

C. P. R. ENVIRONMENTAL EDUCATION CENTRE

a Centre of Excellence in Environmental Education



ANNUAL REPORT

APRIL 1, 2021 TO MARCH 31, 2022

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Established jointly by the Ministry of Environment, Forest & Climate Change,
Government of India and the C.P. Ramaswami Aiyar Foundation

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1

SUMMARY OF ACTIVITIES FOR THE YEAR 2021 – 2022

C.P.R. Environmental Education Centre (CPREEC) is a Centre of Excellence in Environmental Education. Due to the prevailing COVID pandemic and lockdown, programmes of CPREEC were mostly conducted online. CPREEC managed to carry out the following activities from April 2021 to March 2022.

World Environment Day

World Environment Day was observed on June 5th and CPREEC ENVIS –RP, Chennai designed and released a poster on Ecosystem Restoration. Dr. Nanditha Krishna, Honorary Director, CPREEC, delivered an online lecture on ‘**Our Food and Climate Change**’ emphasizing the necessity of Ecosystem Restoration through Zoom meeting.

Sustainability Education Programme for Schools

CPREEC implemented the WIPRO Earthian Sustainability Education programme for Schools funded by WIPRO Foundation, Bengaluru in the states of Tamil Nadu, Andhra Pradesh, Telangana, Karnataka, Goa and the Union Territories

of Puducherry and Andaman & Nicobar Islands.

The prevailing situation in April – June 2021 in the country under the second wave of COVID-19 pandemic forced CPREEC to restrict the delivery of programme only through non-direct mode. In agreement with the Wipro Foundation, the launch of earthian programme in six states and the workshops/orientation for the teachers were planned and delivered through online method using the tools of ICT.

Five CPREEC network schools won the prestigious National Earthian Awards this year and six CPREEC network schools were shortlisted.

CPREEC – ENVIS Resource Partner (RP) on Conservation of Ecological Heritage and Sacred Sites of India

CPREEC’s ENVIS Resource Partner (RP) on “Conservation of Ecological Heritage and Sacred Sites of India” of the Ministry of Environment, Forests & Climate Change is involved in collecting, collating and disseminating information. The portal was regularly updated.

Green Skill Development Programmes (GSDP)

CPREEC RP organized four certificate courses, two each at Gudalur, The Nilgiris and at Port Blair, Andaman & Nicobar Islands, as part of the Green Skill Development Programmes (GSDP) of the MoEF&CC.

Go Veg Programme

With the financial support extended by Humane Society International (HSI), CPREEC implemented the project in Chennai and Nilgiris district in Tamil Nadu, Vijayawada in Andhra Pradesh, Tumakuru and Bangalore Rural districts in Karnataka and Khordha district in Odisha. Teachers training programmes and students orientation programmes were conducted. Painting competitions on Kindness to Animals were held, prizes and certificates were distributed to the winning students.

Food & Environment – Eat Healthy & Go Green

The project was implemented highlighting importance of veganism in the states of Andhra Pradesh, Karnataka, Odisha, and Tamil Nadu with financial support extended by Karuna Foundation. The

resource material *Go Veg – Eat Healthy* in English and regional languages were distributed to participants during the workshops conducted in the above states. Programmes for teachers, teacher trainees, college and school students, women and youth were conducted. Vegan cooking workshops were also organized for women in the state of Karnataka and Odisha.

Sacred Grove Conservation

Sacred Grove conservation is one of the important programmes of CPREEC since 1994. The sacred groves of Nenmeli and Kunnam in Kancheepuram district are being maintained. Casualty replacement of plants was also carried out at the above sites.

Smart Schools

With the financial support extended by M/s. Expleo Solutions Ltd., as part of their CSR activities, a Desk top Computer, LCD Projector and White Board was provided to five schools as part of the Smart School project. The items were installed at the schools and basic training was provided to the teachers. A formal handing over ceremony was organized at all the schools in the presence of senior officials from Expleo Solutions Ltd.



2

WORLD ENVIRONMENT DAY

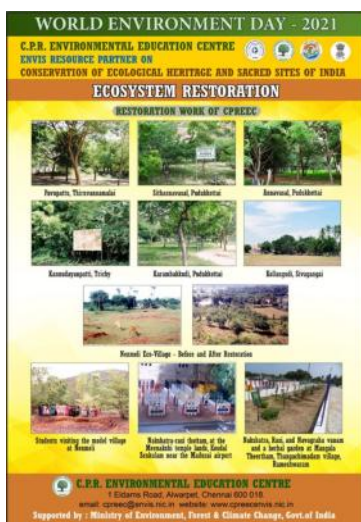
World Environment Day (WED) is celebrated every year on June 5. This year's WED's theme was 'Ecosystem Restoration'. C.P.R. Environmental Education Centre (CPREEC) has been restoring degraded sacred groves in the states of Andhra Pradesh, Karnataka and Tamil Nadu as part of the 'Awareness through Action' programme initiated in 1994. The Sacred groves that are endangered or in near extinction condition and are in need of restoration are identified and selected by CPREEC for restoration. Appropriate species suitable to the area were selected and planted with the cooperation of local villagers.

So far, CPREEC has restored 53 sacred grove sites in the states of Tamil Nadu, Andhra Pradesh and Karnataka with

a total area of 192 acres and have planted more than 2.00 lakh saplings.

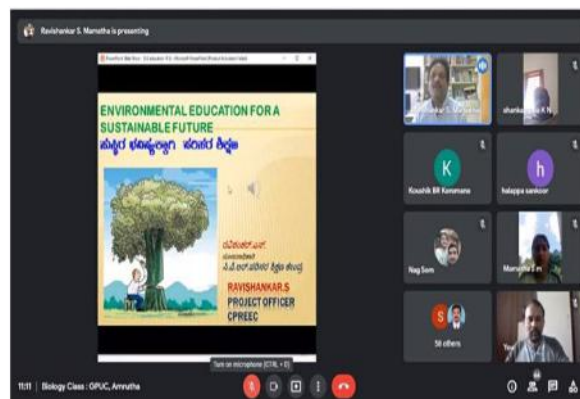
As part of observing the World Environment Day, CPREEC ENVIS –RP, Chennai designed and released a poster on **Ecosystem Restoration**.

A zoom meeting was organized on June 5th, 2021 to celebrate World Environment Day. Dr. Nanditha Krishna, Honorary Director, CPREEC delivered a lecture on '**Our Food and Climate Change**' emphasizing the necessity of Ecosystem Restoration.

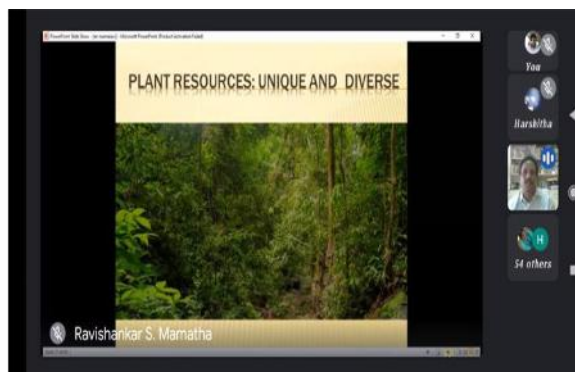




A webinar was organized at Seshadripuram College Tumakuru, Karnataka on June 5th, 2021 to celebrate the World Environment Day. Mr. S. Ravishankar, Project Officer, CPREEC, Tumakuru, Karnataka State Office, delivered a lecture on **Environmental Education for Sustainable Future and Ecosystem Restoration**.



A webinar was organized at the Department of Pre-University Education, Government P. U. College, Amrutha, Hosanagara Taluk, Shivamogga District on June 7th, 2021 to celebrate World Environment Day. Mr. S. Ravishankar, Project Officer, CPREEC, Tumakuru, Karnataka State Office delivered a lecture on **Environmental Education for Sustainable Future and Ecosystem Restoration**.



3

SUSTAINABILITY EDUCATION PROGRAMME FOR SCHOOLS

CPREEC implemented the WIPRO Earthian Sustainability Education programme for Schools funded by WIPRO Foundation, Bengaluru in the states of Tamil Nadu, Andhra Pradesh, Telangana, Karnataka, Goa and the Union Territories of Puducherry and Andaman & Nicobar Islands.

Objective of the programme

- ❖ To promote sustainable thinking
- ❖ To train teachers and students on the environmental challenges faced by the country
- ❖ To transfer and acquire environmental skills based on the Earthian knowledge building activities

CPREEC EARTHIAN....

- ❖ Schools reached through Earthian - 2154
- ❖ Total Number of workshop conducted for teachers - 18
- ❖ Total number of teachers who participated - 2084
- ❖ Schools reached through activities - 800
- ❖ Number of districts covered - 23
- ❖ Number of states/UTs covered - 7
- ❖ Number of Project Submissions Received - 524
- ❖ Number of Shortlisted Projects - 93
- ❖ Number of Regional Recognition Events - 7
- ❖ Number of National Earthian 2021-22 Awards - 5
- ❖ Number of National – Shortlist - 6

As per the programme plan proposed and agreed, eighteen (18) online virtual workshops for teachers were organized in five (5) states (Tamil Nadu, Karnataka, Goa, Andhra Pradesh and Telangana) and two (2) Union Territories (Puducherry and Andaman & Nicobar Islands). CPREEC headquarters and its state offices requested the educational institutions and the Departments of Education/State Councils of Science and Technology for the deputation of school teachers to the online events. Official permissions were obtained and as per the Standard Operating Procedure (SoP), web conferencing events were organised and conducted. The protocol and requirements of collaborating agencies were met in executing the workshop for teachers.

The participants were requested to register for the workshops scheduled through Google Form Registration links

sent along with the deputation orders, WhatsApp groups and emails. The WhatsApp groups were formed at state or district level to support the vernacular/regional language interactions. The thematic experts, academicians and the department officials were also part of the

groups in facilitating and guiding the teams. The major aim of the virtual workshops was to familiarise the three thematic areas of earthian (Biodiversity, Water and Waste) to the teachers and their project teams.

| S.No | Date | State | District/s | No. of Participants |
|--------------|-------------|-----------------------------|-------------------------------------|----------------------------|
| 1 | 19.06.2021 | Andaman & Nicobar Islands | South & North Andaman | 67 |
| 2 | 23.06.2021 | Telangana | Renga Reddy | 97 |
| 3 | 25.06.2021 | Karnataka | Tumakuru North | 330 |
| 4 | 27.06.2021 | Tamil Nadu | Thanjavur | 137 |
| 5 | 30.06.2021 | Telangana | Hyderabad | 99 |
| 6 | 06.07.2021 | Tamil Nadu | The Nilgiris | 26 |
| 7 | 09.07.2021 | Karnataka | Haveri | 319 |
| 8 | 13.07.2021 | Andhra Pradesh | Krishna | 64 |
| 9 | 20.07.2021 | Tamil Nadu | Erode | 64 |
| 10 | 23.07.2021 | Andhra Pradesh | Guntur | 137 |
| 11 | 28.07.2021 | Goa | North & South Goa | 75 |
| 12 | 30.07.2021 | Karnataka | Dakshina Kannada (Mangalore) | 323 |
| 13 | 02.08.2021 | Andaman & Nicobar Islands | South Andaman | 90 |
| 14 | 03.08.2021 | Andaman & Nicobar Islands | North and Middle Andaman | 20 |
| 15 | 04.08.2021 | Andaman & Nicobar Islands | Nicobar & Little Andaman | 28 |
| 16 | 10.08.2021 | Tamil Nadu | Thiruvarur | 79 |
| 17 | 12.08.2021 | Tamil Nadu | Chennai, Thiruvallur & Kancheepuram | 29 |
| 18 | 24.08.2021 | Puducherry | Puducherry, Mahe & Karaikal | 100 |
| Total | | 5 States & 2 UTs | 23 Districts | 2084 Teachers |



Resource Materials

Since the earthian workshops for teachers were delivered remotely through the web based conferencing, the earthian resource manuals for the teachers/ schools/ project teams were circulated predominantly as soft copies through emails, WhatsApp groups, compact discs and through the district level coordinating officials. The Wipro Foundation provided printed English versions of the manuals to CPREEC. The printed versions were also selectively given to the potential project teams through India Post, courier service.

The resource materials distributed were

1. Water and sustainability (with game card)
2. Biodiversity and sustainability (Game card and Field guide)
3. Waste and Sustainability
4. Activity sheets and
5. Hand outs.

Project Follow-Up and Team Facilitation

The orientation programmes on earthian thematic areas were followed by the project facilitation events and special thematic interactions with the teachers and students. CPREEC with its state and regional offices facilitated the earthian activities by meeting the teams through online Cisco Webex web conferencing, WhatsApp groups, emails and telephone calls. In some instances, where the SoP allowed earthian team to meet the student groups, Cluster Conferences, open houses, expert guide talks and scheduled earthian virtual conclaves were organized periodically to encourage, guide and nurture earthian project teams. The facilitation events were carried out in local, state and regional levels.

Expert Thematic support sessions for project facilitation were also organized for the benefit of the students as detailed below:

| Date | Name of the expert | Title |
|-------------|--|--|
| 13.09.2021 | Dr. C. Sivaperuman, Scientist D & Officer in Charge, Zoological Survey of India (ZSI), Andaman & Nicobar Islands | The vibrant world of birds |
| 14.09.2021 | Mr. Uma Maheswara Rao, Junior Engineer (Solid Waste Management), Port Blair Municipal Corporation, Andaman & Nicobar Islands | Solid Waste Management through People's Participation |
| 13.09.2021 | Dr. H. S. Niranjan Aradhya, Former President, Karnataka Rajya Vigyan Parishad | A Glimpse on Project Report Preparation for Earthian Activities |
| 13.09.2021 | Dr. B. Ram Manohar, Expert Member, District Wetlands Management Committee, Thanjavur | Wetlands of International Importance: Point Calimere – A Case Study for Earthian Activities |

Regional Evaluation Committees

CPREEC constituted competent evaluation committees in the five states and two union territories to evaluate the projects received from the teams of children from CPREEC network schools.

In total, CPREEC received **524 project submissions**. The evaluation committees selected **93 project submissions** and forwarded it for the national level entry to Wipro Foundation, Bengaluru. The project submissions were received as soft copies in the form of PDF files.

| S. No. | State/ Union Territory | Districts | Shortlisted projects for National Entry | Total projects received |
|---------------|---------------------------------------|---------------------------|--|--|
| 1. | Goa | South and North Goa | 13 | 22 |
| 2. | Tamil Nadu & Puducherry | Chennai, Kancheepuram, | 21 | 55 |

| | | | | |
|--------------|---------------------------------|--|-----------|------------|
| | | Thiruvallur, Thanjavur, Thiruvarur, Erode and Ooty Puducherry | 05 | 14 |
| 3. | Andhra Pradesh and Telangana | Vijayawada, Visakhapatnam, Medchal, Renga Reddy and Hyderabad | 14 | 42 |
| 4. | Andaman & Nicobar Islands | South, Middle and North Andaman | 15 | 50 |
| 5. | Karnataka | Bengaluru Rural, Tumakuru, Hassan, Gouribidanur, Haveri and Chitradurga | 25 | 341 |
| Total | | | 93 | 524 |

National Awards

Five national winner schools and six national shortlisted teams received the earthian awards in the Virtual National Earthian Awards Event held on **February 12, 2022**. All the national

winner teams and the shortlisted schools were coordinated to participate in the national virtual awards events by CPREEC earthian team. The national winners interacted with the dignitaries and speakers during the course of the event.

National Award Winning Schools

| S. No. | Name and address of the school | Name of the Guide Teacher | Name of the students | Theme |
|--------|---|---------------------------|---|-------|
| 1. | Government Higher Secondary School, Vettikkadu, Orathanadu Taluk, Thanjavur | Mrs. S. Muthamizh -chelvi | <ul style="list-style-type: none"> • K Kaviyarasi • R Boomika • S Manogari • E Subika • S Aarthi | Water |
| 2. | St Joseph's Educational Institute, | Mrs. Teresa Jose Furtado | <ul style="list-style-type: none"> • Deanne Conchita Desouza | Waste |

| | | | | |
|----|--|---|--|-------------------|
| | Near Chandor Church, Salcete Taluk, South Goa – 403714 | Mrs. Anastassia Riffa Rodrigues | <ul style="list-style-type: none"> • Ethan Affleck Antao • Mark Presley Fernandes • Anisha Prabhu D | |
| 3. | Sri Nirakar Education Society's Tudal High School, Tudal, Gaodongri, Conacona, South Goa, Goa 403702 | Mrs. Tanuja S. Lodayekar | <ul style="list-style-type: none"> • Sana Govind Gaonkar • Bindiya Bab Gaonkar • Aaishwarya Yeshwant Gaonkar • Sujal Suresh Gaonkar • Diptesh Umesh Gaonkar | Water |
| 4. | Zilla Parishad High School, Mallavolu, Guduru Mandal, Krishna District, Andhra Pradesh 521162 | Mrs. Nadendla Aruna Mr. S. Srinivas | <ul style="list-style-type: none"> • Ede Varalakshmi • Katta Yasaswini • Talari Srividya • Golla Manogna • Kosanam Lokesh | Biodiver- sity |
| 5. | Dakshina Kannada Zilla Panchayat Model School, Moodambailu, Bantwal Taluk, Dakshina Kannada, Karnataka | Mrs. Shruthi N Mr. Aravinda Kudla | <ul style="list-style-type: none"> • Akash • Karthik • Pritham • Pranam • Adhitya • Nitesh | Waste |

Shortlisted Schools

| S. No. | Name and address of the school | Name of the Guide Teacher | Name of the students | Theme |
|--------|---|--------------------------------|--|-------|
| 1. | St. Joseph's PU College, High School, Bajpe, Mangalore, Karnataka 574842 | Ms. Rosina Florence D'Souza | <ul style="list-style-type: none"> • Alisha Velani Rodrigues • Cleesha Pearl Perejra • Gynnis Asuntha Shainaldias | Waste |

| | | | | |
|----|--|--|---|---------------|
| 2. | Government Senior Secondary School, Diglipur Village, North and Middle Andaman Andaman & Nicobar Islands 744202 | Mr. Satyajit Bal Ms. Barnali Saojal | <ul style="list-style-type: none"> • Jenisha Lisa Pinto • Princita Jeeval D Souza • Rahul Das • Binith Kr Das • Nayan Howlader • Deya Biswas • Sneha Das | Waste |
| 3. | Tejasvi Vidyaranya, Chowdhuryguda, Korremula, Ghatkesar, Ranga Reddy District, Telangana | Mrs. Hemalatha L Mrs. Sravanthi Vavilikolanu | <ul style="list-style-type: none"> • Kshitanshi Priya • Anish S • Prathik Reddy • Nishith CH • Jayanth L | Bio-diversity |
| 4. | Poira High School, Poira, Assonora, Bicholim, Goa | Mrs. Sneha V Govekar Ms. Krutika S Kauthankar | <ul style="list-style-type: none"> • Shamita N Tari • Rushikesh D Salgaonkar • Khushi H Mayekar • Dipika F Mainkar • Parshuram D | Bio-diversity |
| 5. | Regina Mundi High School, Chicalim, Goa | Ms. Alisha Pereira | <ul style="list-style-type: none"> • Charlene Alisha De Souza • Julia Fatima Pereira • Risha Ashok Pednekar • Crescent Vane Mesquita • David Warren de Saldanha Osorio | Bio-diversity |
| 6. | A.M.M. Matriculation Higher Secondary School, Gandhi Mandapam Road, Kotturpuram, Chennai 600085. | Ms. Kaushal Mary | <ul style="list-style-type: none"> • J Asina • A Augustin Raj • S Devasena • J S Edwin Joyel • P Ragul | Waste |



4

CPREEC – ENVIS RESOURCE PARTNER (RP)

CPREEC's ENVIS Resource Partner (RP) on "Conservation of Ecological Heritage and Sacred Sites of India" of the Ministry of Environment, Forest & Climate Change (MoEF&CC) is involved in collecting, collating and disseminating information. The portal was regularly updated.

The thrust area of CPREEC ENVIS RP comprises of Sacred Plants, Sacred Gardens, Sacred Groves, Sacred Animals, Sacred Mountains, Sacred Rivers, Sacred Water bodies, Sacred Precincts, Sacred Seeds, Sacred Caves, Pilgrimage, Traditional Ecological Knowledge and the UNESCO World Heritage Sites in India.

Abstracts uploaded in the ENVIS website (April 2021 to March 2022)

| Subject Area | Numbers |
|-------------------------------------|----------------|
| Sacred Forests | 27 |
| Sacred Gardens | 5 |
| Sacred Plants | 26 |
| Sacred Animals | 14 |
| Sacred Rivers & Sacred Water bodies | 17 |
| Sacred Mountains | 12 |
| Sacred Sites | 16 |
| Sacred Seeds | 12 |
| Sacred Caves | 11 |
| Pilgrimage | 13 |
| Traditional Ecological Knowledge | 23 |
| UNESCO Heritage Sites | 13 |
| Total | 189 |

Updation of ENVIS Website

| Topic | Updating status |
|-------------------------------|------------------------|
| Abstracts | 189 |
| Subject areas | 199 |
| News | 977 |
| Glossary | 5 |
| Social Media/Latest News | 20 |
| Frequency of updating website | 1607 |
| Publications | 11 |
| Events | 34 |
| Photo Gallery | 123 |
| Videos | 2 |

Details of User Engagement and Interaction of CPREEC ENVIS Site

| User engagement and interaction | April 2021 to March 2022 |
|----------------------------------|--------------------------|
| Total number of visits | 1743237 |
| Number of unique visits | 99224 |
| Reports Downloaded/Read | 369 |
| Total Number of Queries received | 23 |
| Number of Queries responded | 20 |

Publications

Four issues of the ENVIS Newsletters were brought out

- ❖ April – June 2021, Vol. XX, No.1
- ❖ July – September 2021, Vol. XX, No. 2
- ❖ October – December 2021, Vol. XX, No. 3
- ❖ January – March 2022, Vol. XX, No. 4

Posters on

- ❖ Ecosystem Restoration (as part of World Environment Day)
- ❖ Avoid single use Plastic – 4 nos. (as part of Iconic Week Celebrations in English and Tamil)

- ❖ Wetlands Action for People and Nature (as part of World Wetlands Day)

Book on

- ❖ Conservation of Ecological Heritage and Sacred Sites of India – Compilation of Articles – Part I

International Tiger Day 2021

As part of observing the International Tiger Day, CPREEC ENVIS – RP, Chennai organized an online quiz contest for School/ College students and the General public.



INTERNATIONAL TIGER DAY
ONLINE QUIZ CONTEST
- 29 JULY, 2021

Click here to join the Online Quiz Contest at 11.00 a.m.

Winners will be announced and awarded on 5 August, 2021. E-certificate will be awarded to all participants.

ENVIS - RESOURCE PARTNER ON
 CONSERVATION OF ECOLOGICAL HERITAGE AND SACRED SITES OF INDIA
 Supported by: Ministry of Environment, Forest & Climate Change, Govt. of India.

5

GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)

CPREEC RP organized four courses, two each at Gudalur, The Nilgiris and at Port Blair, Andaman & Nicobar Islands, as part of the Green Skill Development Programmes (GSDP) of the MoEF&CC.

❖ **GSDP Certificate Course on Waste Management (Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction & Demolition Waste)**

CPREEC organized a GSDP Certificate Course on “Waste Management (Solid Waste, Biomedical Waste, Plastic Waste, E-waste, Construction and Demolition Waste)” from **November 17, 2021** to **February 18, 2022** at Port Blair, Andaman and Nicobar Islands. The course aimed at making the trainees understand the scientific concepts, management of waste to protect human health and the environment and also enable them to obtain gainful employment in this sector. The course broadly covered handling and safe management of different types of wastes viz. Solid Waste, Biomedical Waste, Plastic Waste, E-Waste and Construction & Demolition Waste.

Advertisements about the course were given in local newspapers calling for trainees. The trainees were selected based on an interview.

Dr. Lal Ji Singh, Joint Director, Botanical Survey of India (BSI), Regional Centre, Andaman and Nicobar Islands inaugurated the course on **November 17th 2021** and delivered the inaugural address. Mr. A. Gopal, Project Officer, CPREEC, Port Blair felicitated the programme.



**Dr. Lal Ji Singh, Joint Director,
Regional Centre, Botanical Survey of
India (BSI), Andaman & Nicobar
Islands inaugurated the course**

Free Certificate Course on Waste Management under Green Skill Development Prog. by CPREEC

Port Blair, Oct. 12 India. A Certificate C.P.R. Environmental Education Centre (CPREEC) will be organizing two months free Certificate Course on Waste Management (Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction and Demolition Waste) under the Green Skill Development Programme (GSDP), Ministry of Environment, Forest and Climate Change, Government of India introduced the idea of the Green Skill Development Programme (GSDP) for skilling youths of

will be awarded to participants on successful completion of the course. In this regard, applications have been invited from Science and Engineering Graduates of A&N Islands. The application should reach by email gopalcp@gmail.com or Whatsapp (9474224389) or contact Project Officer, CPREEC, Port Blair over mobile 9474224389 / 9933282500 or cpreec@envs.nic.in on or before 30th October, 2021, a press release received here said.

**The Daily Telegram News Paper,
Port Blair dated 17.11.2021**



**The Echo of India News Paper,
Port Blair dated 18.11.2021**



Shri. Avinash Kumar Singh, Executive Engineer (SWM), Port Blair Municipal Council (PBMC), Port Blair delivering a lecture on Solid Waste Management

Several subject experts and resource persons from the various Government Departments, reputed institutions and private organizations were invited to deliver the lectures and to further enrich the knowledge of the trainees. The details of the topics and name of the expert/resource persons are given below:

| S. No. | Topic | Resource Person |
|--------|--|--|
| 1. | Introduction to solid waste management | Shri. Avinash Kumar Singh Executive Engineer (SWM), Port Blair Municipal Council (PBMC), Port Blair |
| 2. | Elements, System and Integrated Solid Waste Management | Shri. P. Uma Maheshwar Rao Junior Engineer (SWM), Port Blair Municipal Council (PBMC), Port Blair |
| 3. | Data collection and its importance | Shri. Aviral Saxena, Technical Expert, Plastic Waste Management, Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ), Port Blair |
| 4. | Sources, types and classification of Solid Waste | Shri. P. Uma Maheshwar Rao Junior Engineer (SWM), PBMC, Port Blair |

| | | |
|-----|--|---|
| 5. | Waste management and how can Employment generation from waste management | Dr. Jiji Paul, Domain Expert (Health and Sanitation), Department of Rural & Urban Development, Port Blair |
| 6. | Health and environmental impacts of improper waste disposal and management | Dr. K. Venkatesan, Head of the Head of the Department, Home Science, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM), Port Blair |
| 7. | Concept of solid waste composting | Dr. A. Velmurugan, Principal Scientist, Central Island Agriculture Research Institute (CIARI), Port Blair |
| 8. | Composting technology | Dr. A. Velmurugan, Principal Scientist, Central Island Agriculture Research Institute (CIARI), Port Blair |
| 9. | Collection, Transfer and Transport of waste | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 10. | Weighing and separation of waste | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 11. | Definition, Characteristics, composition, source, environmental and health impacts of biomedical waste | Dr. M. Joy, Nodal Officer, Biomedical Waste, Department of Health Services, Port Blair |
| 12. | Biomedical Waste management and safety practices | Dr. M. Joy, Nodal Officer, Biomedical Waste, Department of Health Services, Port Blair |
| 13. | Separation and processing of solid waste | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 14. | Types of landfills and general landfill design | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 15. | Landfill gas movement, control, and use & Landfill leachate control and treatment | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |

| | | |
|-----|--|---|
| 16. | Waste to Energy | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 17. | Waste management planning | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 18. | Plastic waste management | Shri. P. Uma Maheshwar Rao, Junior Engineer (SWM), PBMC, Port Blair |
| 19. | Construction & Demolition waste best management practices in India | Shri. P. Ravi Assistant Engineer, Central Public Works Department, Port Blair |
| 20. | Basics and software's of GIS | Shri. Balamurugan, Town & Country Planner, Andaman Public Works Department, Port Blair |
| 21. | GIS software usage on demo | Shri. Melsingh Salvios Mels, Assistant Town Planner, Andaman Public Works Department, Port Blair |
| 22. | E-waste management | Shri. Anil Choudhary, Managing Director, Green Waves E Waste, Vishakapatnam |



Trainees surveying plastic wastes at Phoenix Bay Dockyard, Port Blair

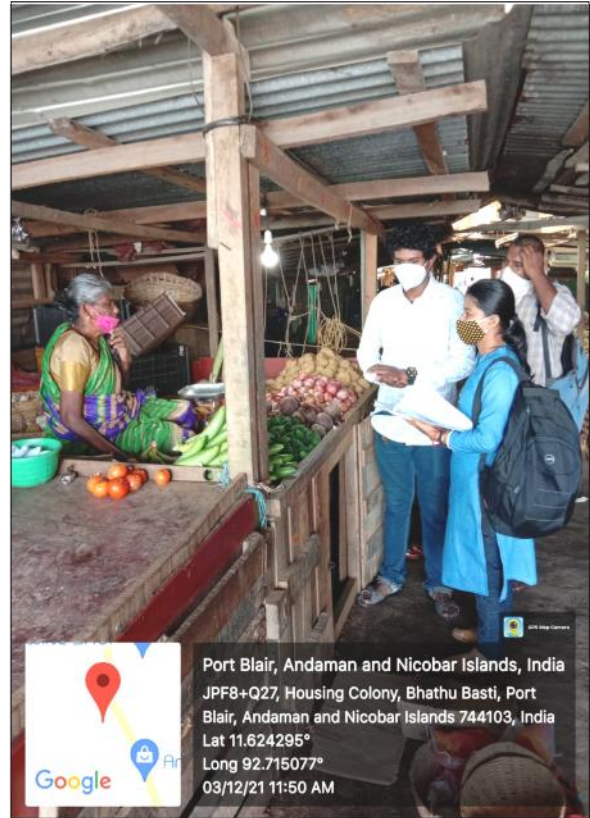


The trainees interacting with the traders as part of case study on waste generation and disposal at Port Blair market

Field Visits

The GSDP trainees visited the following places to gain hands on experience

- ❖ Waste Segregation Units at Port Blair
- ❖ Waste Recycling Unit at Port Blair
- ❖ Waste Scrapping Centre at Port Blair
- ❖ Sewage Treatment Plant at Port Blair
- ❖ Composting pit Unit at Port Blair



Port Blair, Andaman and Nicobar Islands, India
JPF8+Q27, Housing Colony, Bhatu Basti, Port Blair, Andaman and Nicobar Islands 744103, India
Lat 11.624295°
Long 92.715077°
03/12/21 11:50 AM



Trainees at a Waste Recycling unit, Dollygunj, Port Blair



Trainees at the waste segregation point at Mohanpura, Port Blair



Trainees interacting with the scrap dealer at Carbyns Cove



Expert interacting with the trainees at the Mobile Faecal Sewage Treatment Plant, Port Blair



Trainees at the Municipal Composting pit at Gandhi Park, Port Blair

Valedictory function of month long activities organized by PBMC as part of 'Swachhata se Sampannata' held
Winners of various competitions felicitated

Port Blair, Dec. 19
 As part of the nationwide celebration of 'Azadi Ka Amrit Mahotsav', the Ministry of Housing & Urban Affairs (MoH&UA), GoI, is celebrating 'Swachhata se Sampannata'. In line with this, the Port Blair Municipal Council (PBMC) also organized various events/programmes based on the theme. The month long activities culminated with valedictory function under the banner 'Swachhata Samaroh' today at 150th Gandhiji's Statue at Marina Road. Shri Kishore Kshirsagar Lakshman was the chief guest on the occasion while Shri Naresh Chander Lal, SBM (Contd. on last page)

Valedictory function of month...
 (Contd. from page 1)
 Ambassador was the guest of honour. They felicitated the winners of various competitions. Cash prize of Rs 1,00,000 was awarded to the cleanest PBMC Wards viz. Ward No. 23, 17 & 15 alongwith certificates. The Ward wise assessment was conducted by the GIZ India (Deutsche Gesellschaft für Internationale Zusammenarbeit) GmbH. The Swachhata Awareness Team of PBMC, trainees of Green Skill Development Program of MoEFCC & CPR Environmental Education Programme and Jitu Entertainment Group performed awareness skit and dance based on the theme Swachhata.
 Speaking on the occasion, the chief guest highlighted PBMC's initiatives & activities related to cleanliness & Solid Waste Management. He also appreciated the active participation of volunteer groups/organizations with PBMC. They also launched 'Swachh Technology Challenge' & 'Green Star Rating Hotel Competition' followed by an awareness documentary video prepared by Shri. S.P. Suresh & Shri Ramakrishna Biswas in association with PBMC. The best performing Safaimitra of various Wards including the SLRM Centre Operators and volunteers involved in various civil issues like waste management, cleanup drives and awareness programs were also felicitated.
 A large public gathering attended the programme including tourist. They also participated in the opinion & suggestion session and were given prizes. The Joint Secretary, PBMC proposed the vote of thanks, a press release from PBMC said.

Daily Telegram News Paper, Port Blair dated 19.12.2021

GSDP trainees participated in various events under the theme Swachhata Samaroh organised by the Port Blair Municipal Council (PBMC), Port Blair

Valedictory Function

The valedictory function was organized on March 13, 2022 at The Megapod Resort, Port Blair. Mr. Anand Vardhan Mishra, Joint Secretary, PBMC, Port Blair delivered the valedictory address and distributed the Course Completion Certificates to the trainees.

Dr. C. Sivaperuman, Deputy Director, Zoological Survey of India (ZSI), Port Blair addressed the trainees and also distributed the Course completion certificates to the trainees.



Mr. Anand Vardhan Mishra, Joint Secretary, PBMC, Port Blair delivering the valedictory address and distributing the Course Completion Certificates



Trainees with their Course Completion Certificates during the valedictory function with other dignitaries

Valedictory function on Free Certificate Course on Waste Management



PORT BLAIR, MARCH 14/--/ C.P.R. Environmental Education Centre (CPREEC), Chennai organized the valedictory ceremony for two-months Certificate Course on Waste Management (Solid Waste, Biomedical Waste, Plastic Waste, E-Waste, Construction and Demolition Waste) under the Green Skill Development Programme (GSDP), Ministry of Environment, Forest and Climate Change, Government of India in collaboration with Botanical Survey of India Andaman and Nicobar Regional Centre. This programme was held on 13.03.2022 at Megapode Resort. Mr. Anand Vardhan Mishra, Joint

Secretary, PBMC was chief guest on the occasion.

In his address, he asked the trainees to use digital tools to implement the waste management and become waste managers. Mr. Anand gave away the course completion certificate to the trainees. Shri Dr. C. Sivaperman, Officer Incharge, Zoological Survey of India, Port Blair was the guest of honour. He expressed the importance of green skill to achieve sustainable development goals.

Earlier, Shri. Debkumar Bhadra, Technical officer, IIG, Shoal Bay, welcomed the dignitaries and trainees.

Shri. A. Gopal, Project Officer, CPREEC, Port Blair briefed the course.

The course would broadly cover handling and safe management of different types of wastes viz. Solid Waste, Biomedical Waste, Plastic Waste, E-Waste and Construction & Demolition Waste. The main idea of the Green Skill Development Programme (GSDP) is skilling youths. During the program, Mr. Uma Maheshwar Rao, Junior Engineer, PBMC shared his experience as a part resource person during the Course and Trainees also shared their experience. Mr. A. Gopal, Project Officer, CPREEC, Port Blair proposed the vote of thanks.

The Echo of India News Paper, Port Blair dated 15.03.2022

❖ GSDP - Certificate Course on Value addition and Marketing of NTFPs (Plant Origin): Bamboo Crafts

The GSDP Certificate Course on "Value Addition and Marketing of NTFPs (Plant Origin): Bamboo handicrafts" was organised at Gudalur, The Nilgiris, Tamil Nadu. Thirty trainees were selected from the Below Poverty Line (BPL) to attend the course. The Course was conducted at Gudalur, The Nilgiris from **22nd November, 2021 to 12th February, 2022.**

Resource Persons

The key resource persons for the course were

- ❖ Mr. M. Kumaravelu, Project Officer, CPREEC, Ooty
- ❖ Ms. Sujatha, Recognized Resource person of the Kerala State Board of Handicrafts, Nilambur
- ❖ Mr. Natraj, Trainer, Kotagiri.



**Mr. Kommu Omkaram, IFS, DFO,
The Nilgiris inaugurating the
Certificate course**

Green skills programme for youth

B. RAVICHANDRAN I DC
OOTY, NOV 24

A green skills development programme (GSDP) has been initiated for the youth in Nilgiris to enable them earn a livelihood and revenue by wise use of natural resources. The CPR Environmental Education Centre (CPREEC) here is organising a two-month free certificate course on bamboo handicraft at Gudalur for the youth. The course is being organized under the aegis of GSDP, supported by the Union ministry of environment, forests and climate change.

The programme was inaugurated by Kommu Omkaram, district forest officer. He said this programme is

useful for the poor people. Appealing to the youth to get trained well in green skills to chalk out a livelihood, he asked the authorities concerned to make more opportunities for marketing the finished products helping the poor youth.

M. Kumaravelu, field officer of CPREEC, explained the importance of GSDP which was initiated by the CPREEC under environmental informatics system.

F. Robert, Gudalur area coordinator of National Green Corps, appealed to the trainees to make optimum use of training classes and modules to hone their green handicraft-making skills which is a gift for youth in the nature-rich Gudalur area.

Deccan Chronicle dated 24.11.2021

'கை தொழில் கற்பதால் வாழ்வு மேம்படும்'

சூடலூர், நவ. 26-

சூடலூர் தோட்ட தொழிலாளர் தொழில் பயிற்சி மையத்தில், சி.பி.ஆர்., சுற்றுச்சூழல் கல்வி மையம் சார்பில், மூங்கிலில் கலை பொருட்கள் தயாரிப்பது குறித்து, இரண்டு மாத பயிற்சி முகாம் துவங்கியது. மையத்தின் முதல்வர் ஷாஜி வரவேற்றார்.

சூடலூர் வன அலுவலர் கொம்மு ஓம்காரம் துவக்கி வைத்து பேசுகையில், "இளைஞர்கள் கை தொழிலை கற்று கொள்வதன் வாயிலாக வேலைவாய்ப்பு மற்றும் பொருளாதாரத்தில் தங்களை உயர்த்தி கொள்ள முடியும்.

மத்திய அரசு இளைஞர்களின் திறனை மேம்படுத்தும் வகையில், அதற்கான பயிற்சி அளித்து வருகிறது. பயிற்சி பெற்றவர்கள் மூங்கில்களில் உற்பத்தி செய்யும், கலை பொருட்களை விற்பனை செய்து வருவாய் ஈட்டி வனத்துறை சார்பில் உதவிகள் செய்யப்படும்," என்றார்.

கல்வி மையத்தின் கள அலுவலர் குமாரவேல், சூடலூர் சுற்றுச்சூழல் பாதுகாப்பு மைய செயலாளர் சிவசுப்ரமணியம், தேசிய பசுமைப்படை ஒருங்கிணைப்பாளர் ராபர்ட் ஆகியோர் பேசினர்.

Daily Thanthi dated 26.11.2021

The course was inaugurated on **November 22, 2021** at Plantation Workers Industrial Training Institute (PWITI) Hall, Gudalur. Mr. M. Kumaravelu, Project Officer,

CPREEC, Ooty gave a brief introduction about the importance of Green Skill Development Programme (GSDP) of the Ministry. Mr. Kommu Omkaram, IFS, District Forest Officer (DFO), Gudalur inaugurated the programme. During his inaugural address he urged the trainees to make use of this opportunity to enhance their skill in Bamboo Craft to generate additional income to their family. He assured to render all possible help from his side. Mr. F. Robert, Gudalur area coordinator of National Green Corps (NGC), appealed to the trainees to make optimum use of the training classes and modules to hone their green handicraft making skill which is a gift for youth in the nature-rich Gudalur area.

The trainees were trained to make value added products from Bamboo such as utensils, decorative items, etc. CPREEC

selected around 15 items such as lamp shades, hanging bell, baskets, flower vase, agarbathi stand, hair clips, tray, bamboo flower, tea cups, water bottle cover, etc. The trainers learnt it with great interest as it would provide them an additional income. A few machineries were used to make artefacts from Bamboo. This course started with an introduction about the craft, handling machineries, bringing shapes for utensils, artefacts and finally to the finished products.

The Resource persons interacted with participants on the importance of bamboo. The trainees were sensitized on the sustainability of the resources and promotion of good quality local bamboo products for an income generation. They were also trained to use the several hand tools safely in making the products.



Session on importance of bamboo by Resource person



Trainees visiting Bamboo Nursery and resource person interacting with the trainees

Valedictory function

The valedictory function was held on **February 12, 2022**. Dr. P. Sudhakar, Director and ENVIS Coordinator attended the valedictory function and distributed the course completion certificates to the GSDP trainees. The artefacts made by the trainees were displayed. Press covered the valedictory function. The trainees also shared their feedback about the course.

Field visit

The GSDP Trainees were taken on a field visit to Uravu Indigenous Science and Technology Study Centre, Thrikkaipetta, Wayanad District, Kerala.



Dr. P. Sudhakar, Director and ENVIS Coordinator, CPREEC, Chennai distributing the Course completion certificates



Display of artefacts and trainees with their GSDP Course completion certificates at the valedictory function

மூங்கில்களில் கலை பொருட்கள் பயிற்சி முடித்தவர்களுக்கு சான்றிதழ்

கூடலூரில், இளைஞர்களுக்கு மூங்கில்களில் கலை பொருட்கள் செய்வது குறித்து பயிற்சி முடித்தவர்களுக்கு மத்திய அரசு சான்றிதழ் வழங்கப்பட்டது.

கூடலூர், பிப். 14 - கூடலூரில், மூங்கில்களில் கலை பொருட்கள் செய்வது குறித்து பயிற்சி முடித்தவர்களுக்கு மத்திய அரசு சான்றிதழ் வழங்கப்பட்டது.

கூடலூர் தேசிய தொழில்நுட்ப நெய்தல் கல்வி மையம் மற்றும் மத்திய, சுற்றுச்சூழல் வளம் பரவலினை மாற்றும் அமைச்சுத்தின் சார்பில், 30 இளைஞர்களுக்கு, மூங்கில்களில் கலை பொருட்கள் தயாரிப்பது குறித்து, இரண்டு மாத பயிற்சி மூலம், தவ., 22ல் துவங்கி தற்போது நிறைவு பெற்றது.

பொருட்களில் களைகாட்சி நடந்தது. அதில், சி.பி. ஆர்., சா அனுமலம் குமாருவேல் வரவேற்றார். இயக்குனர் சுதாசுக் தலைமையே வகித்து பேசுகையில், "பயிற்சி முடித்தவர்களுக்கு, மத்திய அரசு வழங்கும் சான்றிதழை பயன்படுத்தி, வங்கி மூலம் கடன் பெற்று சுய தொழில் துவங்க முடியும்." என்றார். தொடர்ந்து, பயிற்சி முடித்தவர்களுக்கு சான்றிதழ் வழங்கப்பட்டது.

நிகழ்ச்சியில், தொழில் பயிற்சி மையத்தின் முதல்வர் லாஜி, மாவட்ட தேசிய பகமைப்படை இயக்குநரான பொன்னு சார்பிட, 'செப்கோ' வங்கி பேரவை பிழிந்திகள் கிருஷ்ணசுமார், ஐராசாரசு சரசம், சி.பி.மணி, பயிற்றுவிக்கர் சுஜாதா, ரமணி பங்கேற்றனர்.

மாணவர்களுக்கான பகமைத் திறன் மேம்பாட்டுப் பயிற்சி நிறைவு

பகமைத் திறன் மேம்பாட்டுப் பயிற்சியில், மாணவர்கள் தயாரித்த மூங்கில்கள் செய்ப்பாட்ட கலை பொருட்கள்.

கூடலூர், பிப். 12 - கூடலூர் மாவட்டத்தைக் களமாக பகமைத் திறன் மேம்பாட்டுப் பயிற்சி முகாம் அகிழ்வுற நிறைவுபெற்றது. தலைவர் மாவட்டம், கூடலூர் பகுதியில் உள்ள மாணவர்களுக்கு கூடலூர் இரண்டாம் மாநிலமாக மூங்கிலை மூலம் பொருட்கள் கொண்டு கலைகள் பொருட்கள் தயாரித்து பயிற்சி தளப்பெற்றது. இதில், பல்வேறு கலைப்பொருட்கள் தயாரிப்பது தொடர்பாக பயிற்சி அளிக்கப்பட்டது. மாணவர்கள் தயாரித்த பொருட்கள் காட்சிப்படுத்தப்பட்டன.

இவற்றின் நிகழ்ச்சியில் சி.பி.ஆர்., சுஜாதா முதல் கல்வி மைய இயக்குநர் சுதாசுக் கலந்துகொண்டு கலை பொருட்களின் முக்கியத்துவம் குறித்து விளக்களித்து சான்றிதழ் வழங்கினார்.

சா அனுமலம் குமாருவேல் மோட்டை தொழில்நுட்ப தொழில்நுட்ப முதல்வர் லாஜி எங்குமே தொழில்நுட்ப மாவட்ட இயக்குநர் கிருஷ்ணசுமார், பயிற்சியாளர் சுஜாதா ரமணி உள்ளிட்டோர் பங்கேற்றனர்.

மூங்கில்களில் கலைநயயிக்க பொருட்கள் உருவாக்கி பயன் பெறலாம்

சுற்றுச்சூழல் கல்வி மையம் துவங்கும்! தக்கவர்களுக்கு உதவியாக பொருட்கள் உருவாக்கி பயன் பெறலாம்.

கூடலூர், பிப். 14 - கூடலூர் மாவட்டத்தைக் களமாக பகமைத் திறன் மேம்பாட்டுப் பயிற்சி முகாம் அகிழ்வுற நிறைவுபெற்றது. தலைவர் மாவட்டம், கூடலூர் பகுதியில் உள்ள மாணவர்களுக்கு கூடலூர் இரண்டாம் மாநிலமாக மூங்கிலை மூலம் பொருட்கள் கொண்டு கலைகள் பொருட்கள் தயாரித்து பயிற்சி தளப்பெற்றது. இதில், பல்வேறு கலைப்பொருட்கள் தயாரிப்பது தொடர்பாக பயிற்சி அளிக்கப்பட்டது. மாணவர்கள் தயாரித்த பொருட்கள் காட்சிப்படுத்தப்பட்டன.

இவற்றின் நிகழ்ச்சியில் சி.பி.ஆர்., சுஜாதா முதல் கல்வி மைய இயக்குநர் சுதாசுக் கலந்துகொண்டு கலை பொருட்களின் முக்கியத்துவம் குறித்து விளக்களித்து சான்றிதழ் வழங்கினார்.

சா அனுமலம் குமாருவேல் மோட்டை தொழில்நுட்ப தொழில்நுட்ப முதல்வர் லாஜி எங்குமே தொழில்நுட்ப மாவட்ட இயக்குநர் கிருஷ்ணசுமார், பயிற்சியாளர் சுஜாதா ரமணி உள்ளிட்டோர் பங்கேற்றனர்.

Press clippings of Valedictory Function appeared in Dinamalar dated 13.2.2022, Dinamani dated 13.2.2022 and Dinathanthi dated 14.2.2022 (Daily Newspapers)

❖ **GSDP - Certificate Course on Value Addition and Marketing of NTFPs (Plant origin): Coconut shell Handicrafts**

The Certificate Course on “Value Addition and Marketing of NTFPs (Plant Origin): Coconut Shell Handicrafts” was organized at Port Blair, Andaman & Nicobar Islands from **22nd February, 2022 to 30th March, 2022**. The Coconut shell is one of the most important non-wood forest products and possesses immense potential for socio-economic development as well as the livelihood support for the people. The Coconut shell craft making is a unique skill area where there is tremendous potential for market demand in Andaman.

The inaugural function was held on **February 22, 2022** at Tamizhar Sangam Hall, Port Blair, South Andaman. Shri. Banu Pradaap Yadav, IFS, (Retd.), Former Divisional Forest Officer, Department of Environment and Forest, Andaman and Nicobar Administration inaugurated the course. Shri. Kalidas,



Shri. Banu Pradaap Yadav, IFS, (Retd.) Former Divisional Forest Officer, Department of Environment & Forest, Andaman & Nicobar Administration inaugurated the course and addressed the trainees.

Secretary, Tamizhar Sangam, Port Blair felicitated the programme. Shri. A. Gopal, Project Officer, CPREEC, Port Blair gave a brief introduction to the Green Skill Development Programme.



Press clipping of the Inauguration Programme in The Daily Telegraph News Paper, Port Blair dated 25.02.2022

The Coconut shell, which was primarily considered as a waste, can be used as a raw product and the by-product for creating handicrafts for decorative and utility purposes. During this course, CPREEC provided coconut shell, grinding wheels, polishing tools, cutters, drillers, etc. The participants were divided into groups of six (6) and each group was guided by a resource person beginning with an introduction about the craft, handling machineries, bringing shapes for utensils, artefacts and finally to the finished products. The trainees made soap case, bowls, bathi stand, Nicobari hut (unique to the Islands), one sail boat, coffee cups, flower vase and basket, pen stands, mobile stands, ear rings, hair clips, fridge magnets, ladles, jugs, diyas, lockets, tortoise, key chains, etc.



Trainees making value added products using coconut shells

Mrs. Elizabeth, Assistant General Manager, Andaman State Cooperative Bank was invited to interact with the trainees with regard to bank loans. Mrs. Pushpa Rani, Senior Manager, Andaman State Cooperative Bank also interacted with the trainees regarding the help provided to self help groups and entrepreneur development. It was very useful to the trainees.

Field visit

The GSDP Trainees were taken on an exposure visit to

- Copra unit for coconut shell collection at Burmanallah
- Khadi Gram Udyog, Middle Point, Andaman & Nicobar Islands for marketing the products in government sector.



**Mrs. Elizabeth,
Assistant General Manager,
Andaman State Cooperative Bank
interacting with the trainees**



Valedictory Programme

The valedictory function was organised on **March 30, 2022**. Mr. Murthy, President, Andaman Tamizhar Sangam felicitated the function. Mrs. Kavitha Udayakumar, Chairman, Port Blair Municipal Council (PBMC) was the Chief Guest. Mr. Murthy handed over the Udayam Aadhar Registration to the trainees. The trainees shared their feedback about the course. Mrs. Kavitha Udayakumar, Chairman, Port Blair Municipal Council (PBMC) distributed the certificates to the trainees and viewed the display of finished products made by the trainees. She appreciated the work of the trainees.



Mrs. Kavitha Udayakumar, Chairman, PBMC, at the valedictory function and viewed the products made by the trainees



Coconut shell handicrafts made by the trainees on display



Trainees with their GSDP Course completion certificates at the valedictory function

Course on value addition & marketing of coconut shell handicrafts concludes with certificate distribution

Port Blair, Mar. 30
C.P.R. Environmental Education Centre (CPREEC) organized a Certificate Course on Value Addition & Marketing of Non-timber Forest Products (NTFPs) - Coconut Shell Handicrafts under the Green Skill Development Programme (GSDP), Ministry of Environment, Forest and Climate Change, Government of India from Feb. 22 which culminated today. During the training, trainees were trained in making bowl, agarpathi stand, boat, Nicobani Hut, flower vase, cup, jug, pen stand, key chain, ear rings, hair clip, fridge magnet, tortoise, soap case etc. Smt. Kavitha Udhaya Kumar, Chairperson, PBMC who was the chief guest on the occasion gave away the course completion certificates to the trainees. The trainees displayed the crafted items on the occasion and they also shared their experience, a press release from CPREEC said.

Valedictory program for Certificate Course on Value Addition & Marketing of Non-timber forest products



PORT BLAIR, MARCH 30/--/ CPR Environmental Education Centre (CPREC) organized a Certificate Course on Value Addition & Marketing of Non-timber Forest Products (NTFPs)- coconut shell Handicrafts under the Green Skill Development Programme (GSDP), Ministry of Environment, Forest and Climate Change, Government of India from 22.02.2022 to 30.03.2022 at Andaman Tamizharsangam. The Valedictory ceremony was held on 30.03.2022 at Andaman Tamizharsangam.

The idea of the Green Skill Development Programme (GSDP) for skilling youths of India. The trainees' trained items are bowl, agarpathi stand, boat, Nicobar Hut, flower vase, cup, Jug, pen stand key chain, ear rings, hair cliff, fridge magnet, tortoise, soap case etc.

Mrs. Kavitha Udhayakumar, Chairman, PPMC, Port Blair was the chief Guest. Mrs. Kavitha conferred the course completion certificate. Her address, she pointed out the importance of craft to livelihood. Shri. L. Murthy, President, Andaman Tamizharsangam was the guest of honour. In his felicitation address, he motivated the trainees to develop their livelihood through coconut shell craft and to gain the opportunity along the way to develop their entrepreneurship.

The trainees displayed the crafted item as an exhibit for guests and visitors. During the program trainees shared their experience. Shri. A. Gopal, Project officer, CPREC explained the details of the course and proposed vote of thanks.

Press Clippings pertaining to valedictory function – The Daily Telegram and The Echo of India, Port Blair, dated 30.03.2022

❖ GSDP - Certificate Course on Forest Fire Management

The GSDP Certificate Course on “Forest Fire Management” was organized at Gudalur, The Nilgiris from **28th February, 2022 to 29th March, 2022**. 24 trainees from the Below Poverty Line (BPL) were selected to undertake the course. The course aimed at making the trainees to get an advanced knowledge on the various aspects concerning fire safety, risk and disaster management in times of emergency. The course enriched the trainees with a thorough knowledge and the understanding of all aspects of a disaster and its management. It inculcated topics such as types of disasters, its control and mitigation,

Forest Disaster Management Laws and Acts, effects of forest disaster on nature; climate change and living creatures, etc. After completing the certificate course the trainees obtained basic knowledge and skill on forest fire prevention, familiar with efforts in forest fire prevention and to implement them in their areas.



Mr. J. Saravana Kannan, District Revenue Officer, Gudalur, the Nilgiris inaugurated the course and addressed the trainees



Dinathanthi dated 03.03.2022

Resource Persons

- ❖ Mr. M. Kumaravelu, Project Officer, CPREEC, Ooty
- ❖ Mr. Manu Krishnamurthy, Mysore Amateur Naturalists, Mysore
- ❖ Ms. S. K. Gomathy, Curator, Gene Pool, Nadugani, The Nilgiris
- ❖ Mr. Mohanraj, Honorary Wildlife Warden, Mudumalai Tiger Reserve, The Nilgiris
- ❖ Mr. Premanandan, Fire Station Officer, Tamil Nadu Fire and Rescue Services, The Nilgiris
- ❖ Mr. A. A. Vijay, Range Officer, Mudumalai Tiger Reserve, The Nilgiris
- ❖ Mr. R. Mariappan, Forest Range Officer, Masinagudi, The Nilgiris.
- ❖ Shri. T.R.A. Arunthavaselvan, Wildlife Photographer, Coimbatore
- ❖ Mr K.J. Raju, Watch Dog Committee, Longwood Shola, Kotagiri
- ❖ Mr. K. Ramdhas, Environmentalist, Kotagiri



Mr. Manu Krishnamurthy, Mysore Amateur Naturalists, Mysore delivering a lecture on Forest Fire



Mr. Mohanraj, Honorary Wildlife Warden, MTR handling a session on Remote Sensing and GIS





Demonstration by Mr. Premanandan, Fire Station Officer, Tamil Nadu Fire and Rescue Services, The Nilgiris on various fire fighting techniques to combat forest fire and fire safety measures

இளைஞர்களுக்கு வனத்தீ மேலாண்மை பயிற்சி

ஊட்டி, மார்ச் 16-
ஊட்டி தீயணைப்பு நிலையத்தில், இளைஞர்களுக்கு வனத்தீ மேலாண்மை பயிற்சி அளிக்கப்பட்டது. தீவகிரி மாவட்டத்தில், தற்போது கடுமையான வறட்சி நிலவுகிறது. இதனால், காடுகளில் இலை எழுதுகள், செடி கொடிகள் மற்றும் புற்கள் காய்ந்து எளிதில் தீப்பிடிக்கும் நிலை உள்ளது. மேலும், வன விவங்கு களுக்கும் பாதிப்பு ஏற்படும் அபாயமும் உள்ளது. இதை தடுக்கும் பொருட்டு, வனத்துறை சார்பில், நீத்தடுப்பு கோடுகள் அமைப்பதுடன், பல்வேறு நடவடிக்கைகள் எடுக்கப்பட்டு வருகிறது. சி.பி. ஆர்., கற்றுச்சூழல் கல்வி

ஊட்டி தீயணைப்பு நிலையத்தில், நவீன உபகரணங்களுடன் இளைஞர்களுக்கு வனத்தீ மேலாண்மை பயிற்சி அளிக்கப்பட்டது.

மத்திய அரசின் வனத்தீ கற்றுச்சூழல் வளம் மற்றும் பருவநிலை மற்றும் அமைச்சும. சார்பில், இளைஞர்களுக்கு, ஒன்றரை மாத ஊட்டியில் நடத்த பயிற்சி

மீல், கட்டளை, பக்கலார், நாடுகணி மற்றும் தீவழல் ஆகிய பகுதிகளில் இருந்து, தீவிடுவெய்யப்பட்ட, 24 இளைஞர்கள் பங்கேற்றனர். இதில், நம் நாடு உட்பட பிற நாடுகளில் உள்ள காடுகளின் தன்மை, காட்டுத்தீயை கற்று விடும் நிலையில் எவ்வாறு முழுமையாக அணைப்பது குறித்து இளைஞர்களுக்கு விளக்கப்பட்டது. தீவழல் வன விரிவாக்க மைய தாவரவியலாளர் கோபி, சி.பி.ஆர்., கற்றுச்சூழல் கல்வி மையம் அலுவலர் குமரவேலு, கவுரவ வணிக பாலகாவலர் மோகன் குமார் மற்றும் தீயணைப்பு நிலைய அலுவலர் பிரேமாந்தன் ஆகியோர் பயிற்சி அளித்தனர்.

Dinamalar dated 16.3.2022

ஊட்டியில் காட்டுத்தீயை அணைப்பது குறித்து இளைஞர்களுக்கு பயிற்சி

ஊட்டி, மார்ச் 16-
ஊட்டி தீயணைப்பு நிலையத்தில், இளைஞர்களுக்கு வனத்தீ மேலாண்மை பயிற்சி அளிக்கப்பட்டது.

இளைஞர்களுக்கு பயிற்சி

மத்திய அரசின் கற்றுச்சூழல், வளம் மற்றும் பருவநிலை மாற்ற அமைச்சும. சார்பில், இளைஞர்களுக்கு, ஒன்றரை மாத ஊட்டியில் நடத்த பயிற்சி

மீல், கட்டளை, பக்கலார், நாடுகணி மற்றும் தீவழல் ஆகிய பகுதிகளில் இருந்து, தீவிடுவெய்யப்பட்ட, 24 இளைஞர்கள் பங்கேற்றனர். இதில், நம் நாடு உட்பட பிற நாடுகளில் உள்ள காடுகளின் தன்மை, காட்டுத்தீயை கற்று விடும் நிலையில் எவ்வாறு முழுமையாக அணைப்பது குறித்து இளைஞர்களுக்கு விளக்கப்பட்டது. தீவழல் வன விரிவாக்க மைய தாவரவியலாளர் கோபி, சி.பி.ஆர்., கற்றுச்சூழல் கல்வி மையம் அலுவலர் குமரவேலு, கவுரவ வணிக பாலகாவலர் மோகன் குமார் மற்றும் தீயணைப்பு நிலைய அலுவலர் பிரேமாந்தன் ஆகியோர் பயிற்சி அளித்தனர்.

Dina Thanthi dated 16.03.2022



**Demonstration by Mr. A.A. Vijay, Range Officer, Mudumalai Tiger Reserve,
The Nilgiris on Forest Fire, Rescue and Management**



**Mr. R. Mariappan, Forest Range
Officer, Masinagudi Range interacting
with the Trainees**



**Mr. T.R.A. Arunthavaselman,
Wildlife Photographer interacting
with the trainees**

Field visit

The GSDP Trainees were taken on an exposure visit to Nadugani Gene Pool Garden, Tamil Nadu Forest Department, Gudalur, The Nilgiris and Longwood Shola, Kotagiri.



Trainees learning about nursery techniques at Nadugani Gene Pool Garden, Gudalur, The Nilgiris.



Ms. S.K. Gomathy, Curator, Nadugani Gene Pool Garden, The Nilgiris interacting with the trainees about Plant Diversity

Valedictory Programme



A Trainee giving his feedback



GSDP Trainees with their certificates during the valedictory function



6

GO VEG PROGRAMME

With the financial support extended by Humane Society International (HSI), CPREEC implemented the Go Veg Programme in the cities of Chennai and Ooty in Tamil Nadu, Vijayawada in Andhra Pradesh, Tumakuru and Bangalore Rural Districts in Karnataka and Khordha in Odisha.

The resource material on Go Veg. was designed, translated, printed and distributed to the teachers and students in Tamil, Telugu, Kannada, Odiya and English.

Teachers training programmes and students orientation programmes were conducted in collaboration with the concerned State Education Department. Four workshops covering 285 teachers were organized. Eminent resource persons explained in detail the harmful effects of consuming non vegetarian food and the natural resources depleted in producing them. They also shared the various cruelties faced by the broiler chickens, transportation of chickens and slaughtering is very cruel. The teachers were requested to convey the goodness of vegetarian food among their children for a healthy living.

| State / District | Venue | No. of programme | No. of participants |
|--|--|-------------------------|----------------------------|
| Tamil Nadu – Nilgiris | NCMS Meeting Hall, Kotagiri | 1 | 47 |
| Odisha – Khordha | Jignipur, Nichintakoili, Cuttack | 1 | 70 |
| Andhra Pradesh – Vijayawada | Koneru Basavaiah Chowdary Memorial Zilla Parishad High School, Patamata Vijayawada | 1 | 42 |
| Andhra Pradesh – Machilipatnam | Nirmala High School, Machilipatnam | 1 | 126 |
| Total | | 4 | 285 |



**Workshop for teachers at Kotagiri, The Nilgiris, Tamil Nadu
and at Patamata, Vijayawada, Andhra Pradesh**

Orientation programme for Students

Orientation programme for the school students from wherein teachers attended the teachers workshop were organized. A PowerPoint presentation on the importance of vegetarian diet, cruelty to animals was explained in detail. All the students were provided with pencils, sharpeners, erasers, crayons, chart papers and CPREEC's Go Veg pamphlet.

The students expressed their views on kindness to animals in drawings. The best three entries were selected and

prizes were given to the winning students in all the cities.



**Orientation programme for students
of KSR Zilla Parishad High School,
Patamata, Vijayawada, Andhra Pradesh**

| State | Andhra Pradesh | Karnataka | Odisha | Tamil Nadu | | Total |
|--------------------------------|-----------------------|------------------|---------------|-------------------|----------------|--------------|
| | | | | Ooty | Chennai | |
| No. of schools covered | 23 | 40 | 31 | 21 | 10 | 125 |
| No. of students covered | 5137 | 5133 | 5000 | 5109 | 2018 | 22264 |



Painting competition for students of Sri Aurobindo Purnag Sikishya Kendra, Salepur, Cuttack, Odisha



Orientation programme for students of Gyanapeeta High School, Vidyanagar, Chikkanayakanahlli Taluk, Tumakuru District, Karnataka



Orientation programme for students of GRG Memorial School, Vazhaithottam, The Nilgiris, Tamil Nadu



Painting competition for students of Murthuzavia Oriental High School and Lady Sivaswami Ayyar Girls' Higher Secondary School, Chennai, Tamil Nadu

7

FOOD & ENVIRONMENT – EAT HEALTHY & GO GREEN

The project was implemented in the states of Andhra Pradesh, Karnataka, Odisha and Tamil Nadu with the financial support extended by Karuna Foundation. The resource material *Go Veg – Eat Healthy* in English and regional languages were distributed to the participants during the workshops conducted in the above states.

CPREEC's state and field offices at Ooty in the Nilgiris in Tamil Nadu, Tumakuru in Karnataka, Vijayawada in Andhra Pradesh and Bhubaneswar in Odisha organised the programmes.

Programmes were conducted mainly for the teachers, teacher trainees, college and school students, women and youth on eating healthy food, veganism, ill-effects of non-vegetarian food to human and the environment, animal

cruelties, etc. Vegan cooking workshops were also organised for the women to promote vegan diet.

The staff of CPREEC in all the above cities gave a brief introduction to the workshop. The invited resource persons highlighted the importance of vegan diet and the numerous health benefits. They attributed that the change in lifestyle and food habits is the root cause for several health issues among the younger generation. They requested the participants to consume plant based diet and to avoid dairy and non-vegetarian food. They also requested the participants to grow greens and green vegetables in their backyard if they have space. All the participants of the workshops were provided with herbal tea and vegan food.

| S. No. | Date | Venue | Target | No. of prog. | Participant |
|--------|------------|---|-------------|--------------|-------------|
| 1. | 25.09.2021 | Fatima Girls' Higher Secondary School, Gudalur, The Nilgiris Tamil Nadu | Teachers | 1 | 51 |
| 2. | 22.10.2021 | Karimarahatty, Coonoor, The Nilgiris Tamil Nadu | Women group | 1 | 60 |

| | | | | | |
|-----|------------|--|--|---|----|
| 3. | 26.10.2021 | Plantation Workers ITI, ITI Campus, Gudalur, The Nilgiris Tamil Nadu | Youth group | 1 | 61 |
| 4. | 27.10.2021 | Plantation Workers ITI, ITI Campus, Gudalur, The Nilgiris, Tamil Nadu | Youth group | 1 | 63 |
| 5. | 28.11.2021 | Madhupur, Sarapada, Nichintakoili, Salepur, Cuttack Odisha | Women | 1 | 70 |
| 6. | 12.12.2021 | Jajati Keswari Club, Tangi-Chowdar, Cuttack, Odisha | Women | 1 | 70 |
| 7. | 14.12.2021 | Kamaguru College, Tangi, Khordha, Odisha | College Teachers and Students | 1 | 76 |
| 8. | 15.12.2021 | Elementary Teachers Education Institute (ETEI), Sakhigopal, Tangi, Khordha, Odisha | Teachers (C.T training teachers) | 1 | 63 |
| 9. | 19.12.2021 | Barada, Salepur, Cuttack Odisha | Women | 1 | 78 |
| 10. | 25.12.2021 | Jhadeswarpur, Nichintakoili, Salepur, Cuttack Odisha | Teachers | 1 | 78 |
| 11. | 23.02.2022 | Sri Holiday Inn Auditorium, Gudalur, The Nilgiris, Tamil Nadu | Teachers | 1 | 42 |
| 12. | 25.02.2022 | Mini Hall, Andhra Loyola College, Vijayawada Andhra Pradesh | NSS Students | 1 | 77 |
| 13. | 26.02.2022 | Mini Hall Siddhartha Arts & Science College, Siddhartha Nagar, Moghulrajapuram, | NSS Students | 1 | 53 |

| | | | | | |
|-----|------------|--|--------------------------|---|----|
| 14. | 27.02.2022 | Vijayawada – 10 Andhra Pradesh Mini Open Hall, Water Tank Campus,16 th Division – VMC, Krishnalanka, Vijayawada – 13 | Self Help Group Women | 1 | 40 |
| 15. | 03.03.2022 | Andhra Pradesh Sidhartha High School, Siragate, Madhugiri, Tumakuru 572132 Karnataka | Teachers | 1 | 75 |
| 16. | 04.03.2022 | Government Girls’ Junior College, Sira, Tumakuru 572137 Karnataka | Teachers | 1 | 66 |
| 17. | 05.03.2022 | Block Education Office,Koratagere, Tumakuru 572129 Karnataka | Teachers | 1 | 59 |
| 18. | 07.03.2022 | Government Junior College,Pavagada, Tumakuru 561202 Karnataka | Teachers | 1 | 61 |
| 19. | 22.3.2022 | Z.P. High School, Mallavolu, Gudur Mandal, Krishna District 521 162 Andhra Pradesh | Teachers | 1 | 32 |
| 20. | 23.03.2022 | Aravinda High School, Amaravathi Road, Managalagiri, Guntur District Andhra Pradesh | Teachers | 1 | 26 |
| 21. | 24.03.2022 | Block Development Office, BDO-MPDO Office, Bantumilli Village & Mandal, Krishna District, Andhra Pradesh | Teachers | 1 | 46 |
| 22. | 28.03.2022 | Sri Siddhartha College of Education, Dr H.M.G. Road, | Teacher Trainees | 1 | 55 |

| | | | | | |
|--------------|------------|--|---------------------|---|-------------|
| 23. | 31.03.2022 | Saraswthipura Tumakuru 572105 Karnataka Sri Siddhaganga College of Education B.H. Road, Tumakuru, Karnataka | Teacher Trainees | 1 | 50 |
| Total | | | | | 1352 |



**Workshop for teachers at Gudalur,
The Nilgiris, Tamil Nadu**



**Workshop for women at Karimarahatty,
Coonoor, The Nilgiris, Tamil Nadu**



**Programme for women at Jajati
Keswari Club, Tangi-Chowdar,
Cuttack, Odisha**



**Programme for Teachers at
Jhadeswarpur, Salepur,
Cuttack, Odisha**



Workshop for NSS Students of Siddhartha Arts & Science College, Vijayawada, Andhra Pradesh



Workshop for Teachers at Government Girls' Junior College, Sira, Tumakuru, Karnataka



Workshop for teachers at Bantumili, Krishna District, Andhra Pradesh



Workshop for Teacher Trainees at Sri Siddha Ganga College of Education, Tumakuru, Karnataka



Workshop for Women at Krishnalanka, Vijayawada, Andhra Pradesh



The Sambad Daily Odia News Paper dated November 29, 2021



**The Pramay Odia Daily Newspaper
dated December 16, 2021**

Programmes for School Students in the state of Karnataka

| S. | Date | Venue | Target | No. of prog. | No. Participants |
|--------------|------------|---|------------------|--------------|------------------|
| 1. | 17.02.2022 | Government High School, Baikampady, Meenaliya 575 010 Dakshina Kannada | Eco Club Members | 1 | 60 |
| 2. | 17.02.2022 | Government High School, Badaga Yekkur, Mangalore, North Dakshina Kannada 574 509 | Eco Club Members | 1 | 58 |
| 3. | 18.02.2022 | Dakshina Kannada Zilla Panchayat Model Higher Primary School Moodambailu 574 280 Bantawadi Dakshina Kannada | Eco Club Members | 1 | 60 |
| Total | | | | | 178 |



Vegan Cooking Workshop

| S. No. | Date | Venue | Target | No. of Prog. | No. of Participants |
|--------|--------------|--|--|--------------|---------------------|
| 1. | 21.3.2022 | Vidya Manasa Vidyalaya, Shettihalli Main Road, Tumakuru 572 102, Karnataka | Vegan Cooking for Women (Teachers and Parents) | 1 | 51 |
| 2. | 27.3.2022 | Biswanahakani Higher Secondary School, Tangi, Cuttack Odisha | Village Women Health Workers, ASHA and Anganwadi Workers | 1 | 89 |
| | Total | | | | 140 |

The vegan cooking workshop for women (teachers and parents) of Vidya Manasa Vidyalaya, Tumakuru was organized in which 39 parents and 12 teachers attended the workshop.

Smt. Anuradha G.V., Pregnancy Yoga Counselor and Promoter of Vegan cooking from Bengaluru was the Resource person. She explained the ill effects of milk and its by-products on human health and stressed the importance of Veganism. She gave alternatives for milk and egg.

She demonstrated how to prepare Raw Salad and extract Milk from groundnut seeds, coconut and black sesame. She also gave recipes for various items like Corn Cutlet, Sabudana Vada, eggless cake, etc. in Kannada. The participants were also made to prepare a few items without using dairy products.



In Odisha, the participants were taught to make salads. Mrs. Sarojini Debata, (Lecturer in Odia), Higher Secondary School, Biswanhakani, Tangi, Cuttack and Ex-National Service Scheme (NSS) and Best Program Officer Awardee was the resource person. She explained in detail the ill effects of consuming dairy products and non vegetarian food. She highlighted the importance of consuming plant based food and the goodness of veganism.



Vegan workshop held at Tangi, Cuttack, Odisha

'କୁପୋଷଣମୁକ୍ତ ଭାରତ' କର୍ମଶାଳା

ଗଜା, ୨୭ ମା (ସ ପୁ) : ବିଦ୍ୟାମନାଶାଳା ମହାବିଦ୍ୟାଳୟରେ କୁପୋଷଣମୁକ୍ତ ଭାରତ' ଶୀର୍ଷକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । ଏଥିରେ ଗରୁଣା, ସପା, କରଞ୍ଜି, ପାରିଆ ପ୍ରଭୃତି ପଞ୍ଚାୟତର ଆଶା, ଅଜ୍ଞାନଶ୍ରତି କର୍ମାମାନେ ଅଣ ଭୁକ୍ତ କରିଥିଲେ । ବିଶେଷଜ୍ଞମାନେ ମହିଳା ଓ ଶିଶୁମାନେ ଶାକାର ହେଉଥିବା କୁପୋଷଣର କାରଣ ଓ ନିରାକରଣ ଫଳକରେ ପ୍ରଶିକ୍ଷଣ ପ୍ରଦାନ କରିଥିଲେ । କର୍ମଶାଳାରେ ଦୀର୍ଘମଧ୍ୟ ବେଢ଼େରା, ପ୍ରତାପ କୁମାର ନାୟକ, ବିଜୟ କୁମାର ସାହୁ, ସୋନାକ୍ଷୀ ନାଥ ପ୍ରମୁଖ ସମ୍ମାନିତ ବ୍ୟକ୍ତି ଭାବରେ ଯୋଗ ଦେଇଥିଲେ । ଅଧ୍ୟାପକ ପ୍ରତାପ ମିଶ୍ର ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।

The Samaj Odia Daily Newspaper dated March 28, 2022

କୁପୋଷଣ ମୁକ୍ତ ଭାରତ କର୍ମଶାଳା

ଗଜା (ସାତବା) : ବିଦ୍ୟାମନାଶାଳା ମହାବିଦ୍ୟାଳୟରେ କୁପୋଷଣମୁକ୍ତ ଭାରତ' ଶୀର୍ଷକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । ଏଥିରେ ଗରୁଣା, ସପା, କରଞ୍ଜି, ପାରିଆ ପ୍ରଭୃତି ପଞ୍ଚାୟତର ଆଶା, ଅଜ୍ଞାନଶ୍ରତି କର୍ମାମାନେ ଅଣ ଭୁକ୍ତ କରିଥିଲେ । ବିଶେଷଜ୍ଞମାନେ ମହିଳା ଓ ଶିଶୁମାନେ ଶାକାର ହେଉଥିବା କୁପୋଷଣର କାରଣ ଓ ନିରାକରଣ ଫଳକରେ ପ୍ରଶିକ୍ଷଣ ପ୍ରଦାନ କରିଥିଲେ । କର୍ମଶାଳାରେ ଦୀର୍ଘମଧ୍ୟ ବେଢ଼େରା, ପ୍ରତାପ କୁମାର ନାୟକ, ବିଜୟ କୁମାର ସାହୁ, ସୋନାକ୍ଷୀ ନାଥ ପ୍ରମୁଖ ସମ୍ମାନିତ ବ୍ୟକ୍ତି ଭାବରେ ଯୋଗ ଦେଇଥିଲେ । ଅଧ୍ୟାପକ ପ୍ରତାପ ମିଶ୍ର ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।

The Matrubhasa Daily Odia Newspaper dated March 28, 2022

8

SACRED GROVE CONSERVATION

Sacred Grove conservation is one of the important programmes of CPREEC since 1994.

The Sacred groves that are endangered or in near extinction condition and are in need of restoration are identified and selected by CPREEC for restoration. Appropriate species suitable to the area were selected and planted with the cooperation of the local villagers.

The sacred groves of Nenmeli and Kunnam in Kancheepuram district are being maintained. Casualty replacement of plants was also carried out at the above sites.

Incidentally, this year's theme for World Environment Day (June 5) was 'Ecosystem Restoration'. CPREEC has been restoring degraded sacred groves in the states of Andhra Pradesh, Karnataka and Tamil Nadu. So far, CPREEC has restored 53 sacred grove sites in the states of Tamil Nadu, Andhra Pradesh and Karnataka with a total area of 192 acres and have planted more than 2.00 lakh saplings.

This year, CPREEC's ENVIS – RP has documented 27 sacred groves in India with a total of 10,377 sacred groves.



9 SMART SCHOOLS

With the financial support extended by M/s. Expleo Solutions Ltd., as a part of their CSR activities, a Desk top Computer, LCD Projector and White Board was provided to the following five schools as part of the Smart Schools Project. The items were installed at the schools and basic training was provided to the teachers. A formal handing over ceremony was organized at all the schools. Senior Officials from Expleo Solutions Ltd., and the staff of CPREEC participated.

- ❖ Peerkankaranai Government Higher Secondary School, Peerkankaranai, New Perungalathur, Chennai
- ❖ Mishrimal Bhukraj Bhora Government Girls Higher Secondary School, Tambaram East, Chennai
- ❖ Government High School, CLC Road, Chromepet, Chennai
- ❖ Government Girls Higher Secondary School, JCK Nagar, Chengalpet
- ❖ Government High School, Palur, Chengalpet



**Mishrimal Bhukraj Bhora Government
Girls Higher Secondary School,
Tambaram East, Chennai**



**Government Girls Higher Secondary
School, JCK Nagar, Chengalpet**



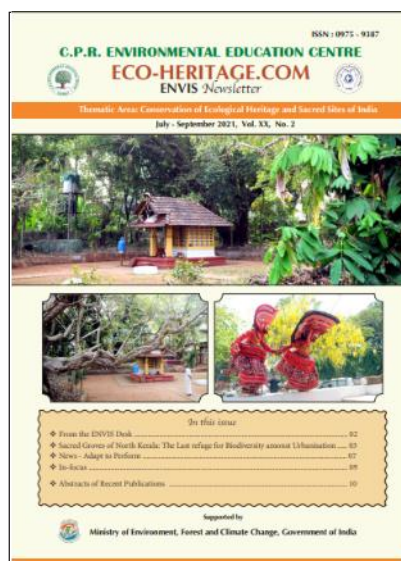
10 PUBLICATIONS

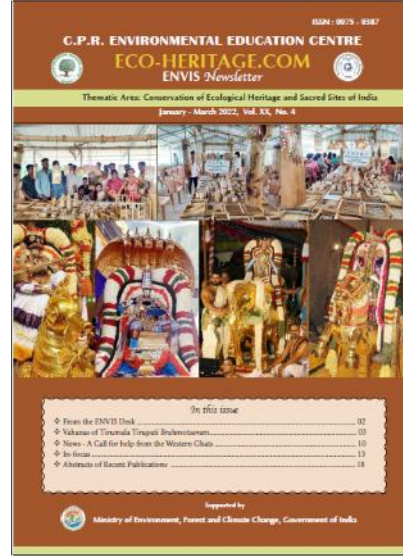
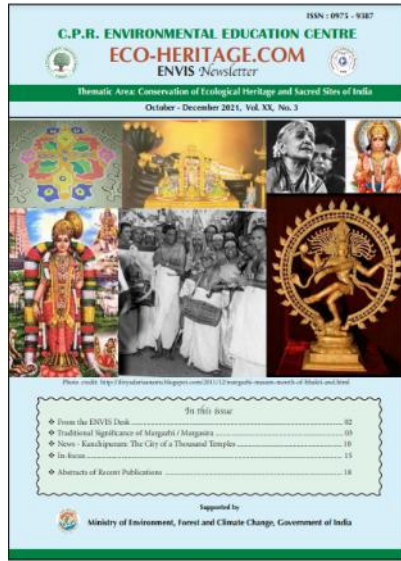
❖ **Indian Journal of Environmental Education – Vol. 21**



❖ Four issues of the ENVIS Newsletter **Eco-Heritage.com** were brought out

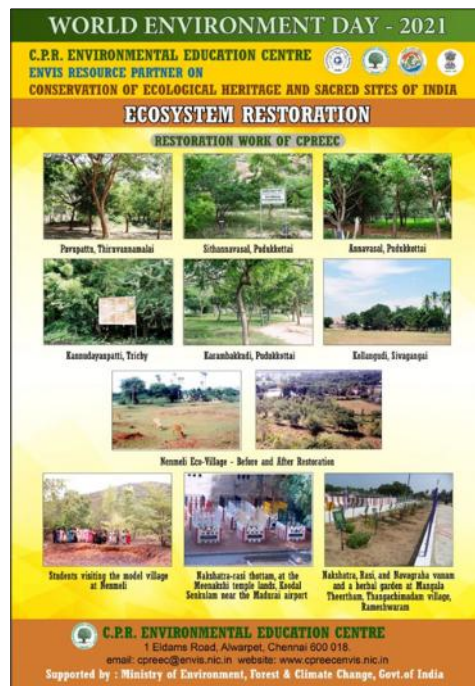
- April – June 2021, Vol. XX, No.1
- July – September 2021, Vol. XX, No. 2
- October – December 2021, Vol. XX, No. 3
- January – March 2022, Vol. XX, No. 4





❖ **Posters on**

- ❑ **Ecosystem Restoration** (as part of World Environment Day)
- ❑ **Avoid single use Plastic – 4 nos.**
(as part of Iconic Week Celebrations) (in English and Tamil)
- ❑ **Wetlands Action for People and Nature**
(as part of World Wetlands Day)



Poster on Ecosystem Restoration

11

LECTURES DELIVERED

- ❖ **Dr. Nanditha Krishna, Honorary Director, CPREEC** delivered a lecture on **‘The Sacred Ecology of India’** via Zoom organized by Chhatrapati Shivaji Maharaj Vastu Sangrahalaya and Museum Society of Mumbai on **April 8, 2021**.
- ❖ **Dr. Nanditha Krishna, Honorary Director, CPREEC** delivered a lecture on **‘Sacred Groves – A Unique Conservation Concept’** organized by TEDxSCAC via Zoom on **April 16, 2021**.
- ❖ **Dr. Nanditha Krishna, Member Secretary, CPREEC** delivered an online lecture on **‘Sacred Ecology’** on **September 16, 2021**, at the mission – Internationales Katholisches Missionswerke. V. glauben. leben. geben. organized by Dr. Martin Stauch, stv. Abteilungsleiter Bildung, Goethestraße 43, 52064, Aachen, DEUTSCHLAND
- ❖ **Dr. Nanditha Krishna, Member Secretary, CPREEC** delivered an online lecture on **‘Sacred Ecology’** on **September 17, 2021**, at the refresher course for senior Indian Forest Service officers (IFS) on “Innovative Engagement of Community in Conservation of Nature and Role of Ethics, Values, Traditional Practices and Community Knowledge” organized by Department of Political Science, Gandhigram Rural Institute-Deemed University, Gandhigram, Dindugul.
- ❖ **Dr. Nanditha Krishna, Member Secretary, CPREEC** delivered a lecture on **‘India’s Sacred Ecology’** at the webinar on **‘Temple Architecture - Devayatanam, An Odyssey of Temple Architecture’** organized by Archaeological Survey of India, held at Hampi on **February 26, 2022**.
- ❖ **Dr. P. Sudhakar, ENVIS Coordinator** delivered an online lecture via Zoom Meeting on **Go Green Towards a Green Campus** during the Virtual Webinar on Green Practices for the 1st year UG & PG students of Sri Meenakshi Government Arts College for Women (Autonomous), Madurai on **December 09, 2021**.

Online Consultation

Dr. P. Sudhakar, ENVIS Coordinator participated in a discussion on **Farm and Forest Consultation and Guidance** for implementation in their group of schools with the Director, Vice

President and AVP of Chettinad Sarvalokaa Education International School, Chennai on **March 7, 2022** via Zoom Meeting.

Interaction

Dr. P. Sivakumar, Professor & Head, Department of Education (DDE),

Alagappa University, Karaikudi, Tamil Nadu interacted with Dr. P. Sudhakar, ENVIS Coordinator and Mr. U. Thirunavukkarasu, Assistant Director, CPREEC with regard to his project “Nurturing Environmental Values, Ethics, and Peace for Sustainable Development” on **March 25, 2022**. He also utilized CPREEC’s Environmental Library for his project.



12

HERITAGE ONLINE ARTICLES ON NATURAL HERITAGE

The following articles pertaining to environmental issues were included under Natural Heritage in Heritage Online magazine.

| S. No. | Date | Title | Author |
|--------|------------|--|--------------------------|
| 1. | 17.04.2021 | India's Threatened Coastal Habitat – Part I | R. Sabesh |
| 2. | 24.04.2021 | India's Threatened Coastal Habitat – Part II | R. Sabesh |
| 3. | 15.05.2021 | Waste Management – A Dilemma Today | Gandhimathi Deva Packiam |
| 4. | 12.06.2021 | Ethnobotany – Plants and People | Dr. P. Sudhakar |
| 5. | 26.06.2021 | Environmental Law in India – Part I | L. Pushpa Kumar |
| 6. | 03.07.2021 | Environmental Law in India – Part II-A | L. Pushpa Kumar |
| 7. | 10.07.2021 | Environmental Law in India – Part II – B | L. Pushpa Kumar |
| 8. | 17.07.2021 | Environmental Law in India – Part III – A | L. Pushpa Kumar |
| 9. | 24.07.2021 | Environmental Law in India – Part III – B | L. Pushpa Kumar |
| 10. | 14.08.2021 | Ecological Heritage Sites of Chennai – Part I | Dr. M. Amirthalingam |
| 11. | 21.08.2021 | Ecological Heritage Sites of Chennai – Part II | Dr. M. Amirthalingam |
| 12. | 11.09.2021 | Elephants – Endangered in the Land of Lord Ganesha – Part I | Jayanthi Rengun |
| 13. | 18.09.2021 | Elephants – Endangered in the Land of Lord Ganesha – Part II | Jayanthi Rengun |
| 14. | 30.10.2021 | Frankincense – The Mystic Aroma | N. Sandhya |
| 15. | 18.12.2021 | Plants, Constellations, the Zodiac and the Planets | B. Arulananthan |
| 16. | 13.01.2022 | Floods in India | Dr. M. Amirthalingam |
| 17. | 29.01.2022 | Genetically Modified Organisms – A Doubtful Bonanza | R. Kavitha |
| 18. | 12.02.2022 | The Extinction of Species – Part I | J. Murali |
| 19. | 26.02.2022 | The Extinction of Species – Part II | J. Murali |
| 20. | 12.03.2022 | Know Your Trees – Portia / Tulip Tree | Dr. M. Amirthalingam |
| 21. | 26.03.2022 | Know Your Animals – Dugong | R. Kavitha |