental conservation, highlight the critical role of print and electronic medium in popularization of science and environmental ecology and to bring out pro-environmental behavior and attitude. In this connection, CPREEC, in collaboration with the Department of Environment & Forests and Department of Higher Education, Andaman Administration will organize a workshop-cum-residential camp at the Forest Training Institute (FTI), Wimberrigunj from Aug 18-22, 2017. Students of Tagore Government College of Education and Jawaharal Nehru Rajkanya Mahavidyalaya in Port Blair will participate in the camp. The inaugural function will be held on Aug 18 at 9.30 am in the Conference Hall, Forest Training Institute. Dr. K. Ravichandran, Chief Conservator of Forests, Research and Working Plan, Department of Environment & Forests, Andaman and Nicobar Administration will be the chief guest, while Mr S. K. Thomas, Divisional Forest Officer, South Andaman will be the guest of honour on the occasion. Besides lectures by eminent subject experts, the participants will be taken on field visits to the Reserve Forest, mangroves and coastal areas. The students will be given hands on experience on laboratory techniques at the Laboratory of the Central Island Agricultural Research Institute (CIARI).

Eco Eureka, a youth engagement workshop, is about instilling scientific temperament among the young minds by adopting experiential learning methodology. Students tend to learn by experiencing the nature and related activities, this in turn enhance their understanding on nature and as well create a positive impact towards nature conservation. A group of 26 college students of 18-25 years are engaged in the five day workshop cum residential camp. They are involved in series of nature-based outdoor activities designed to enhance their consciousness and in-depth understanding about nature and natural systems. The participants shall be trained on environmental quality monitoring procedures i.e. analyzing the pollution level on air, water, noise and soil. They shall be trained on usage of instruments, handling the chemicals, followed by education and public awareness on the pollution level. Training on laboratory procedures, nature conservation, renewable resources for sustainable futures and ecological restoration shall be conducted in the indoor setting with appropriate illustrations.

THE ECHO OF INDIA, PORT BLAIR, AUGUST 18, 2017

THE ECHO OF INDIA-PORT BLAIR
Thursday, August 24, 2017

Residential camp on nature, labs concludes at FTI



PORT BLAIR, AUG 23 /- /C.P.R. Environmental Education Centre, Port Blair in collaboration with Dept. of Environment and Forests, Andaman & Nicobar Administration conducted a five-day residential camp, Eco-

Environ Youth Engagement Workshop on Nature and Labs at Forest Training Institute, Wimbiergyanj recently. The camp was organized for those-located college students of these islands to generate awareness on nature and environ-

mentally scientific orientations and was funded by Dept. of Science and Technology, Govt. of India.

The comprehensive training camp focused upon various subjects re-

lated with nature and environment like floral and faunal diversity of the islands, assessment of soil and water quality and land use evaluation, pollution and its impact on environment, climate change, marine ecology

and its conservation etc. Besides the classroom sessions, practical sessions involving field visits to forest areas including mangrove habitats, visit to various institutions, labs and museums attached with Indian Institute of Geomagnetism (IIGM) Field Station, Shool Bay, Central Island Agriculture Research Institute (CIARI), Ganachurna, Zoological Survey of India (ZSI), Port Blair and Botanical Survey of India (BSI), Port Blair. The students were also given hands on training on GPS handling, water and soil testing, noise pollution assessment etc. The competitions were handled by competent and qualified resource persons with professional expertise and long field experience in various disciplines of forest and environment. Resource persons from Dept. of Environment & Forests, IIGM, CIARI, BSI, ZSI, Dept. of Science and Technology, A&N Admin. and Jawahar Lal Nehru, Rajkya Maha Vidyalaya (JNMV), Port Blair led various sessions. The camp

started on August 16 in the Conference Hall of Forest Training Institute, Wimbiergyanj in which Dr. K. Ravichandran, Chief Conservator of Forests was the chief guest. He distributed training kits to the participants. The camp concluded on August 22 with a valedictory function in which Mr. S.K. Thomas, Divisional Forest Officer, South Andaman was the chief guest and distributed course completion certificates to the participants.

Altogether 25 students from JNMV and Tagore Govt. College of Education, Port Blair attended the camp. They actively participated in the entire camp updating and getting clarifications on different subjects of the camp and taking up various practical assignments on different topics. The entire camp was coordinated by Mr. A. Gopal, Project Officer, CPR Environmental Education Centre, Port Blair and Mr. Joya P. Akappan, Director, Forest Training Institute, Wimbiergyanj.

THE ECHO OF INDIA, PORT BLAIR, AUGUST 24, 2017

THE ECHO OF INDIA-PORT BLAIR
Tuesday, January 30, 2018

Awareness on Waste Management at Diglipur



DIGLIPUR, JAN 29 /- / The Department of Science and Technology Andaman and Nicobar Administration in collaboration with CPR Environmental Education Centre, Chennai has organized awareness programmes at

Diglipur on Waste Management and its related issues for protection of the islands ecosystem.

The main objective was to sensitize the students and general public about the importance of waste handling

and segregation at source, so as to it can be disposed in a scientific manner because at present the collection, segregation and disposal is biggest challenge in management of the wastes. On 24th January 2018, painting competition,

seminar and lecture for students of Diglipur Educational Centre was organized in which to students and teachers from GSSS Diglipur, GMSSS Sitanagar, GSSS Subhasgram, GSS Madhupur, GSS Laxminagar and GSS Dargapur participated.

Mr. A. Gopal, Project Officer, CPREEC, Port Blair delivered lecture on waste management through Power point presentation to disseminate the information on good waste management practices, provisions under various rules and duty and responsibilities of people.

Mr. Madhan Singh, Health Educator of Community Health Centre, Diglipur spoke on the benefit of good sanitation practices and the health related issues due to unscientific disposal of wastes. Mr. Sashi Kumar DEO, Diglipur was the chief guest on the occasion. He

appealed to the students to adopt small practices day today life to help which will protect the islands ecosystem. He also gave away the prizes and certificates to the winners of various competitions. On 24th January 2018 awareness programmes for PRI, women, Self Help Group members, sanitation workers and shopkeepers was organized at Subhasgram, Ms. Alpana Mondal, Pradhan, Subhasgram, Gram Panchayat was the Chief Guest. She requested the people to come forward and sincerely adopt the practice of segregation of waste at source. Mr. M. Raje, Sarpanch, Subhasgram, Gram Panchayat informed that Diglipur is getting space in the tourist map of Andaman therefore it is the duty of each and every one to make Diglipur neat and clean.

THE ECHO OF INDIA, PORT BLAIR, JANUARY 30, 2018

सिफारिश करणा। सरकार बढ़ता किसानों को फसल का एकमात्र

प्रकृति तथा प्रयोगशालाओं पर युवाओं के लिए प्रशिक्षण आयोजित

पोर्ट ब्लेयर, 23 अगस्त।

दक्षिण अंडमान के विम्बर्लीगंज में वन प्रशिक्षण संस्थान में गत 18 से 22 अगस्त, 2017 तक प्रकृति एवं प्रयोगशालाओं पर इको-यूरेका यूथ एनोजमेंट कार्यशाला का आयोजन किया गया। पोर्ट ब्लेयर के सीपीआर पर्यावरण शिक्षा केन्द्र द्वारा अंडमान निकोबार प्रशासन के पर्यावरण एवं वन विभाग के सहयोग से द्वीपों के चुनिंदा कॉलेज विद्यार्थियों के लिए यह शिविर आयोजित किया गया। शिविर का उद्देश्य भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग के वित्त पोषण में वैज्ञानिक संचार द्वारा प्रकृति एवं पर्यावरण के बारे में जागरूकता लाना था।

व्यापक प्रशिक्षण शिविर में द्वीपों की वनस्पति एवं प्राणी विविधता, मिट्टी एवं पानी की गुणवत्ता, उपयोग की जाने वाली जमीन का मूल्यांकन, प्रदूषण तथा पर्यावरण पर इसके प्रभाव, जलवायु परिवर्तन, समुद्री पारिस्थितिकीय प्रणाली तथा इसके संरक्षण जैसे प्रकृति एवं पर्यावरण से संबंधित विषयों पर ध्यान दिया गया। कक्षा सत्र के अलावा व्यावहारिक सत्र में शोल बे के इंडियन इंस्टीट्यूट ऑफ



जियो मेगनटिज्म (आईआईजी) के फील्ड स्टेशन, गाराचरामा स्थित केन्द्रीय द्वीपीय कृषि अनुसंधान संस्थान, पोर्ट ब्लेयर के भारतीय प्राणी सर्वेक्षण तथा भारतीय वनस्पति सर्वेक्षण से सम्बद्ध प्रयोगशालाओं और संग्रहालयों के दौरे के जरिए मैग्नोव अच्छादन सहित वन क्षेत्रों के बारे में जानकारी दी गई। पेशेवर विशेषज्ञों के साथ सक्षम एवं योग्य स्रोत शिक्षकों ने शिविर का संचालन किया, जिनमें इंडियन इंस्टीट्यूट ऑफ जियो मेगनटिज्म, केन्द्रीय द्वीपीय कृषि अनुसंधान संस्थान, भारतीय वनस्पति सर्वेक्षण, भारतीय प्राणी सर्वेक्षण, अंडमान निकोबार प्रशासन के विज्ञान एवं प्रौद्योगिकी विभाग तथा पोर्ट ब्लेयर के जवाहरलाल नेहरू राजकीय महाविद्यालय के सदस्य शामिल

हुए।

मुख्य वन संरक्षक डॉ. के. रविचन्द्रन ने प्रशिक्षण शिविर का उद्घाटन किया। समापन अवसर पर दक्षिण अंडमान के प्रभागीय वन अधिकारी श्री एस.के. थॉमस मुख्य अतिथि थे। उन्होंने प्रतिभागियों में पाठ्यक्रम प्रमाणपत्रों को वितरण किया।

शिविर में जवाहरलाल नेहरू राजकीय महाविद्यालय तथा टैगोर राजकीय शिक्षा महाविद्यालय के कुल 25 विद्यार्थियों ने भाग लिया। सीपीआर पर्यावरण शिक्षा केन्द्र के परियोजना अधिकारी श्री ए. गोपाल तथा वन प्रशिक्षण संस्थान के निदेशक श्री जोजू पी. अलापट्ट ने शिविर की गतिविधियों का संचालन किया।

आकाशवाणी में विविध भाषाओं में

DWEEP SAMACHAR, PORT BLAIR, AUGUST 24, 2017

ANDAMAN SHEEKHA 30.01.2018, Port Blair

CPR Environmental Education Centre, Chennai organizes awareness programs at Rangat on Waste Management

Port Blair, Jan 29: The Department of Science and Technology Andaman and Nicobar Administration in collaboration with CPR Environmental Education Centre, Chennai has organized awareness programs at Rangat on Waste Management and its related issues for protection of the islands ecosystem. The main objective

(See page 5)



CPR Environmental...

(From page 3)

of the programs was to sensitize the students and general public about the importance of waste handling and segregation at source, so that it can be disposed in a scientific manner because at present the collection, segregation and disposal is biggest challenge in management of the wastes.

On 18th & 19 January 2018, painting competition, seminar and lecture for students of Rangat Educational participated. Mr. A. Gopal, Project Officer, CPREEC, Port Blair delivered lecture zone was organized in which 70 students and teachers from GSSS, Rangat, GSSS, Sabari, GSSS, Bakultala, GSS, Nimbutala, GSSS, Swadeshnagar and VKV, Rangat on waste management through Power point presentation to disseminate the information on good

waste management practices, provisions under various rules and duty and responsibilities of people. Mrs. Reeta Raghuvanshi, DEO, Rangat was the Chief Guest on the occasion. Speaking on the occasion she urged to the students to join hands in waste management and make it as a part of their life so as to save the islands ecosystem. She also gave away the prizes and Certificates to the winners of various competitions.

On 19 January 2018 awareness program for PRI, women, Self Help Group members, was organized at Rangat. Mr. Sathesh Kumar Singh, Pradhan, Rangat, Gram Panchayat was the Chief Guest. Speaking on the occasion he appeal the people to segregate the waste at source and to not throw any waste in to the sea. Also try to minimize the plastics in day to day life.