

ENVIRONMENT EDUCATION PROGRAMME (EEP KERALA)



Ministry of Environment, Forests & Climate
Change, Government of India



ANNUAL REPORT 2023-2024



Kerala State Council for Science, Technology and Environment, Sasthra Bhavan,
Pattom, Thiruvananthapuram-04

ENVIRONMENT EDUCATION PROGRAMME

(EEP KERALA)

A Programme Of



**MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE
GOVERNMENT OF INDIA**

EEP KERALA ANNUAL REPORT 2023-2024

Submitted by



**KERALA STATE COUNCIL FOR SCIENCE,
TECHNOLOGY AND ENVIRONMENT
SASTHRA BHAVAN, PATTOM, THIRUVANANTHAPURAM-04**

<i>Sl No</i>	<i>Contents</i>	<i>Page No</i>
1.	<i>Sustainable life style workshop</i>	
i.	<i>Sustainable life style workshop for teachers</i>	<i>1-21</i>
i.	<i>Sustainable life style workshop for students</i>	<i>22-42</i>
ii.	<i>Sustainable life style workshop @ R&D Centers</i>	<i>43-78</i>
2.	<i>EEP School Projects</i>	<i>79-95</i>
3.	<i>Thematic Competitions</i>	<i>96-114</i>
4.	<i>Thematic Campaigns</i>	<i>115-137</i>
5.	<i>Nature Camps</i>	<i>138-161</i>
6.	<i>Green Book Mobile App</i>	<i>162-163</i>

ENVIRONMENT EDUCATION PROGRAMME KERALA

SUSTAINABLE LIFE STYLE WORKSHOP FOR NATIONAL GREEN CORPS ECOCLUB TEACHERS

Report 2023-24

A Programme of



**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE
GOVERNMENT OF INDIA**

Submitted By



**KERALA STATE COUNCIL FOR SCIENCE,
TECHNOLOGY AND ENVIRONMENT,
SASTHRA BHAVAN, PATTOM,
THIRUVANANTHAPURAM, 695004**

Contents	Page No
National Green Corps Trivandrum	
1. <i>Trivandrum Educational District.</i>	3
2. <i>Attingal Educational District</i>	
National Green Corps Kollam District	
3. <i>Kottarakkara Educational District</i>	4
4. <i>Kollam Educational District.</i>	
National Green Corps – Pathanamthitta	
5. <i>Thiruvalla Educational District</i>	5
6. <i>Pathanamthitta Educational District</i>	
National Green Corps – Alappuzha	
7. <i>Mavelikkara Educational District</i>	7
8. <i>Alappuzha Educational District</i>	
National Green Corps Kottayam	
9. <i>Kottayam Educational District:</i>	9
10. <i>Kanjirapally Educational District:</i>	
National Green Corps Idukki	
11. <i>Thodupuzha Educational District</i>	10
12. <i>Kattappana Education District</i>	
National Green Corps Ernakulam	
13. <i>Ernakulam Educational District</i>	11
14. <i>Aluva Educational District</i>	
National Green Corps Thrissur	
15. <i>Thrissur Educational District</i>	12
16. <i>Irinjalakkuda Educational District</i>	
National Green Corps Palakkad	
17. <i>Palakkad Educational District</i>	13
18. <i>Mannarkkad Educational District</i>	
National Green Corps Malappuram	
19. <i>Tirur Educational District</i>	15
20. <i>Malappuram Educational District</i>	
National Green Corps Kozhikode	
21. <i>Kozhikode Educational District</i>	16
22. <i>Vadakara Educational District</i>	
National Green Corps Wayanad	
23. <i>MSSRF Training Programme 1</i>	19
24. <i>MSSRF Training Programme 2</i>	
National Green Corps Kannur	
25. <i>Teachers Workshop Science Park Kannur</i>	20
26. <i>BRC Hall Thalassery</i>	
National Green Corps Kasargod	
27. <i>Kanhangad Educational District</i>	20
28. <i>Kasargod Educational District</i>	

EEP KERALA: SUSTAINABLE LIFE STYLE WORKSHOP FOR NATIONAL GREEN CORPS ECOCLUB TEACHERS

Kerala State Council for Science, Technology under Environment, under Environment Education Programme (EEP Kerala), the revamped programme of National Green Corps funded by MoEF & CC organised Sustainable Life style workshop for teachers in charge of ecoclubs in the State. One day Training programmes on Mission LiFE organised in educational district wise in all districts. The training programmes were organised by KSCSTE in association with the District Implementation & Monitoring Committee of NGC.

KSCSTE organised 28 training programmes starting from November 2023 to March 2024 in the various educational districts. 2600 teachers in charge of Ecoclubs participated in the programme. Technical sessions on various LiFE topics were handled by the eminent resource persons in the field.

Topics such as Water Conservation, Energy Conservation, Sustainable life style and healthy food habits, Eco clubs in schools and environmental activities, Concept of Reduce, Recycle and Reuse, Plastic pollution were covered in the workshop. Awareness programme on Millet Revolution, Wild life protection, Conservation of sea turtles etc were some highlights. Certificates were given to the teachers who had successfully attended the training workshop.

I. NATIONAL GREEN CORPS TRIVANDRUM

DIMC Trivandrum in association with Department of General education organised one-day workshop for Eco Club School Teacher Coordinators of the district on 14th November and 16th November 2023 at Attingal and Thiruvananthapuram educational districts

More than 200 teachers participated in the workshop held in two educational districts. The teacher training was conducted in such a way as to provide practical training in various subjects to help the students gain knowledge about environmental activities. D.E.O.Incharge of Attingal Education District Shri Thomas inaugurated the program.

The classes were held in 4 sessions on Sustainable life style topics. Jyoti and Athira of Mitra Niketan Krishi Vijjana Kendra, Millet Mission Kerala District Coordinator Sasidharan Pillai and Jyoti Lakshmi led the workshop. Scout Commissioner Shri Satish Kumar inaugurated the district level seed bank as part of the programme.



II. NATIONAL GREEN CORPS KOLLAM

DIMC Kollam in association with Department of General education organised one-day workshop for Eco Club School Teacher Coordinators of the district on 17th and 18th January 2024 at the following centers.

- 1) 17.01.2024 Nitya Sahaya Mata Girls High School, Kottiyam
- 2) 18.01.2024 - Block Resource Centre, Kottarakkara

Kollam Educational District

The training programme for the ecoclub teachers of Kollam Educational district was organised at Nitya Sahaya Mata Girls High School, Kottiyam on 17.01.2024. The programme was inaugurated by Mrs. Judith Lata, Headmistress, Nitya Sahaya Mata Girls High School in the meeting presided by Shri. Sajeev T K , Member, State School Resource Group. Shri. K.V Ramesh, District Coordinator, Smart Energy Programme offered his greetings and Mr. Jeffy George, School Eco Club Coordinator, expressed the vote of thanks, Shri. S. Reginald Sreekumar, DC, NGC Kollam gave welcome speech and explained the need to adopt a sustainable lifestyle and the activities of the National Green Corps. 76 teachers participated in the training.

Then on the following topics in various sessions

- 1) Projects on Environment issues
- 2) Waste Management & concept 4Rs
- 3) Eco clubs in schools and environmental activities
- 4) Making of LED bulbs

Smart Energy District Coordinator Shri KV Ramesh State School, Resource Group Member Mr. Sajeev T. K, Mr. Shanthakumar B.S, Headmaster, GHSS Muttara and Science State Resource Group Member, Shri. S. Reginald NGC District Coordinator led the classes. Hands on training on LED bulb making were also conducted for the ecoclub teachers and the training program concluded at 4.00 pm.

Kottarakkara Educational District

The training programme for the ecoclub teachers of Kottarakkara Educational district was organised at Block Resource Centre, Kottarakkara on 18.01.2024. The programme

was inaugurated by Kottarakkara Block Resource Center BPC, Shri. Roshin in the meeting presided Shri. K.V Ramesh, District Coordinator, Smart Energy Programme. Shri. Sajeev T K, Member, State School Resource Group offered welcome and Bindhu L, School Eco Club Coordinator, expressed the vote of thanks. Shri. S. Reginald Sreekumar, DC, NGC Kollam explained the need to adopt a sustainable lifestyle and the activities of the National Green Corps.

. 76 teachers participated and the inaugural session was held at 10.am. Smart Energy District Coordinator Shri KV Ramesh State School, Resource Group Member Mr. Sajeev T. K, Mr. Aromal, Electrical Engineer, Smart Home Kottarakkara, NGC District Coordinator Shri. S. Reginald led the classes. Hands on training on LED bulb making was also conducted for the ecoclub teachers and the training program concluded at 4.00 pm.



III. NATIONAL GREEN CORPS – PATHANAMTHITTA

Thiruvalla Educational District

Pathanamthitta District organised Sustainable Life style workshops for Teachers of Thiruvalla Educational District under NGC Eco clubs 2023-24, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE) and Education department officials on 27/11/2023 at DIET Auditorium at Thiruvalla. The programme was inaugurated by Mrs Mini Benjamin, Principal, DIET Thiruvalla, Pathanamthitta

Details of Technical sessions are as follows;

- Prof P G Philip (Retd. Prof in Chemistry, OISCA South Kerala President, YMCA National Environment Board Member and Kerala Chapter Secretary.

Topic: Significance of Sustainable Life Style. Objective of the session: How to conduct awareness programs in schools in order to put into practice Sustainable Life Style in School Children.

- Sri Biju Mathew K C (Resource Person Energy Management Centre, Secretary Energy Conservation Society Pathanamthitta Dist. Director Honey Valley Apiculture Centre Pathanamthitta).

Topic: - Toxic Plastic Segregating plastics based on grading to avoid toxicity when plastic containers are used for packing consumer items especially food products. Teachers were given different types of plastic containers and were ask to segregate according to the different grades.

- Dr. Vidhu and Sri. C K Mani Experts and Resource Persons in Biological Organic, Farming Specialists in Terrace Farming.

Topic: - Organic Terrace Farming and its Contemporary Significance. To share practical experience in organic farming and modern techniques in Terrace Farming. After the sessions experience Sharing of Eco club teachers and issue of TA, Certificate & Duty Certificate was done. 84 nos of teachers from various ecoclub schools participated.

Pathanamthitta Educational District

Pathanamthitta District organised Sustainable Life style workshops for Teachers of Pathanamthitta Educational District under NGC Eco clubs 2023-24, at Govt. High School, Kozhenchery. The programme was inaugurated by Sri Shihavudin Coordinator BRC Kozhenchery.

Details of Technical sessions are as follows;

- Dr. Vidhu and Mr C K Mani
Topic:-Biological Organic Terrace Farming and its Contemporary Significance. Objective of the Session-- share Practical experience in “Biological Organic” Farming and modern trends in Terrace Farming.
- Sri Biju Mathew K C
Topic: Toxic Plastic Objective of the Session-Segregating plastics based on grading to avoid toxicity when plastic containers are used for packing consumer items especially food products. Method: Hands on Activity. Teachers were given different types of plastic containers and were ask to segregate according to the different grades.
- Prof P G Philip
Topic: Significance of Sustainable Life Style.
After the sessions experience Sharing of Eco club teachers and issue of TA, Certificate & Duty Certificate was done. 107 nos of teachers from various ecoclub schools participated.



IV. NATIONAL GREEN CORPS – ALAPPUZHA

Govt. Girls HSS Auditorium, Alappuzha

Sustainable Life style workshops for Teachers under NGC Eco clubs 2023-24, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE) and Education department officials on 28/11/2023 at Govt. Girls HSS Auditorium, Alappuzha. Seventy (70) Eco club in charge teachers from different schools participated in training.

The programme was inaugurated by Smt. Annamma P D, District Educational Officer, Alappuzha, in the meeting presided by Sri. Sreekumar.H, DC, NGC, Alappuzha. Sri. Jojo TD, Coordinator, Atree, Alappuzha. Sri Renjan Mathew Varghese, State Coordinator, WWF gave felicitations on the occasion. Sri. B. Bijukumar, JC, NGC & SRG, Alappuzha gave welcome speech and Sri. Radhakrishnan, JC, NGC, Cherthala gave the vote of thanks.

Mavelikkara Educational District

The Sustainable Life style workshops for Teachers of Mavelikara Educational District under NGC Eco clubs 2023-24, on 30/11/2023 at Govt. Girls HSS Smart Hall, Mavelikara.

The programme was inaugurated by Sri. Sunny P O, District Education Officer, Mavelikkara in the meeting presided by Shri. Sreekumar.H, DC NGC, Alappuzha. Smt. Anitha, HM, GGHSS, Mavelikara. Sri Renjan Mathew Varghese, State Coordinator, WWF Winner gave felicitations on the occasion. Shri. R. Rajesh, JC, NGC &

SEP/EMC, Mavelikkara gave welcome speech and Sri. Raphi Ramnath, VVHSS, Vana Mitra award gave the vote of thanks

Technical sessions were handled by

- Sri. Sreekumar.H, DC, NGC, Alappuzha on Eco clubs: Environmental activities in schools & Projects on Environment issues
- Sri. B. Bijukumar, JC, NGC & SRG, Alappuzha, on Waste management and control of plastic pollution.
- Shri. Jojo TD, Coordinator, Atree, Alappuzha on Waste management and control of plastic pollution -with special reference to Vembanad Lake
- Sri Renjan Mathew Varghese, State Coordinator, WWF Topic: A look in to our ecological foot print
- Sri. Radhakrishnan, JC, NGC, Cherthala Topic: Energy Conservation
- Sri. Raphi Ramnath & R. Rajesh, Vana Mitra award Winners on Eco clubs: Environmental activities in schools.

After the sessions experience Sharing of Eco club teachers and issue of TA, Certificate & Duty Certificate was done 70 nos of teachers from various ecoclub schools participated.





V. NATIONAL GREEN CORPS KOTTAYAM

As per the directions of KSCSTE, we organised 2 Teacher Training Programmes in Kottayam District.

Kanjirapally Educational District:

On 1st Dec. 2023 we conducted the programme at MGM UPS Auditorium, Elikkulam, Kanjirapally Educational District. Mr. Rakesh KAS, District Educational Officer, Kanjirapally inaugurated the function at 10 am. Mrs. Sumangala Devi, Headmistress presided over the function. In the morning session. Mr. Mathew M. Kuriakose, Rtd. Principal St. Thomas HSS Pala took class on the “Activities of Eco Clubs in schools”. In the Afternoon session Smt. Jayamol Jacob, Resource person, EMC took class ‘Energy and water conservation 50 teachers actively participated.

Kottayam Educational District:

On 19th December 2023 we conducted the training at Baker Vidyapeeth Auditorium, Kottayam. Teachers from Kottayam Educational District participated. In the morning at 10 am Dr. Betsy A. Varkey, Principal Baker Vidyapeeth inaugurated the function. Sri. M. C Skariah Headmaster, GUPS, Cheeramkulam presented the activities he conducted in his school in the morning session Sri. Mathew M Kuriakose took class on the subject 'Ecoclubs in schools and environmental activities'. In the afternoon Smt. Jayamol Jacob took class on 'Energy and water conservation' 58 Teachers participated.



VI. NATIONAL GREEN CORPS –NGC IDUKKI

As per the instructions from the state coordinator NGC and KSCSTE, the workshop could be conducted in Idukki District in time. Teacher's trainings have been conducted in two educational districts ie in Thodupuzha and Kattappana. These workshops were conducted in association with Dept of General Education.

Kattappana Education district

Kattapana educational District teachers Workshop was conducted on 4th December. 2023 at Kattapanna GTHSS Binary Hall on December 15, 2023. The registration started at 9.30 AM. The inaugural ceremony started at 10.00 AM. Smt.Vijaya, DDE Kattappana inaugurated the programme and interacted with the teachers. We had four resource persons and had taken the topics which were selected by the KSCSTE closely related to environment issues.

Thodupuzha Education district

Thodupuzha educational District teachers training workshop was organised at APJMGHSS Thodupuzha. The teachers have actively taken part in the group discussion. The topics given to the groups were

- Our local environment issues
- Modern lifestyle and climate change
- Waste Management in schools
- Duties of a teacher in charge of Eco Club Activities
- Paper bag making
- Saree house for vegetables and small plants.

Two cost effective plans have been introduced by two experts in the teachers Workshop. The first one is for the promotion of money making and reduction of plastic pollution.

VII. NATIONAL GREEN CORPS ERNAKULAM

Ernakulam Educational District

As per the Sanctioned fund order from Ministry of Environment, Forest and Climate change (Order No 291/2023/KSCSTE dated 17-10-2023 to NGC Ernakulam District was organized two sustainable life style workshops for Teachers. and 04/05/2024.

The first programme was organized at Govt. Boys HSS Aluva on 24/02/2024 in Mushroom cultivation and its health benefits. The Programme was started at 9.30 AM with the welcome speech of District coordinator, followed by the inaugural address Principal Ms. Rosa, during her speech she was pointed out that the importance of antioxidant effect and Vitamin D in our daily life. The session begins with the awareness class and hands on training of Ms. Sreeja Rajeev, Consultant, State Horticulture Mission, Kakkanad, Ernakulam. Participants are actively involved the session for clearing their doubt and some of the teachers bought the sample of mushroom seeds and bed pellets for the mushroom cultivation in their home. The classes were end by the volte of thanks of Mr. Anoop V P.

Inaugural Session of Teachers Training in Mushroom Cultivation at Govt. Boys HSS Aluva



Resource Person Demonstrating Preparation Seeding





Aluva Educational District

The second programme of Teachers training workshop was arranged in Mushroom cultivation at Sophisticated Test and Instrumentation Centre, Cusat, Cochin. The programme was started with the at 9.30 Am with the welcome address of District Coordinator, he pointed out that the use of mushroom in daily life and the antioxidant property mushroom, its metabolic effect against cancer cells. The programme was inaugurated by Dr. Gopalakrishna Pillai, Director of STIC. After the inaugural session resource person, Ms. Sreeja Rajeev, Consultant, State Horticulture Mission, Kakkanad, Ernakulam District. Ms. Sreeja were explained that the health benefits of mushroom and its medical application including various methods of mushroom cultivation, preparation of seeding and bed preparation etc. The resource person also provided hands own training of mushroom cultivation. Certificates were distributed by the resource person. The session ends by the vote of thanks of Ms. Deepa Govt. Boys HSS, Aluva and the programme was a grant success.



VIII. NATIONAL GREEN CORPS THRISSUR

Thrissur district organized two Sustainable life style workshops for teachers of Thrissur district on 5th & 7 th Jnauary 2024 for the teachers of Thrisuur & Irinjalakkuda educational districts. 214 teachers participated in the training workshop.

Thrissur educational district

EEP- Kerala –Thrissur District Organised Sustainable Life style workshop for teachers in charge of Ecoclubs of Thrissur educational district on 05.01.2024 at Vigyan Sagar Auditorium, Ramavarmapuram. The programme was inaugurated by Shri. Panigrahi,

Assistant Collector, Thrissur in the meeting presided by DDE Thrissur. 149 nos of teachers participated.

Technical sessions were handled by Dr. Jain. J. Therattil, St. Aloysius College, El Thuruth, Mr. Kurian Jacob, Lecturer, SS MV H SS Edakkazhiyur, Dr. Pious OL, James NJ, District Coordinator NGC Thrissur .

Irinjalakkuda educational district

EEP- Kerala –Thrissur District Organised Sustainable Life style workshop for teachers in charge of Ecoclubs of Irinjalakkuda educational district on 07.01.2024 at Carmal College, Mala. 65 nos of teachers participated. Technical sessions were handled by Dr Geo Joseph, Dr. Kurian Jacob, Dr Robin & James N J



IX. NATIONAL GREEN CORPS PALAKKAD

NGC Palakkad as part of conducting sustainable lifestyle workshop for ecoclub Teacher coordinators, 2 workshops were organised. The details of the workshops as follows.

As part of conducting sustainable lifestyle workshop for ecoclub teacher co- The details of the workshops as follows.

- 11.12.2023 for Teacher co-ordinators 46 teachers participated
- 2 . 12.2.2024 for Teacher co-ordinators 42 teachers participated

A Total of 271 Teachers/students participated from these 5 workshops. 4 workshops conducted in Palakkad Moens girls' high school. One workshop at Aashrayam Rural Development society, Kollengod (NGO of District Implementation committee) Made necessary arrangements as a service to Ecoclub supporting programs.

Sri PV Manojkumar, Deputy Director of Education, Palakkad district Inaugurated and honoured the teachers, schools, and Ecoclub students who took initiative to work for a better environment. He asked the schools to ensure to reach the benefits of Ecoclub all students in the schools.

Topics such as Energy and water conservation, 'RRR' Principle, Waste management and Hands on training given to the participants on the following field. Sessions on how NGC activities can be improved in schools and how maximum students can be benefited through NGC activities.

1. Hands on training for preparation of eco-enzyme, Toxic- free bathing Soap making, Budding, Grafting and Layering of Household plants and endangered plants as well.
2. Preparation of eco-friendly Bath soap in houses as well in industry was taught. How the best soap with maximum TFM can be prepared, how it is minimizing harm to the environment as well as the economy was taught.
3. Plant grafting, budding, layering training. This was another best activity in which Teachers and students participated with utmost care in handling the plant and the grafting process. How plants can be protected and propagated with special reference to rare and endangered species.

In addition to these topics, experts also presented how scientific projects can be prepared by students and teachers and presented in NCSC (National Children's Science Congress) competitions. such projects selected for National level were presented by the concerned child scientists and guides in the training. M. Sujatha Teacher from Kongad UP school their child scientists such as Jangannath and Medha lakshmi presented how waste water can be treated at low cost in houses and their project features. They were honoured by Deputy Director of Education Sri PV Mohan Kumar in the final workshop conducted at Moens HS, Palakkad.

All teachers and students were given Certificates, Travel cost and provided with Food and refreshments. A special program also included to honour Best performing NGC Schools of Palakkad based on the data made available by the schools. 10 such schools were honoured in the first workshop.

All these schools were honoured in the first workshop by Sri. R.Chandrasekharan Nair, Trainer of Science project preparation and Judge of NCSC Palakkad. Medicinal plant saplings and certificates were given as memento to these schools. The Ecoclub co-ordinator and students of respective schools received the Awards.

Individual and group presentations on exclusive activities of various schools done also there in the workshop which gave an insight to work in new dimension to the ecoclub teacher and student co-ordinators.

Only with the support from Palakkad and Mannarkkad Educational District Co-ordinators such as Sri KA Ajesh and Sri E Yousafali and Volunteers from Aashrayam Rural Development society all the workshops became successful.



X. NATIONAL GREEN CORPS MALAPPURAM

With the help of the Ministry of Environment and Forests and Kerala State Council for Science Technology Environment, DIMC Malappuram district conducted a one-day training camp for the teachers in charge of the Eco Club of Malappuram district as part of the Environmental Education Program under the National Green Corps.

The programme was conducted at District Planning Office Auditorium, Civil Station, Malappuram on 27th November 2023. A total of 150 teachers attended the training programme.

The programme was inaugurated by Mr. PV Jayaprakash Social Forestry Assistant Conservator Malappuram and gave a keynote speech. NGC Malappuram District Joint coordinators A. Abdurahiman Mash, Dr. Pramod Irumbuzhi spoke on the occasion. Shri. Mr. Abdul Hameed V, Soil Survey Assistant Director took classes on the topic Human and Soil, Shri. Sajeesh Vakhari, Kerala Water Authority Quality Manager Malappuram, on the topic Issue of Water and Environment. Hamidali O, NGC District coordinator Malappuram on the topic Environment Activities in schools and Sabir P, Energy trainer spoke on the topic of Energy Conservation.



XI. NATIONAL GREEN CORPS KOZHIKODE

District Co-ordinator initiated the necessary correspondence on 31 October 2023 with Mr. Manoj Kumar C, Deputy Director of Education, Kozhikode for the approval of conducting sustainable lifestyle workshops for teachers in the district. He approved the request and this helped very much in the smooth organisation of all training camps in different locations.

To maximise the publicity for the campaign, the District Co-ordinator made an announcement in the official groups of NGC eco-clubs and personally contacted different. Eco-club coordinators. The dates for the workshops announced as 28 November (Vadakara) and 28 November (Kozhikode). Separate Google Form was prepared and asked the teachers to register to effectively organise training materials, food, certificates, travelling allowance, etc.

Vadakara– First workshop 28/11/2023

First sustainable lifestyle workshop for teachers in Kozhikode district was conducted on 28 November 2023 at DIET. 45 teachers were attended the workshop.

Dr. Abdunnassar U.K., Principal, DIET Kozhikode inaugurated the function. P. Sidharthan, District Coordinator, NGC Kozhikode presided the function. The hands-on training sessions were conducted by Midhun Venugopal, Research Scholar, KSCSTE-MBGIPS, Kozhikode (Seed ball making), Pooja Pushkaran, Research Scholar, KSCSTE-MBGIPS, Kozhikode (Mushroom Cultivation) and Satheesan K., Resource Person, Energy Management Center- Kerala (LED Bulb Making). Satheesan Kollarakkal, NGC co-cordinator, Vadakara educational district welcomed the gathering and Ramesh Babu P., Member, DIMC, NGC

Kozhikode expressed vote of thanks. Cerficitates, TA and duty certificates were distributed after the sessions and workshop concluded by singing National Anthem.

Kozhikode– Second workshop 29/11/2023

Second sustainable lifestyle workshop for teachers in Kozhikode district was conducted for on 29 November 2023 at Providence Higher Secondary School, Kozhikode. 74 teachers attended the workshop.

Sr. Minisha, HM, Providence Higher Secondary School inaugurated the function. P. Sidharthan, District Coordinator, NGC Kozhikode presided the function. The hands-on Training sessions were conducted by Midhun Venugopal, Research Scholar, KSCSTE MBGIPS, Kozhikode (Seed ball making), Pooja Pushkaran, Research Scholar, KSCSTE MBGIPS, Kozhikode (Mushroom Cultivation) and Satheesan K., Resource Person, Energy Management Centre - Kerala (LED Bulb Making). Certificates were distributed by M.A. Johnson, Member, DIMC, NGC Kozhikode. Leena Zacharias, NGC school co-cordinator, Providence Higher Secondary School welcomed the gathering and Ramesh Babu.P, Member, DIMC, NGC Kozhikode expressed vote of thanks. Certificates, TA and duty certificates were distributed after the sessions and workshop concluded by singing National Anthem.



XII. NATIONAL GREEN CORPS WAYANAD

MSSRF Training programme

Kerala State Council for Science and Technology Environment & Wayanad District Organised Sustainable Life style workshop for teachers in charge of Ecoclubs of UP, High School and Higher Secondary School at at M.S Swaminathan Research Foundation, Puthoorvayal on 14th December 2023. The workshop was inaugurated by Padma Shri Cheruvayal Raman in the meeting presided by Dr. V. Shakeela, Director, M.S. Swaminathan Research Institute. National Green Corps District Coordinator C. Jayarajan, Sunilkumar, Shajan Sebastian, Sudhamani. VT, Pramila, KM. T. Asokan and MK Bineesh spoke on the occasion. NGC Malaparam District Coordinator Hamidali Vazhakad & Swaminathan Research Station Scientist PS Dhanya took the classes. A homage meeting to the Honorable Agricultural Scientist, Dr. M.S. Swanminathan was also organised as part of the workshop. 150 Teachers participated in the training programme.



XIII. NATIONAL GREEN CORPS KANNUR

Science Park Kannur

The First teacher training programme of Kannur District was conducted on 27/11/23 at Science Park, Kannur. 70 teachers and 4 resources participated in the workshop. Sri T .P Padmanabhan inaugurated the function with the class about NGC and its function and the role of teachers and students. He clearly described about now a day's environment issues like climate change, global warming and its effects. Then discussed the practical solutions. The second class started at 11.30. In this class clearly discussed the importance of bird and service of birds in the ecosystem .Identification technic and environmental issues also discussed Next session was soap making training. Sri Pradeep Kumar clearly described the process of making soap. Also use the kit to train the soap making technic. Within one hour soap making completed. Some teachers also participate during the class. He also discussed the history of soap. After the evaluation of workshop by participants and distribution of certificate todays programme complete.

GVHSS Chirakkara, Thalassery.

Teacher training programme of Kannur District was conducted on 28/11/23. 31 teachers and 4 resources participated in the workshop. Same process done this workshop also. Resource person of soap making training was N K Prasad



XIV. NATIONAL GREEN CORPS KASARGOD

Kasargod educational district and Kanhangad educational district

Kasargod educational district was conducted on 21.11.2023 at Uduma Gramapanchayath Community hall. Kanhangad educational district was conducted on 22.11.2023 at Mahakavi P Smaraka Mandiram at GVHSS Hosdurg. Training at

Kasaragod was inaugurated by Sri. T P Padmanabhan (Director SEEK) and Kanhangad was inaugurated by Smt. Baladevi K A S (DEO Kanhangad).Total number of participants 136.

Sessions included role of NGC in Environmental conservation, mushroom cultivation demonstration and class on organic farming, energy conservation, waste management, threads of invasive plants on biodiversity etc and were handled by Sri. T P Padmanabhan, Raju Kidoor, Anand Pekkadam, T V Hariharan, K Mukundan. T.Thankamani. Valsala Bhaskaran etc. Teachers shared their experience in conservation activities and we got a very good feedback on training.



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REPORT ON SUSTAINABLE LIFE STYLE WORKSHOP FOR NATIONAL GREEN CORPS ECOCLUB STUDENTS

A Programme of



**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE
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GOVERNMENT OF INDIA**

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**Kerala State Council for Science, Technology and Environment,
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Contents	Page No
National Green Corps Trivandrum	
1. <i>Trivandrum Educational District.</i>	25
2. <i>Attingal Educational District</i>	
National Green Corps Kollam District	
3. <i>Kottarakkara Educational District</i>	26
4. <i>Kollam Educational District.</i>	
National Green Corps – Pathanamthitta	
5. <i>Thiruvalla Educational District</i>	27
6. <i>Pathanamthitta Educational District</i>	
National Green Corps – Alappuzha	
7. <i>Mavelikkara Educational District</i>	29
8. <i>Alappuzha Educational District</i>	
National Green Corps Kottayam	
9. <i>Kottayam Educational District:</i>	21
10. <i>Kanjirapally Educational District:</i>	
National Green Corps Idukki	
11. <i>Thodupuzha Educational District</i>	32
12. <i>Kattappana Education District</i>	
National Green Corps Ernakulam	
13. <i>Ernakulam Educational District</i>	33
14. <i>Aluva Educational District</i>	
National Green Corps Thrissur	
15. <i>Thrissur Educational District</i>	34
16. <i>Irinjalakkuda Educational District</i>	
National Green Corps Palakkad	
17. <i>Palakkad Educational District</i>	35
18. <i>Mannarkkad Educational District</i>	
National Green Corps Malappuram	
19. <i>Tirur Educational District</i>	36
20. <i>Malappuram Educational District</i>	
National Green Corps Kozhikode	
21. <i>Kozhikode Educational District</i>	38
22. <i>Vadakara Educational District</i>	
National Green Corps Wayanad	
23. <i>MSSRF Training Programme 1</i>	40
24. <i>MSSRF Training Programme 2</i>	
National Green Corps Kannur	
25. <i>Teachers Workshop Science Park Kannur</i>	41
26. <i>BRC Hall Thalassery</i>	
National Green Corps Kasargod	
27. <i>Kanhangad Educational District</i>	42
28. <i>Kasargod Educational District</i>	

SUSTAINABLE LIFE STYLE WORKSHOP FOR NATIONAL GREEN CORPS ECOCLUB STUDENTS

Kerala State Council for Science, Technology under Environment, under Environment Education Programme (EEP Kerala), the revamped programme of National Green Corps funded by MoEF & CC organised Sustainable Life style workshop for Students in charge of ecoclubs in the State. One day Training programmes on Mission LiFE organised in educational district wise in all districts. The training programmes were organised by KSCSTE in association with the District Implementation & Monitoring Committee of NGC.

KSCSTE organised 28 training programmes starting from November 2023 to March 2024 in the various educational districts. 2500 students from various schools participated in the programme. Technical sessions on various LiFE topics were handled by the eminent resource persons in the field.

Hands on training to students on the following topics were given

- Tissue culture
- Waste management techniques
- Plantation methods
- Mushroom cultivation
- Water quality analysis
- Paper bag making
- Recycling of old clothes
- Led bulb making workshops
- Making seed balls
- Identification of medicinal plants
- Identification of butterflies
- Bird watching
- Awareness programme on Millet Revolution
- Wild life protection
- Conservation of sea turtles
- Traditional knowledge transfer etc.

Minimum two topics were covered during each training programme. Certificates were given to the teachers who had successfully attended the training workshop.

1. NATIONAL GREEN CORPS TRIVANDRUM

DIMC Trivandrum in association with Department of General education organised one-day workshop for Eco Club School students of the district during December and January. More than 300 students participated in the workshop held in two educational districts. The aim was to effectively implement student empowerment in environmental activities. The training was conducted in such a way as to provide practical training on various subjects to help the students gain knowledge about environmental activities.

19.12.2023 - City School, P.M.G

04.01.2024 - St. John's Model School Nalanchira

05.01.2024 - Chinmaya School, Attukal

20.01.2024 - SMV. School, Overbridge

Discussion:

A detailed discussion was held as part of the student training program and an outline was presented regarding the environmental activities that can be implemented in schools during 2024. School Eco Club convener and student representatives held a discussion about this District Coordinator Binny Sahiti was the moderator. Teacher's Workshop of Thiruvananthapuram Education District was inaugurated by DD Thangamani Teacher.

Sessions:

The class was held in 4 sessions

- Jyoti and Athira of Mitra Niketan Krishi Vijjana Kendra, Millet Mission Kerala District Coordinator Sasidharan Pillai and Jyoti Lakshmi led the workshop.
- Seed Bank: Scout Commissioner Shri Satish Kumar inaugurated the district level seed bank as part of the programme.
- Dust bin from newspaper: Mrs. Asha taught the methods of making dust bin using old newspaper, pen stand, temple mat etc.
- LED Bulb making workshop: A workshop was held at St. John's School, Nalanchira and Chinmaya Vidyalaya Attukal for making filament-free bulbs.





2. NATIONAL GREEN CORPS KOLLAM

Under the leadership of National Green Corps Kollam District, a one-day workshop was organized for Eco Club school children of Kollam and Kottarakkara educational district on 17th and 18th January, 2024.

1) *Kollam Educational District*

Date: 17.01.2024

Venue: Nitya Sahay Mata Girls High School, Kottiyam

The inaugural session commenced at 10:00 a.m., with Mr. Sajeev TK, a member of the State School Resource Group, presiding over the meeting. The inauguration was conducted by Mr. Shanthakumar BS, the Headmaster of Muttara School and a member of the Science Department State Resource Group. The District Coordinator welcomed everyone and provided an explanation about sustainable lifestyles and the activities of the National Green Sena. Mr. KV Ramesh, the Smart Energy District Coordinator, offered his greetings, while Mr. Geoffrey George, the School Eco Club Coordinator, expressed his vote of thanks. 61 students attended the training. Mr. Santhakumar B.S., Member of the Section State Resource Group, District Coordinator Mr. S. and Reginald conducted the classes. The training program concluded at 4.00 pm.

2) *Kottarakkara Educational district*

Date: 18.01.2024

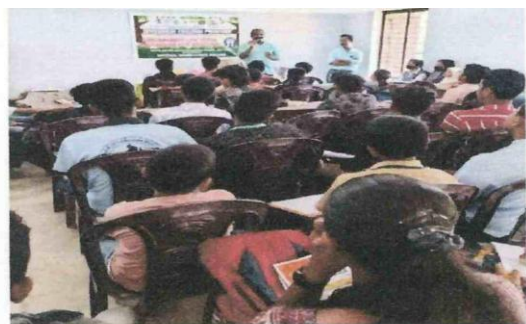
Venue: Block Resource Centre, Kottarakkara

The meeting was inaugurated by Mr. Roshin, representing the Kottarakkara Block Resource Center BPC, and presided over by Mr. KV Ramesh, the Smart Energy District Coordinator. The opening session commenced at 10:00 a.m. After welcoming the district coordinator, Mr. Roshin explained today's training topic of sustainable lifestyle and the activities of the National Green Force to the children. Mrs. Maya, the Kottarakkara BRC Trainer, greeted the attendees, while Mrs. L. Bindu, the School Eco Club Coordinator, expressed her thanks. 74 students attended the training.

Smart Energy District Coordinator Mr. KV Ramesh, State School Resource Group Member, Energy Technology Department Mr. Sajeev T.K. Kottarakkara Smart Home Electric Section Engineer Mr. Aromal, District Coordinator Mr. S. and Reginald conducted the classes. The training program was concluded around 4.15 pm.

Sessions covered

- 1) Traditional Knowledge transfer
- 2) Waste Management techniques
- 3) Eco clubs in schools and environmental activities
- 4) Making workshop of LED bulbs



ശ്രീ. ശാന്തകുമാർ ഓൺ നായിക്കുന്നു (കൊട്ടിയം)



കുട്ടികൾ LED ബൾബിന്റെ നിർമ്മിതിയിൽ (കൊട്ടിയം)



കുട്ടികൾ അധ്യാപകന്റെ സഹായത്തോടെ LED ബൾബിന്റെ നിർമ്മിതിയിൽ



3. NATIONAL GREEN CORPS PATHANAMTHITTA DISTRICT

3) Pathanamthitta Educational District

Date: 06/01/2024

Venue: Honey Valley Centre, Mekozhoor, Pathanamthitta

Total no. of Participants: 78

NGC Hands on training on Bee Keeping & Rearing was organized for the ecoclub students of Pathanamthitta Educational District on 6th January 2024. The programme was inaugurated by Smt. Jessy Vargheese , President Mylapra Panchayath in the meeting presided by Shri. Baiju V Pillai, NGC Distruict Coordinator Pathanamthitta.

Technical Sessions details

- i. Sri E V Thomas Kutty-Research Director Honey Valley Centre on what is Bee Keeping? Significance and Scope of Bee Keeping. The session gives a clear picture on Apiculture, Characteristics of Apiculture and their Ecological, Economic and Social significance.
 - ii. Sri R. Vargheese- Field Supervisor- Honey Vally Apiculture on the topic Management of Bee Hives. The session gives Knowledge of the Nature and habits of Bees, suitable location of keeping Bee hives, How to make Bee hives, Management of Bee hives during different seasons.
 - iii. Sri. Biju Mathew - Director Honey Valley Apiculture Centre, Pathanamthitta on Honey harvesting and Processing, Extraction of Honey, Sustainably, Processing of Honey, Packaging of Honey. Exclusive Sessions for Parents who have attended the sessions.
- The programme concluded at 4.30pm by the remarks of the student's representatives followed by Certificate and TA distribution. Each participant in the Workshop was given Bee veils to protect them from Bee stings.



4) Thiruvalla Educational District

Date 27/01/2024

Venue: Bodhana Social Service Society

Total no. of Participants: 76

NGC Hands on training on Hands on training on Mushroom cultivation was organized for the ecoclub students of Thiruvalla Educational District on 27th January 2024. The programme was inaugurated by Fr. Samuel, Managing Director Bodhana in the meeting presided by Shri. Baiju V Pillai, NGC District Coordinator Pathanamthitta.

Technical Sessions details

- i. Shri Siji Mathew, Natural Resource Management Coordinator, Bodhana gave classes on the History and Significance of Mushroom. The session gives a clear picture on different types of mushroom and its Economic importance.
- ii. Smt. Sheeba Antony, Mushroom Lab Technician gave classes on Techniques of mushroom growing. The session gives hands on training for students on different methods of growing mushrooms in different substrates, how to sterilize the substrates and preparation of mushroom growing substrates.
- iii. Reena K Sara, Agmark Chemist Bodhana gave classes on techniques of germination of Quality mushroom seeds and how to improve and increase mushroom production.

After the workshop all participants were given Mushroom seeds and polythene covers for cultivation. . The programme concluded at 4.30pm by the remarks of the students followed by Certificate and T A distribution.



4. NATIONAL GREEN CORPS ALAPPUZHA

5) *Alappuzha educational district*

NGC Alappuzha organized Sustainable Life style workshops for Teachers under NGC Eco clubs 2023-24, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE) and Education department officials on 28/11/2023 at Govt. Girls HSS smart Hall, Alappuzha. 70 Eco club students from different schools participated in training.

The programme was inaugurated by Smt. Annamma PD, District Educational Officer, Alappuzha in the meeting presided by Sri. Sreekumar.H, DC, NGC, Alappuzha. Shri. Radhakrishnan, JC, NGC, Cherthala gave the welcome speech and Sri. B. Bijukumar, JC, NGC & SRG, Alappuzha gave vote of thanks.

Topics covered:

- **Smt. Annamma PD**, District Educational Officer, Alappuzha on Importance of EEP & Eco clubs,
- **Sri. Jojo TD**, Coordinator, Atree, Alappuzha on Wetland Conservation -with special reference to Vembanad Lake
- **Sri. B. Bijukumar**, JC, NGC & SRG, Alappuzha on Waste management
- **Sri. Radhakrishnan**, JC, NGC, Cherthala on Energy Conservation
- **Sri. Sreekumar.H**, DC, NGC, Alappuzha on Biodiversity and its Conservation.

After the technical sessions the students shared their Experience and TA, Certificates issued to all participants.



6) *Mavelikara educational district*

NGC Alappuzha organized Sustainable Life style workshops for students under NGC Eco clubs 2023-24, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE) and Education department officials on 30/11/2023 at Govt. Girls HSS Smart Hall, Mavelikara. Seventy (69) Eco club students from different schools participated in training.

The programme was inaugurated by Sri. Sunny P O, District Educational Officer, Mavelikara in the meeting presided by Shri. Sreekumar.H, DC, NGC, Alappuzha. Shri. R. Rajesh, JC, NGC, Mavelikara, Vana Mitra award Winner gave the welcome speech and Shri. Raphi Ramnath, Vana Mitra award Winner gave vote of thanks.

The details of the programme are as follows: -

- Sri Renjan Mathew Varghese, State Coordinator, WWF on Importance of EEP & Eco clubs
- Sri. Sreekumar.H, DC, NGC, Alappuzha & Anusree on Biodiversity
- Sri. Biju Mathew, JC, NGC, Pathanamthitta on Segregation of plastics & control of plastic pollution
- Sri. Jojo TD, Coordinator, Atree, Alappuzha on Environment & Development
- Dr. Smitha Chandran, Amrutha University on the topic Wetland Conservation. After the technical sessions the students shared their Experience and TA, Certificates issued to all participants.



5. NATIONAL GREEN CORPS KOTTAYAM

As per the directions of KSCSTE, DIMC Kottayam organised 2 Student's workshops in Kottayam District.

7) *Kanjirappally Educational District.*

NGC Kottayam organized Sustainable Life style workshops for students under NGC Eco clubs 2023-24, with the support of Kerala State Council for Science, Technology and Environment (KSCSTE) and Education department officials on 01.01.2024 at MGM Auditorium, Elikkulam of Kanjirappally Educational District. District Educational officer Mr. Rakesh KAS, DEC), Kanjirappally inaugurated the programme at 10 a.m. Sri. Prem Nath, Retired Assist. Engineer, Vaikom and Shri. Easo trained the Assembling techniques of LED Bulbs. Students assembled the Bulbs successfully. In the afternoon Sri. Hari Palazhy, Retired work experience Instructor trained the students the manufacturing techniques of paper pens and then paper bags. 50 students from Kanjirappally Educational District participated.

8) *Kottayam Educational District*

NGC Kottayam organized Sustainable Life style workshops for students under NGC Eco clubs 2023-24 of Kottayam Educational District on 28.12.2023 at MGM Auditorium at St. Mary's ITI, Manarcad, Kottayam. Shri. Reji M Jacob, Member, District Panchayat, Kottayam inaugurated the training programme. Smt. Seena M, Electrical Instructor,

VHSS, Puthuppally trained the assembling techniques of LED bulbs. Students assembled the bulbs successfully. In the afternoon Sri. Hari palazhi, Rtd. Work experience Teacher trained the students the manufacturing techniques of paper pens and paper bags. 41 Students from Kottayam Educational district participated

6. NATIONAL GREEN CORPS IDUKKI

DIMC Idukki organised two training programmes at Kattappana and Thodupuzha Educational Districts on 6th December 2023 and 25th January 2024. This training programme revealed that the students training are an inevitable factor in the Eco Club activities. NGC Eco club students have been given proper awareness for the future activities of Eco Club.

9) Kattappana Educational district

The first workshop was conducted at CEC Hall Vellayamkudy in Kattappana Educational District on 25th January 2024. 80 students took part in the workshop and five teachers from this area.

10) Thodupuzha Educational district

The second Workshop was conducted at APJAK GHSS Hall Thodupuzha on 6th December 2023. There were about 55 persons including 46 students of different schools of Thodupuzha education District. The workshop was inaugurated by the Deputy Director of Education Smt. Vijaya Pulayat.

Topics Covered:

- NGC Eco clubs
- Importance of environment
- Waste Management in schools and houses.
- Modern lifestyle issues.
- Paper and cloth bag making



Two resource persons introduced the topics and the district coordinator handled two topics. Smt. Jessy Sunny the RP of Idukki district, Sri Byju Varghese environmentalist, Sri. Binson Joseph from GTHSS Kattappana was the resource persons.

Group Discussion and Activity

The students were given time to discuss about their own ecological issues and probable solutions from their side. The students were taught to make paper bags. Hands on training given to make different types of bags in different shapes, quality and size from Newspaper, chart paper, waste paper etc. Even book paper can also be used for making paper bags.

7. NATIONAL GREEN CORPS ERNAKULAM

DIMC Ernakulam organised two training programmes at Aluva and Thripunithura Educational Districts on 23.02.2024 and 05.03.2024.

11) Aluva Educational District

Sustainable life style workshop at Aluva Educational district was organized at Govt. HS West Kadungallor on 05/03/2024. The programme was inaugurated by Mr. Suresh Muttathil, Grama Panchayat President of Kadungalloor. Ms. Sreeja Rajeev, Consultant, State Horticulture Mission, Kakkanad, Ernakulam District took classes on “Mushroom Cultivation”. The resource person explained about the health benefits of mushroom and its medical application. Hands on training given to the students on various methods of mushroom cultivation, preparation of seeding and bed preparation etc. Students, parents, PTA members and Teachers were attended the programme and the students were brought some packets of bed and seedlings. Certificates were distributed to the participants by the resource person.

12) Tripunithura Educational District

Second Students training programme was arranged in Thripunithura Educational district at Govt. School Pangrapilly on 23/02/2024. Arranged Motivation and Awareness classes in the topic of “How to appear Fearless Examination”. The class inaugurated by the resource person Dr. Dixon P Thomas Consulting Phycologist and Assistant Professor in Phycology B.Ed College Malecruz, Puthencruz, Kolenchery. He explained how to face a tension free examination for students; he also provided a counselling section to the participants and also included an interactive and doubt clearance session to the participants. Certificates were distributed to all the participants by the resource person.



8. NATIONAL GREEN CORPS THRISSUR

DIMC Thrissur organised two training programmes at Thrissur and Kunnamkulam Educational Districts on 25th January 2024 and 27th January 2024. This training programme revealed that the students training are an inevitable factor in the Eco Club activities. NGC Eco club students have been given proper awareness for the future activities of Eco Club.

13) Thrissur Educational District

Sustainable Life style workshop for school students of Kunnamkulam Sub district organised on 25th January 2024 at BCGHS Kunnamkulam. 75 students participated in the training programme

14) Kunnamkulam Educational District

Sustainable Life style workshop for school students of Thrissur Sub district organised on 27th January 2024 at St. Marys College Thrissur. Technical session's on Plantation Techniques and Mushroom cultivation organised. 80 students participated in the training programmes.



9. NATIONAL GREEN CORPS PALAKKAD

NGC Palakkad as part of conducting sustainable lifestyle workshop for ecoclub student coordinators organised 3 workshops. The details of the workshops as follows.

- 11.12.2023 for Student co-ordinators 55 students participated
- 7.1.2024 for Student co-ordinators 72 Students participated
- 12.2.2024 for Student co-ordinators 56 Students participated

A Total of 271 Teachers/students participated from these 5 workshops. 4 workshops conducted in Palakkad Moens girls' high school. One workshop at Aashrayam Rural Development society, Kollengod (NGO of District Implementation committee) Made necessary arrangements as a service to Ecoclub supporting programs.



Sri PV Manojkumar, Deputy Director of Education, Palakkad district inaugurated and honoured the teachers, schools, and Ecoclub students who took initiative to work for a better environment.

Hands on training on preparation of eco-enzyme

Preparation of Eco enzyme in households by using unused or garbage of vegetables and fruits. Stage by stage preparation, uses like cleaning solution, plant growth promoter, and other benefits to keep a clean environment. Photograph of Workshop at Aashrayam given below.



2. Toxic-free bathing Soap making

Preparation of eco-friendly Bath soap in houses as well in industry was taught. How the best soap with maximum TFM can be prepared, how it is minimizing harm to the environment as well as the economy was taught. With minimum resources how best soap can be made is also taught. Teachers and students eagerly participated in soap making process.



3. Plant grafting, budding, layering training. This was another best activity in which Teachers and students participated with utmost care in handling the plant and the grafting process. How plants can be protected and propagated with special reference to rare and endangered species.



At the end of each workshop, the products made by the participants are distributed among the participants.

10. NATIONAL GREEN CORPS MALAPURAM

As part of the Environment Education Programme, a mushroom cultivation training program was conducted for selected members of the National Green Force to cultivate agricultural awareness among children. Eighty-eight students, twenty teachers, and parents from various schools in the district participated in the program held as part of the Sustainable Lifestyle Students Program. All participating students were provided with free mushroom seeds for cultivation.

17. Vazhakkad Sub district

Koon Gram Director Sanub, who owns a modern mushroom cultivation lab and training center, led the training. Agriculture Officer Raihanath inaugurated the program held at the Wazhakad Service Co-operative Bank Auditorium. Abul Bari TK, Chandran Mundumuzhi, and Green Sena Coordinator Hamidali provided leadership.



18. Areekode Sub district

A one-day training camp was conducted for the Ecoclun children in Malappuram district as part of the environmental education program under the auspices of the Union Ministry of Environment, Forests, and the Kerala Science and Technology Council. The aim of the training was to introduce the children to concepts such as recycling, upcycling, and waste management systems, helping them re use the unused items such as clothes and papers.

Areekode Subdistrict Education Officer Musa Kutty inaugurated the program held at Areekode Sullamusalam College. Principal Prof. Arif Zainuddin and Dr. CH Abdul Ghafoor also spoke. National Green Corps Malappuram District Coordinator Hamidali Vazhakad, Sinwana, and Sharifa A.M led the way.



19. Malappuram Educational district

The National Green Corps organized a bird-watching camp for the students of Malappuram. A nature study trip and bird-watching program were organized at Ponnani Beach and the Bharathapuzha estuary in Malappuram district under the leadership of prominent bird watchers. It was a novel experience for the children to observe various types of birds up close and enjoy their sounds in this naturally beautiful area.

The children were able to observe different species of birds such as seagulls, bee-eaters, and lesser peccary terns in the area. They found it very interesting and informative. About fifty people, including students and teachers from MES Ponnani, AVHSS Ponnani, MIHS Ponnani, Navamukunda Higher Secondary School Tirunavaya, and Nilambur Crescent School, participated in this camp. They also visited parts of the nearby mangrove forest.



11. NATIONAL GREEN CORPS KOZHIKODE

20. Kozhikode Educational District

Training 26/11/2023 – First workshop – Kozhikode First sustainable lifestyle workshop for students in Kozhikode district was conducted on 26 November 2023 at GVHSS Cheruvannur. 68 students were attended the workshop. M.A. Johnson, Member, DIMC, NGC Kozhikode inaugurated the function. P. Sidharthan, District Coordinator, NGC Kozhikode presided the function. Dhanya P., NGC school co-ordinator, GVHSS Cheruvannur VHSE section welcomed the gathering and Ramesh Babu P., Member, DIMC, NGC Kozhikode expressed vote of thanks.

The hands-on training sessions were conducted by

- Midhun Venugopal, Research Scholar, KSCSTE-MBGIPS, Kozhikode on Seed ball making
- Pooja Pushkaran, Research Scholar, KSCSTE-MBGIPS, Kozhikode on Mushroom Cultivation
- Satheesan K., Resource Person, Energy Management Center Kerala on LED Bulb Making

Cerficates and TA were distributed after the sessions and workshop concluded by the National Anthem.



21. Vatakara Educational District

Kozhikode DIMC organised second sustainable lifestyle workshop for students in Kozhikode district on 28 November 2023 at DIET Hall, Vatakara. 78 students were attended the workshop. Dr. Abdunnassar U.K., Principal, DIET Kozhikode inaugurated the function. P. Sidharthan, District Coordinator, NGC Kozhikode presided the function. Satheesan Kollarakkal, NGC co-cordinator, Vadakara educational district welcomed the gathering and Ramesh Babu P., Member, DIMC, NGC Kozhikode expressed vote of thanks.

The hands-on training sessions were conducted by

- Midhun Venugopal, Research Scholar, KSCSTE-MBGIPS, Kozhikode on Seed ball making
 - Pooja Pushkaran, Research Scholar, KSCSTE-MBGIPS, Kozhikode on Mushroom Cultivation
 - Satheesan K., Resource Person, Energy Management Center Kerala on LED Bulb Making
- Certificates and TA were distributed after the sessions and workshop concluded by the National Anthem.



12. NATIONAL GREEN CORPS WAYANAD

22. Wayanad 1

DIMC Wayanad organised Sustainable lifestyle workshop for ecoclub students of UP, High School, and Higher Secondary levels in the district on November 24, 2023, at the MS Swaminathan Research Station in Puthurvayal, Kalpetta. Dr. V Shakeela, the Director of the Research Institute, inaugurated the event. Senior Scientist Joseph John presided over the ceremony. Headmistress Alice George from CMS Arapatta, Headmistress Sini D from Pallikunn Lourdmata Higher Secondary School, National Green Corps Wayanad District Coordinator C. Jayarajan, and Teacher PV Shana delivered speeches. P. Asya from the Research Station provided training to the children in mushroom cultivation, while Joseph John conducted a theory class. Certificates and free mushroom seeds were distributed to the participants.

23. Wayanad 2

The second batch workshop took place on January 11, 2024, at the MS Swaminathan Research Station in Kalpetta, Puthurvayal. Chief Scientist Shri. P. Manilal from the Mysore Central Food Technological Research Institute inaugurated the event. Senior Scientist Joseph John once again presided over the session. Scientist Binesh MK from the Research Center, National Green Sena District Coordinator C. Jayarajan, and Teacher S. Mini delivered speeches. Practical training in mushroom cultivation was provided by P. Asya Koon, and Joseph John conducted the theory class. Free mushroom seeds were distributed to the children.

13. NATIONAL GREEN CORPS KANNUR

DIMC Kannur organised Sustainable lifestyle workshop for ecoclub students of Kannur on 03.02.2024 at Science Park Kannur. Two workshops were conducted same day as two batches. A total of 90 students and 30 teachers attended the classes.

Training topics covered:

- NGC eco club and its function, Activity level programmes, environmental issues and role of eco clubs
- Training on Soap making
- Training on LED Bulb making and repairing

90 students and 30 escorting teachers participated in the workshop. First session was a general class about National Green Corps and Environment Education Programme by Sri T.P Padmanabhan, Direct SEEK & formed NGC Coordinator. He clearly describes the functioning of eco club in the school.

After the first session the students formed two groups and started the training. One group practiced the soap making and same time other group LED Bulb making. Afternoon session changed the batch. All the students got an idea about making soap and led bulbs. Some students successfully made bulbs.



14. NATIONAL GREEN CORPS KASARGOD

DIMC Kasargod organised two Sustainable lifestyle workshops for ecoclub students on 24.11.2023 and 25.11.2023 at Kanhangad and Kasargod Educational district.

Kasargod Educational district

Date: 24.11.2023

Venue: Uduma Grama Panchayath

Kanhangad Education district

Date: 25.11.2023

Venue: Mahakavi P Smaraka Mandiram, Kanhangad

Total number of participants 123

In the morning session they were taken to field visit to explore, Barathodu, Vannarath Kavu, premises of Nithyananda Ashram for birding and to understand the biodiversity of the area. Afternoon they had sessions like Water Conservation, Energy Conservation, invasive plants etc. The resource persons were Anand Pekkadam, T V Hariharan, V Padmanabhan, N.V Sathyan and P Anilkumar. Hands on training on Mushroom Cultivation were also given to the participants



ENVIRONMENT EDUCATION PROGRAMME KERALA

SUSTAINABLE LIFE STYLE WORKSHOP FOR ECOCLUB STUDENTS AT R&D INSITUTES

Report 2023-24

A Programme of



**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE
GOVERNMENT OF INDIA**

Submitted By



**Kerala State Council for Science, Technology and Environment,
Sasthra Bhavan, Pattom,
Thiruvananthapuram, 695004**

Hands-on- Training Report 1

SARASWATHY THANGAVELU EXTENSION CENTRE KSCSTE- JAWAHARLAL NEHRU TROPICAL BOTANIC GARDEN AND RESEARCH INSTITUTE, Puthenthope, Thiruvananthapuram -695586

1.	Title	:	Hands-on Training on Cultivation, Hybridization and Value Addition Practice in Orchids
2.	Venue	:	Saraswathy Thangavelu Extension Centre, KSCSTE-Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Puthenthope, Thiruvananthapuram - 695586
3.	Coordinator	:	Dr. Sreekumar, S Principal Scientist & Head, Biotechnology & Bioinformatics Division, KSCSTE-JNTBGRI, Palode, Thiruvananthapuram -695586
4.	Co-coordinator	:	Dr. C. K. Biju Principal Scientist Biotechnology & Bioinformatics Division Saraswathy Thangavelu Extension Centre Puthenthope, Thiruvananthapuram 695586
5.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.379/2023/KSCSTE dated 15-12-2023
6.	Total expenditure	:	Rs. 99, 997 (Ninety nine thousand nine hundred and ninety seven only)
7.	Objectives	:	To generate an awareness among the school children about orchids and impart practical knowledge on its cultivation practices.
8.	Course Contents	:	Orchids an overview, different methods of orchid cultivation practice, method of hybridization, preparation of value added products
9.	Methodology	:	Lectures, demonstrations, hands on training
10.	Details of participants		
	Date	Name of the school	Number of participants
	11.01.2024	Chinmaya Vidyalaya, Attukal, Thiruvananthapuram	52
	16-01-2024	St. JohnS Model HSS, Nalanchira	52
	29.01.2024	Govt. Higher Secondary School for Girls, Cottonhill, Vazhuthacadu, Thiruvananthapuram	48
	06.02.2024	Govt. High School, Avanavancherry, Attingal Thiruvananthapuram	48
	Total		200
11.	Duration & time	:	One day 9.30 am to 4.00 Pm

Day 1

Date: 11th January 2024

Participating Institution: Chinmaya Vidyalaya, Attukal, Thiruvananthapuram

The inaugural training session of the Orchid Cultivation Training Program was held on 11th January 2024 at the Saraswathy Thangavelu Extension Centre, KSCSTE-JNTBGRI, Puthenthope, Thiruvananthapuram.

Inaugural Ceremony:

Dr. Sreekumar S, Principal Scientist and Head of the Biotechnology and Bioinformatics Division at JNTBGRI, inaugurated the training program.

Dr. C. K. Biju, also a Principal Scientist from the Biotechnology and Bioinformatics Division, delivered insights into the relevance and objectives of the training program. The welcoming address was presented by Miss Amina and the vote of thanks was extended by Miss Manjima, both Junior Project Fellows (JPF) from the Biotechnology and Bioinformatics Division.

Training Sessions:

Topic: Hands-on Training on Orchids

Mode: Interactive lecture with emphasis on orchid's vegetative and physiological adaptations, market potential, and cultivation relevance in Kerala.

Resource Persons: Dr. Sreekumar S, Principal Scientist; Dr. C. K. Biju, Principal Scientist; Amina Beevi N, JPF; Manjima M, JPF; Lekshmi K UGC-JRF; , Remya R, CSIR-SRF and Ashok Kumar, Gardener

Hands-on training Topics Covered:

- Commercial cultivation field establishment of monopodial orchids and nursery management of sympodial orchids
- Hybridisation techniques in orchids
- Field cultivation practices in monopodial orchids
- Field cultivation practices in sympodial orchids
- Floral arrangement
- Microscopic observation of floral parts and seeds

These hands-on sessions facilitated active participation and practical learning, enabling students to gain firsthand experience in various aspects of orchid cultivation and management.

The first day of the Orchid Cultivation Training Program at Chinmaya Vidyalaya, Attukal, Thiruvananthapuram, concluded successfully, imparting valuable insights and

skills to participating students. The program's holistic approach, combining theoretical knowledge with practical training, promises to equip students with the necessary tools to excel in the field of orchid cultivation and contribute to its growth and development in Kerala and beyond. Following the conclusion of the training program, the resource persons visited Chinmaya Vidyalaya, Attukal, Thiruvananthapuram, to distribute certificates to the participants



Date: January 16th, 2024
Participating Institution: St. Johns Model HSS, Nalanchira, Thiruvananthapuram



Date: January 29th, 2024
Participating Institution: Government Higher Secondary School for Girls, Cotton Hill, Vazhuthacadu, Thiruvananthapuram



Date: February 2nd, 2024

**Participating Institution: Government High School, Avanavancherry,
Attingal, Thiruvananthapuram**





Hands-on- Training Report 2
KSCSTE - CENTRE FOR WATER RESOURCES DEVELOPMENT AND
MANAGEMENT
Kunnamangalam, Kozhikode-673571

1.	Title	:	Sustainable life style workshop for Students under National Green Crops
2.	Venue	:	KSCSTE - Centre for Water Resources Development And Management Kunnamangalam, Kozhikode-673571
3.	Coordinator	:	Dr. Chithra V S, Scientist B, Ecology & Environment Research Group, CWRDM, Kozhikode
4.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.379/2023/KSCSTE dated 15-12- 2023
5.	Total expenditure	:	Rs. 99, 997 (Ninety nine thousand nine hundred and ninety seven only)
6.	Objectives	:	The proposed project aims to give hands-on training and awareness among school children on different topics like Water quality analysis, Plant tissue culture techniques, Mushroom cultivation etc
7.	Course Contents	:	Hands on training on Water quality analysis, Plant tissue culture techniques, Mushroom cultivation
8.	Methodology	:	Lectures, demonstrations, hands on training
9.	Details of training		
	Date	Venue	Topics
	17-01-2024	CWRDM HQ, Kozhikode	Water quality analysis
	18-01-2024	CWRDM HQ, Kozhikode	Plant tissue culture techniques
	19-01-2024	CWRDM HQ, Kozhikode	Mushroom cultivation
	24-01-2024	CWRDM Sub Centre, Neyyattinkara, Thiruvananthapuram	Water quality analysis
	Total number of participants		200
10.	Duration & time	:	One day 9.30 am to 4.00 pm
11.	Subject Area	:	Water quality analysis, Plant tissue culture techniques, Mushroom cultivation

Details of the Programme

1. Background

The National Green Corps (NGC) Programme is being implemented all over the country since 2001-02, with underlined objective of spreading environmental awareness amongst school children. This goal is furthered by establishment of eco-clubs in each district the country over, with the focus on action-oriented environment programme through the active involvement of the students. Apart from stimulating awareness among the school children through physical programme of activities about the environmental conservation and protection issues, the programme visualizes the role of children as agents of change and for dissemination of environmental information among public at large. This programme is being implemented in each State/UT through the Nodal Agency appointed by the e State/UT Government. In Kerala, Kerala Sate Council for Science, Technology and Environment (KSCSTE) is the Nodal agency for implementing NGC activities. As part of NGC Eco club programme, the Centre for Water Resources Development and Management has organized 4 One-day training programmes for school students (Grade 8-10) in January 2024. Hands on training are given to students on water quality analysis, plant tissue culture and mushroom cultivation.

2. Aim and Objectives

The programme aims to provide hands on training to students on water quality analysis, plant tissue culture and mushroom cultivation. It will sensitize children, on issues related to environment and to motivate them to think critically and form their habits in such a way as to live in harmony with nature. The objectives of the training programme are given below.

- Creating awareness on water quality and its deterioration
- To familiarize with the laboratory techniques used for analysis of water
- To impart basic knowledge on plant tissue culture and its techniques
- Involving in activity-based learning projects related to mushroom cultivation

3. Activities

The programme was conducted on 17th – 19th and 24th of January 2024. Out of these 4 days, training one day training on water quality analysis was conducted at the Sub Centre at Neyyattinkara, Thiruvananthapuram. The schedule of the training programme and venue is given below.

Date	Training	Venue
17-01-2024	Water quality analysis	CWRDM HQ, Kozhikode
18-01-2024	Plant tissue culture techniques	CWRDM HQ, Kozhikode
19-01-2024	Mushroom cultivation	CWRDM HQ, Kozhikode

24-01-2024	Water quality analysis	CWRDM Sub Centre, Neyyattinkara, Trivandrum
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Day 1

The first day (17th January 2024) training was conducted on water quality analysis at CWRDM Head Quarters, Calicut. About 33 students from various schools of Kozhikode district participated in the event. The program began in CWRM Auditorium at 10:30 p.m. following registration. Dr. Chithra V. S., Coordinator of the training welcomed all the participants briefed the topics to be covered and the arrangements made for the training. Er. Ambili G. K., Head (i/c) Training and Outreach Research Group presided over the function and addressed the gathering. She has given an overview of CWRM and its activities and motivated to participants to attend such skill development program to improve their skill. Dr. Beslin Joshi, Scientist B, Land and Water Management Research Group delivered the vote of thanks and thanked all the staffs for extending their support in organizing this programme. There was a tea break after the inaugural session.



The first session started at 11.15 am. Dr. Shiji M., Technical Officer of Ecology and Environment Research Group delivered a lecture on “Water Quality Analysis”. After the lunch break the students had practical session on water quality analysis at the laboratory. Ms. Digilarani M. and Ms. Sabitha Joseph described the chemical and microbiological analysis of water as well as instrumentation used for water quality testing. The programme was successfully completed as per the schedule, which was given to the participants prior to the commencement of the programme, without any changes. The participants expressed their complete satisfaction at the end.



Day 2

The training programme conducted on second day (18th January 2024) was on Plant Tissue Culture techniques. About 59 students from different schools of Kozhikode district took part in the training. After registration, the program started at 10:30 p.m. in the CWRM Auditorium. Dr. Chithra V. S., Coordinator of the training welcomed all the participants briefed the topics to be covered and the arrangements made for the training. Er. Ambili G. K., Head (i/c) Training and Outreach Research Group presided over the function and addressed the gathering. She has given an overview of CWRM and its activities and motivated to participants to attend such skill development program to improve their skill. Dr. Beslin Joshi delivered the vote of thanks and thanked all the staffs for extending their support in organizing this programme. The inaugural session ended with a tea break.



The first session started at 11.15 am. Dr. Beslin Joshi, delivered a lecture on “Plant Tissue Culture Techniques”. After the lecture, students visited a polyhouse demonstration farm set with automated irrigation system present at CWRDM campus. Following lunch, the students participated in a hands-on lab session on Plant tissue culture techniques. Ms. Digilarani M. and Ms. Vijitha gave an overview of media preparation for tissue culture as well as sterilization techniques.

Day 3

The third day (19th January 2024) training was conducted on Mushroom cultivation s at

CWRDM Head Quarters, Calicut. The program began in CWRM Auditorium at 10:30 p.m. following registration. About 64 students from various schools of Kozhikode district participated in the event. Dr. Chithra V. S., Coordinator of the training welcomed all the participants briefed the topics to be covered and the arrangements made for the training. Er. Dr. Manoj. P. Samuel presided over the function and addressed the gathering. He has given an He has provided an outline of the CWRM's research endeavors and emphasized the importance of student's involvement in environmental conservation and protection activities. Dr. Beslin Joshi delivered the vote of thanks and thanked all the staffs for extending their support in organizing this programme. There was a tea break after the inaugural session.



The first session started at 11.15 am. Dr. Beslin Joshi delivered a lecture different types and mushroom and its cultivation techniques. After the lunch break the students had practical session on bed preparation for mushroom cultivation.



The program was completed effectively, following the time schedule that was given to the participants prior to the commencement of the program. The participants conveyed their complete satisfaction at the end. The NGC coordinator of Kozhikode District Mr. Sidharathan addressed the gathering and expressed his gratitude to CWRDM for organizing such training programs.

Day 4

The last day of training course (24.01.2024) was started with an inaugural session at 10 am at CWRDM, Subcentre, Neyyattinkara. Dr. Manoj. P. Samuel. Executive Director, CWRDM had inaugurated the programme in online platform. He emphasized on the significance of student's role in protection of environment specifically about water quality. Dr. Dipu. S, Scientist & Head welcomed the session. Dr. Sruthi K.V., course coordinator described the overall view of course programme to the participants. Ms. Smitha JS, Administrative Assistant, delivered formal vote of thanks.



After the inaugural session, the lectures were delivered by Dr. Dipu. S on Water quality analysis and parameters. There were 51 participants from different schools in Trivandrum. He had interacted with the participants and introduced each other. Mr. Prashant. S delivered lecture on Instrumentations available at CWRDM – subcentre laboratory.

Later, participants visited the laboratory. Dr. Sruthi.K.V, Mr. Mridul, Ms. Geethu Suasn and Ms. Anjali Ramesan described the chemical and microbiological analysis as well as instrumentation practical. The session went till 1 pm.



In the afternoon session, water sample collection was performed for tap water and well water sampling. Sample collection was practiced by each of the participants in the field. Water samples were marked and brought to the lab in the prescribed procedure for the analysis. The analysis of the samples was shown (pH, Electrical Conductivity, Alkalinity, and Total Coliform) and interpretation was also explained. A question-and-answer session

was performed in the end to understand the gained knowledge on water quality analysis by the participants. It was clear that participants were well aware about the water quality analysis and importance whichever described during the lectures. The session was concluded with feedback from the participants and NGC coordinator teachers.

Outcome

The outcomes of the proposed training programme were

- Children gained knowledge about water quality issues and the importance of keeping water resources uncontaminated.
- Children's exposure to plant tissue culture technologies will motivate their research or entrepreneurial skill towards crop improvement and conservation.
- Children trained towards mushroom cultivation will be encouraged to produce protein rich foods using agricultural waste as input thereby learn waste recycling.

Finally, through this training, children can adopt a sustainable lifestyle re-structuring their day- to-day activities in such a way as to not burden the Earth's natural resources but supplement the efforts towards conservation and protection of the environment.

Hands-on- Training Report 3
Sophisticated Test and Instrumentation Centre (STIC),
Cochin University of Science and Technology (CUSAT)

1.	Title	:	Kerala Sustainable Lifestyle Workshop: Enhancing Environmental Education through Water Quality Analysis Workshops
2.	Venue	:	Sophisticated Test and Instrumentation Centre (STIC), Cochin University of Science and Technology (CUSAT)
3.	Coordinator	:	Dr. M Gopalakrishna Pillai, Director, STIC
4.	Co-coordinator	:	Dr. Shibu M Eappen, Program Coordinator, Scientist, STIC
5.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.364/2023/KSCSTE dated 06-12-2023
6.	Total expenditure	:	Rs. 1,00,000/-
7.	Objectives	:	The primary objective of the program was to conduct hands-on training sessions on water quality analysis for high school students in Kerala. The initiative aimed to empower 200 students through a series of four one-day programs, each catering to 50 students.
8.	Course Contents	:	Hands on training on water quality analysis, water sample collection, monitoring water quality parameters, and demonstration and interpretation of results were taught in the sessions.
9.	Methodology	:	Lectures, demonstrations, hands on training
10.	Details of participants		
11.	Date	Name of the school	Number of participants
	03.01.2024	St. Josephs EM HSS School Thrikkakkara, GHSS Aluva, Govt THSS Mulanthuruthi, Govt. HSS Maneed, St. Josephs HSS Thiruvananthapuram, FMCTHSS Karumalloor, HSS of Jesus, Kothad, Kochi.	50
	04-01-2024	Bhavans Varuna School Thrikkakkara, Bhavans Adarsha School Kakkanadu.	64
	05.01.2024	Govt. Tamil School Chalai Thiruvanthapuram, GHSS Edappally, Kochi St. Josephs EM HSS School Thrikkakkara.	58
	06.02.2024	St. Josephs EM HSS School Thrikkakkara,	38

		TDHSS Thuravur, GHSS Kottayam Malabar, Kannur Rajagiri St Chavara CMI Public School Manappuram	
		Total	210
12.	Duration & time	:	One day 9.30 am to 4.00 Pm

Details of the programme

Date: January 03-06, 2024

Venue: STIC Auditorium and Water Testing Lab at STIC, CUSAT

Objective:

The primary objective of the program was to conduct hands-on training sessions on water quality analysis for high school students in Kerala. The initiative aimed to empower 200 students through a series of four one-day programs, each catering to 50 students.

Program Structure:

The program comprised four one-day workshops, each accommodating 50 high school students. The workshops covered the following topics each day:

- Introduction to Water Quality Analysis
- Basics of water quality parameters
- Importance of monitoring water quality
- Understanding the environmental impact of water pollution
- Environmental Impact and Sustainable Practices
- Promoting sustainable lifestyle choices to mitigate water pollution
- Proper techniques for water sample collection
- Importance of representative sampling
- Laboratory Analysis Techniques
- Demonstration and hands-on practice of water quality testing methods
- Interpretation of test results

Selection of Participants:

Collaborated with schools across Kerala to identify interested students. The response from students was overwhelming.

Participant Details:

January 03: 50 students from

- St. Josephs EM HSS School Thrikkakkara,
- GHSS Aluva,
- Govt THSS Mulanthuruthi,
- Govt. HSS Maneed,
- St. Josephs HSS Thiruvananthapuram,
- FMCTHSS Karumalloor,
- HSS of Jesus, Kothad, Kochi.

January 04: 64 students from

- Bhavans Varuna School Thrikkakkara,
- Bhavans Adarsha School Kakkanadu.

January 05: 58 students from

- Govt. Tamil School Chalai Thiruvanthapuram,
- GHSS Edappally, Kochi
- St. Josephs EM HSS School Thrikkakkara.

January 06: 38 students from

- St. Josephs EM HSS School Thrikkakkara,
- TDHSS Thuravur, GHSS Kottayam Malabar, Kannur ,
- Rajagiri St Chavara CMI Public School Manappuram.

A total of 210 students participated in the program

Resource Persons and Experts:

Dr. Shaiju P, Director CSiS, CUSAT, and Dr. Ratheesh Krishnan A S, Assistant Prof. School of Environmental Sciences CUSAT, along with experts from STIC, handled the classes and laboratory sessions.

Materials and Equipment:

Necessary laboratory equipment and materials were procured for practical sessions. Participants were provided with workbooks and educational materials.

Evaluation and Certification:

Certificates of participation were distributed to all attendees.

Feedback:

The feedback from students indicates the success of the program, with participants expressing enlightenment and increased awareness. The positive response highlights the effectiveness of the training in achieving its objectives.

Conclusion:

The Training Program on Water Quality Analysis for Higher Secondary School Students, organized by STIC at CUSAT campus and sponsored by KSCSTE under MoEF & CC - EEP, was a resounding success. The enthusiastic participation and positive feedback reflect the program's impact in imparting practical knowledge, raising awareness, and encouraging active participation in environmental conservation among the students.

Photographs and feedback, a model of the certificate and the brochure of the program are attached for reference





Hands-on- Training Report 4

Kerala Forest Research Institute , Peechi)

1.	Title	:	Rooting for a Sustainable Future: Empowering Students for Effective Waste Management and Conservation
2.	Venue	:	KSCSTE- Kerala Forest Research Institute , Peechi
3.	Coordinator	:	Dr. A.V Raghu, Principal Scientist, Extension and Training Division, KFRI
4.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.380/2023/KSCSTE dated 15-12-2023
5.	Total expenditure	:	Rs. 95,000/-
6.	Objectives	:	The primary objective of the program to give hands-on training on waste management and proper disposal, plantation management etc school students in Kerala.
7.	Course Contents	:	Hands on training and awareness programme for school children on waste management and conservation. Biodiversity Conservation, Hands on Training on Garbology etc
8.	Methodology	:	Lectures, demonstrations, hands on training
9.	Details of participants		
10.	Date	Venue	Topic
	31.01.2024	KFRI- Sub Centre, Nilambur	Effective Waste Management and Conservation Hands On Training On Garbology
	01-02-2024	KFRI- Sub Centre, Nilambur	Hands On Training On Garbology Biodiversity Conservation
	02.02.2024	KFRI- Sub Centre, Nilambur	Hands On Training On Garbology Biodiversity Conservation
	13.02.2024	KFRI Peechi	The culture of waste-a forgotten legacy
11.	Duration & time	:	One day 9.30 am to 4.00 Pm

Details of the programme

Kerala Forest Research Institute conducted a 4 - One Day Hands on Trainings on “Rooting for a Sustainable Future: Empowering Students for Effective Waste Management and Conservation” on 31-01-2024 to 02-02-2024 at KFRI- Sub – centre, Nilambur and 13-02-2024 at Kerala Forest research Institute. The programme was conducted with the financial aid of the Ministry of Environment Forests and Climate Change under Environment Education Programme and Organised by EEP-Kerala National Green Corps & Kerala State Council for Science, Technology and Environment. In four

one-day hands on training, total of 236 school children and 60 teachers participated in this program.

31-01-2024

The first hands on training programme was conducted at KFRI- Sub – centre, Nilambur. The programme was inaugurated by Sri. P. Praveen, DFO, Nilambur South and wildlife warden, Karimpuzha wildlife sanctuary. During his inaugural address, he emphasized the importance of such programmes to inculcate scientific literacy among the youth as they have a major role in protecting and maintaining our environment. Dr. G.E Mallikarjuna Swamy, gave the welcome address and Dr. A.V Raghu proposed the course briefing & vote of thanks.

In the first session after the inauguration, Dr. A.V Raghu, Principal Scientist of the extension and training division interacted with the students on the topic “Effective Waste Management and Conservation”. The sessions ended with an interactive session where students raised vivid questions which were explained in detail. After that, Green Worm waste management team handled the next session on the subject of "Hands On Training On Garbology," Abdul Bashik (Cluster Manager) and Nitin Mohan (Cluster Manager) gave the kids to comprehensive information about the many kinds of plastic, their sources, and proper disposal techniques and equipping students with practical strategies for handling waste in their daily lives, such as proper sorting and disposal methods, instils a sense of responsibility and environmental consciousness that can have a lasting positive impact on the community and the planet as a whole. After lunch; Senior Scientist Dr. G.E Mallikarjuna Swamy spoke to the students on the topic “Biodiversity Conservation”. The kids were enthralled with a tour to the Teak Museum and Bio-Resources Natural Park following the class. The children were fascinated with the abundance of flora, herbs, and robust perennial trees. Certificates were distributed to the students on successful completion of the Training

01-02-2024

The second hands on training programme was conducted at Nilambur Sub-centre. The programme registration started at 9:30 am and programme started at 10:00 am. Dr. G.E Mallikarjuna Swamy, Senior Scientist of the Sub Center Nilambur gave the welcome address and and Dr. A.V Raghu proposed the course briefing & vote of thanks. After that, Green Worm waste management team handled the first session on the topic of "Hands On Training On Garbology," Devanand K (Cluster Manager) and Nitin Mohan (Cluster

Manager) gave the kids to comprehensive information about the many kinds of plastic, their sources, and proper disposal techniques and equipping students with practical strategies for handling waste in their daily lives, such as proper sorting and disposal methods, instils a sense of responsibility and environmental consciousness that can have a lasting positive impact on the community and the planet as a whole. After lunch; Senior Scientist Dr. G.E Mallikarjuna Swamy spoke to the students on the topic “Biodiversity Conservation”. The kids were enthralled with a tour to the Teak Museum and Bio-Resources Natural Park following the class. The children were enthralled with the abundance of flora, herbs, and robust perennial trees. Certificates were distributed to the students on successful completion of the Training

02-02-2024

The third hands on training programme was conducted at Nilambur Sub-centre. The programme registration started at 9:30 am and programme started at 10:00 am. Dr. G.E Mallikarjuna Swamy, Senior Scientist of the Sub Center Nilambur gave the welcome address and and Dr. A.V Raghu proposed the course briefing & vote of thanks. After that, Green Worm waste management team handled the first session on the topic of "Hands On Training On Garbology," Thanseem K (Cluster Manager) and Nitin Mohan (Cluster Manager) gave the kids to comprehensive information about the many kinds of plastic, their sources, and proper disposal techniques and Equipping students with practical strategies for handling waste in their daily lives, such as proper sorting and disposal methods, instils a sense of responsibility and environmental consciousness that can have a lasting positive impact on the community and the planet as a whole. After lunch; Senior Scientist Dr. G.E Mallikarjuna Swamy spoke to the students on the topic “Biodiversity Conservation”. The kids were enthralled with a tour to the Teak Museum and Bio-Resources Natural Park following the class. The children were enthralled with the abundance of flora, herbs, and robust perennial trees. Certificates were distributed to the students on successful completion of the Training

13-02-2024

The fourth hands on training programme was conducted at Kerala Forest Research Institute, Peechi. Programme registration started at 9:30 am and programme started at 10:00 am. The hands on training programme was inaugurated by Dr. T.V. Sajeev, Registrar i/c, KFRI. During his inaugural address, he said that when the students of the district adopt waste management as a special culture, waste can be reduced and the house

is part of an organic state. Dr V.B Sreekumar, Principal Scientist & Head of Forest Botany Division gave the welcome address then Felicitation by Mr. N.J James District Coordinator, National Green Corps Thrissur he expressed hope that the training will be attended by 65 students from 20 schools in the district and hopes that it will be possible to make waste management a part of schools in Thrissur district and Dr. A.V Raghu proposed the course briefing & vote of thanks. After that, Head of IRTC Mundur Waste Management Division, V. Manoj Kumar handled the first session on the topic of on “The culture of waste-a forgotten legacy”. He educating students on the different types of waste, including organic, recyclable, and non-recyclable materials, and empower them to make informed decisions about their consumption habits. Furthermore, emphasizing the detrimental effects of plastics on the environment underscores the importance of reducing, reusing, and recycling these materials. Then Harithakarma Seva chairperson Mrs. sheeba gave kids to comprehensive information about the many kinds of plastic, their sources, and proper disposal techniques. After the lunch; Principal Scientist Dr. AV Raghu spoke to the students on the topic “Biodiversity Conservation”. The kids were enthralled with a tour to the Seed Centre, Butterfly Garden, Soil Museum and Wildlife Museum following the class. Certificates were distributed to the students on successful completion of the Training.

Glimpses of Hands on Training





മലയാള മനോരമ

മാലിന്യ സംസ്കരണം പരിശീലനം നൽകി

പീച്ചി • മാലിന്യ സംസ്കരണ വിഷയത്തിൽ ജില്ലയിലെ വിവിധ സ്കൂൾ വിദ്യാർത്ഥികൾക്കായി വനഗവേഷണ കേന്ദ്രത്തിൽ സംഘടിപ്പിച്ച പരിശീലനം കെഎഫ്ആർഐ രജിസ്ട്രാർ ഡോ. ടി. വി. സജീവ് ഉദ്ഘാടനം ചെയ്തു. ദേശീയ ഹരിത സേന കോർഡിനേറ്റർ എൻ.ജെ. ജയിംസ്, ഐആർസിസി മുണ്ടൂർ മാലിന്യ സംസ്കരണ വിഭാഗം തലവൻ വി. മനോജ് കുമാർ, കെഎഫ്ആർഐ സീനിയർ ശാസ്ത്രജ്ഞരായ വി.ബി. ശ്രീകുമാർ, എ.



മാലിന്യ സംസ്കരണത്തിൽ പീച്ചി വനഗവേഷണ കേന്ദ്രത്തിൽ വിദ്യാർത്ഥികൾക്കായി നടത്തിയ പരിശീലനത്തിൽ പങ്കെടുത്ത വിദ്യാർത്ഥികൾ.

മലയാള മനോരമ

മാലിന്യ സംസ്കരണത്തിൽ വിദ്യാർത്ഥികളുടെ കയ്യാഴ്

കെഎഫ്ആർഐയിൽ പരിശീലനം തുടങ്ങി



14/02/2024 | Thrissur | Page : 4
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മാലിന്യ സംസ്കരണത്തെക്കുറിച്ചുള്ള എക്കിന പരിശീലനം ടി.വി. സജീവ് ഉദ്ഘാടനം ചെയ്യുന്നു

പീച്ചി • കേരള വനഗവേഷണ സ്ഥാപനത്തിൽ മാലിന്യ സംസ്കരണ വിഭാഗത്തിലെ കെഎഫ്ആർഐ രജിസ്ട്രാർ ഡോ. ടി. വി. സജീവ് ഉദ്ഘാടനം ചെയ്തു. ദേശീയ ഹരിത സേന കോർഡിനേറ്റർ എൻ.ജെ. ജയിംസ്, ഐആർസിസി മുണ്ടൂർ മാലിന്യ സംസ്കരണ വിഭാഗം തലവൻ വി. മനോജ് കുമാർ, കെഎഫ്ആർഐ സീനിയർ ശാസ്ത്രജ്ഞരായ വി.ബി. ശ്രീകുമാർ, എ.

കൊണ്ടുള്ള മുന്നോട്ടുവരുന്ന പരിശീലനം ഡി.എച്ച്.കെ. വി. പ്രവീൺ ഉദ്ഘാടനം ചെയ്തു. ദേശീയ ഹരിത സേന കോർഡിനേറ്റർ എൻ.ജെ. ജയിംസ്, ഐആർസിസി മുണ്ടൂർ മാലിന്യ സംസ്കരണ വിഭാഗം തലവൻ വി. മനോജ് കുമാർ, കെഎഫ്ആർഐ സീനിയർ ശാസ്ത്രജ്ഞരായ വി.ബി. ശ്രീകുമാർ, എ.

കെഎഫ്ആർഐ രജിസ്ട്രാർ ഡോ. ടി. വി. സജീവ് ഉദ്ഘാടനം ചെയ്തു. ദേശീയ ഹരിത സേന കോർഡിനേറ്റർ എൻ.ജെ. ജയിംസ്, ഐആർസിസി മുണ്ടൂർ മാലിന്യ സംസ്കരണ വിഭാഗം തലവൻ വി. മനോജ് കുമാർ, കെഎഫ്ആർഐ സീനിയർ ശാസ്ത്രജ്ഞരായ വി.ബി. ശ്രീകുമാർ, എ.

Hands-on- Training Report 5

Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode

1.	Title	:	Greener with Malabar Botanical Garden-Workshop on Sustainable life style for school students
2.	Venue	:	Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode
3.	Coordinator	:	Dr. Raghupathi B, Scientist B, KSCSTE-MBGIPS
4.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.364/2023/KSCSTE dated 06-12-2023
5.	Total expenditure	:	Rs. 99,768/-
6.	Objectives	:	The primary objective of the program was hands on training to students on Tissue culture, Waste Management Techniques, Plantation Methods, Mushroom Cultivation, Water Quality Analysis, Traditional Knowledge transfer etc.
7.	Course Contents	:	The workshop included hands-on training on Plantation methods, Nursery & Garden management and waste management techniques. Also expert lectures and interaction on the subject and visits to garden and laboratory were also arranged
8.	Methodology	:	Lectures, demonstrations, hands on training
9.	Details of participants		
10.	Date	Topic	Number of participants
	31.01.2024	Green management topic	38
	01.01.2024	Plantation techniques / Methods	32
	02.02.2024	Nursery & Garden management	51
	03.02.2024	Waste management techniques	43
	Total		164
11.	Duration & time	:	One day 9.30 am to 4.00 pm

Details of the programme

The programme "Greener with Malabar Botanical Garden" -Workshops on Sustainable Lifestyle was conducted at Malabar Botanical Garden and Institute for Plant Sciences from 31st January to 03rd February 2024. The programme was organized to give school students of classes 07th to 11th an awareness of sustainable lifestyles. It throws light into how our lifestyle choices impact the world around us and how we find ways for everyone to live better and lighter. 164 students from various schools in Kozhikode district participated in this programme. They were given lectures on topics of social relevance in today's scenario.

The sessions include expert lecture classes with multi-media aids and field visits. The students were given an essential awareness of plantation methods/ techniques, nursery management, garden management and waste management. The active participation of students in these planting and management activities reinforced their learning experiences. Garden management practices enable them to encompass scientific principles, environmental awareness, practical skills, etc. All the participants visited the research laboratory and all plant conservatories of MBGIPS. The campus was vibrant with the presence of young children during these days.

Details of sessions organized

Day	Date	
Day 1	31.01.2024	Green management topic
Day 2	01.01.2024	Plantation techniques / Methods
Day 3	02.02.2024	Nursery & Garden management
Day 4	03.02.2024	Waste management techniques

Day 1

Dr. Raghupathi B, Junior Scientist, KSCSTE- MBG•PS, Kozhikode, was a resource person on 'Garden Management', and he had covered various topics of garden and plants management such as soil preparation, planting techniques, watering, cultivating, nutrition management, insect pests and disease management and maintaining a garden after establishment, which offers a practical context for learning about ecosystems, biodiversity, and the interdependence of living organisms. Students gained insights into the environmental benefits of gardening, such as air purification, soil conservation and habitat creation. Garden management also involves scientific principles related to plant biology, ecology and horticulture. Students engaged in scientific inquiry by observing plant growth and applying their understanding of biological processes.



Day-1: Garden Management (31/01/2024)



Registration and self-introduction of students from different schools



Dr. Raghupathi B, Junior Scientist, KSCSTE- MBGIPS delivering lecture on garden management and students conservatories visit

Day 2

Dr M Pavan Gowda, ICAR-IISR, Kozhikode, was the resource person on plantation methods and techniques on the second day of the workshop. He had broadly covered different proper planting techniques such as broadcasting, line sowing, pit method, rectangular, hexagonal etc and how to cultivate, soil preparation, watering methods, pruning, trimming, rejuvenation of old orchards, pest control, caring for plants and also highlighted the importance of environmentally friendly and resource-efficient approaches, which allow students to apply theoretical knowledge acquired in the classroom to real-world situations, students to connect with nature and how plantation activities foster a sense of environmental awareness and responsibility.

Day-2: Plantation Techniques/Methods (01/02/2024)



Introduction about institute by Dr. Raghupathi B and lecture on plantation techniques by Dr. Pavan M Gowda, ICAR-IISR, Kozhikode



Different conservatories visit by student participants

Day 3

Dr. Shilpa, Assistant Professor from Kerala Agricultural University, Thrissur, was the resource person on 'Nursery Management' on third day of workshop. She covered various aspects of nursery management like potting, repotting, cuttings preparation, budding grafting, budding, layering, watering schedules, right conditions for plant growth and nutrient management in the nursery, which provides a practical context for students to learn about the life cycle of plants also covered germination, growth, reproduction, and other stages, gaining a deeper understanding of biological processes. Plant nursery management introduced students to concepts of environmental sustainability and the importance of plant life in ecosystems, and they learned about the role of plants in oxygen production, carbon dioxide absorption, and the overall balance of the environment.



Day-3: Nursery Management (02/02/2024)



Introduction about institute & speaker by Dr. Raghupathi B and lecture on Nursery Management by Dr. Shilpa, KAU- Thrissur



Discussion with resource person and conservatories visit by student participants

Day 4

Dr Santhosh Onte, Junior Scientist from KSCSTE- CWRDM, Kozhikode, was the resource person for waste management on the last day of the workshop. He explained to students about different types of waste, types of composting techniques, decomposing, vermicomposting, etc. and value addition from waste and how waste management reduces greenhouse gas emissions and contributes to healthier ecosystems, a more profound connection to the environment and an appreciation for the cycles of life, about health and safety practices related to handling organic waste, which provides insights about the role of compost in improving soil health, support of plant growth, understanding the composting process, encouraging responsible waste management beyond the school environment, knowledge about the role of microorganisms in breaking down organic matter etc.

Day-4: Waste Management (03/02/2024)



Introduction about institute & speaker- Dr. Raghupathi B and lecture on Waste Management- Dr. Santhosh Onte, KSCSTE- CWRDM, Kozhikode



Student and Scientist discussion on waste management and conservatories visit by student participants

Hands-on- Training Report 6

M S Swaminathan Research Foundation & Agro biodiversity Centre, Puthoorvayal , Wayanad

12.	Title	:	Sustainable Life style workshop for school students under the National Green Corps. (NGC)
13.	Venue	:	M S Swaminathan Research Foundation & Agro biodiversity Centre, Puthoorvayal ,Wayanad
14.	Coordinator	:	Dr Shakkela Director, MSSRF CAbC
15.	Total amount sanctioned and the sanction order No	:	Rs. 1,00,000 (One lakh only) Council (P) Order No.11/2024/KSCSTE dated 11-01-2024
16.	Total expenditure	:	Rs. 1,00,000 /-
17.	Objectives	:	The proposed project aims to give hands-on training and awareness among school children on different topics like Propagation method, Waste Management Techniques, Mushroom Cultivation, Forest for Life, Local Food Knowledge etc.
18.	Course Contents	:	The workshop included hands-on training on Plantation methods, Nursery & Garden management and waste management techniques. Also expert lectures and interaction on the subject and visits to garden and laboratory were also arranged
19.	Methodology	:	Lectures, demonstrations, hands on training
20.	Details of participants		
21.	Date	Topic	Venue
	01.03.2024	Forest for Life: A Nature Awareness and Re-connection Program	MSSRF CABC
	02.03.2024	Combating Malnutrition through Local Food Knowledge	MSSRF CABC
	02.03.2024	Empowering the Budding Farmers through Plant Clinics and Kitchen Gardens	MSSRF CABC
	02.03.2024	Mushroom Cultivation Workshop	MSSRF CABC
22.	Duration & time	:	One day 9.30 am to 4.00 pm

Details of the programme

Introduction

The M. S. Swaminathan Research Foundation (MSSRF), in collaboration with the Kerala State Council for Science, Technology and Environment (KSCSTE), organized a two-day workshop series titled 'Sustainable Lifestyle workshop' for high school students under the National Green Corps. (NGC) program.

The programme was conducted for two days starting from March 1st and 2nd, 2024, at CABc MSSRF campus. The programme could exceed its overall expectations and attracted over 900 students from 20 schools across Kerala. This enthusiastic response signifies a growing interest among young people in adopting sustainable practices. The workshops were seamlessly integrated into Community Seed Fest 2024, an event promoting seed diversity and sustainable agriculture. Beyond the informative sessions, students were offered a valuable opportunity to visit the Seed Fest pavilions and the Swaminathan Botanical Garden, providing them with firsthand experiences to complement their classroom learning. The program was supervised by Dr. Shakkela (Director, MSSRF CABc) and Mr. C. Jayarajan (Coordinator NGC, Wayanad) and coordinated by Dr. Vipindas, Ms. Gayathri Xalathil, and Mr. Binesh M.K.

Details of the programme

Workshop 1:

Forest for Life: A Nature Awareness and Re-connection Program

Date: March 1-2, 2024

Venue: CABc MSSRF

Participants: 200 Students

Resource Person Mr. Hasim (Research Associate, APF. Azim Premji Foundation)

The interactive session on Forest of Life was a biodiversity education program led by Mr. Hasim (Research Associate at the Azim Premji Foundation). The engaging program aimed to rekindle the curiosity and connection of students with nature and the environment. Dr. Vipindas (Development Coordinator at MSSRF) made a welcome to the attendees to the workshop and Ms. Gayathri Kalathil (Development Coordinator, MSSRF) gave the vote of thanks.

The engaging program, led by Mr. Hasim from the Azim Premji Foundation, reconnects students' curiosity and relationship to the nature through stories, games, and discussions about local ecosystems and environmental challenges.



Workshop 2.

Combating Malnutrition through Local Food Knowledge

Date: 02/03/2024

Venue: MSSRF CABC

Participants: School Students

Workshop Leader: Ms. Shakira Sumayya (NCD Dietician, National Rural Health Mission)

Workshop Theme: Nutrition Literacy and Local Food Crops

Led by a National Rural Health Mission dietician, students explored the link between local crops, balanced diets, and individual health, empowering them to fight malnutrition through informed dietary choices

A workshop entitled Combating Malnutrition Through Local Food Knowledge was organized to provide students with the knowledge and tools to fight malnutrition in their communities. The session was led by Ms. Shakira Sumayya, NCD dietician, NRHM Wayanad, who focused on the significance of local food crops in achieving a balanced and nutritious diet. Dr Vipindas (MSSRF) made a welcome to the participants and emphasized the importance of nutrition garden. He discussed the components and structure of nutrition gardens and modalities of implementation in households and schools. He shared the experience of MSSRF in the implementation of nutrition gardens among farmers as well as schools in Wayanad district. Mr. Jobish Jose, Village Coordinator, MSSRF, delivered the vote of thanks

The workshop aimed to promote nutritional literacy and raise awareness about the importance of balanced nutrition for overall health and well-being. During the session, students learned about the nutritional value of various indigenous vegetables and fruits that are readily available in their region. This knowledge empowers them to make informed dietary choices, promoting food security and healthy eating habits, while combating malnutrition. The session directly addressed the National Green Corps mission to eradicate malnutrition by highlighting the connection between sustainable food practices and individual health. Dr. Vipindas emphasized the importance of establishing a nutrition garden in every household and offered guidance on student-led garden. The participants could get an overall idea of man-manipulated agriculture fields that affect the food basket food diversity. In addition to that, the participants were motivated the ways and means to the local level actions that can effectively address the erosion of food diversity in the state.



Workshop 3

Empowering the Budding Farmers through Plant Clinics and Kitchen Gardens

Date: 02.03.2024

Venue: MSSRF CABC

Workshop Leader: Mr. Pavithran M.K, Deputy Director, Agriculture (Rtd)

An Interactive workshop to Empowering Young Farmers was conducted to provide students with the necessary knowledge and skills sets to effectively manage their kitchen gardens. The session was led by Mr. Pavithran MK, a renowned agriculture expert and writer. The participants were welcomed by Ms Gayathri Kalathil (Development Coordinator, MSSRF), and the vote of thanks was delivered by Mr. Jobish Jose. (Village Coordinator, MSSRF).

Kitchen Gardening: Mr Pavithran provided detailed guidance on establishing kitchen gardens in individual households and schools.

Plant Clinics: The session focused on identifying and managing common pests and diseases affecting food crops crucial knowledge for promoting sustainable agricultural practices.

Interactive Learning: Students actively participated in discussions and demonstrations gaining practical insights into pest and disease management.

Pest Management Techniques: Mr. Pavithran showcased various conventional methods for controlling pests in farms including demonstrations of bio-input preparation.



Workshop 4

Hands-on Learning: Cultivating a Sustainable Future: Mushroom Cultivation Workshop

Date: 02.03.2024

Venue: MSSRF CABC

Workshop Leader: Ms Asiya P, Researcher, MSSRF

The workshop focused on "Hands-on Learning. Cultivating a Sustainable Future with a specific emphasis on Oyster mushroom cultivation. Ms. Asiya, a researcher at MSSRF, led the session, providing students with a unique opportunity to gain practical experience. Mr. Jobish Jose (Village Coordinator, MSSRF) made the welcome address and Ms. Gayathri Kalathil (Development Coordinator), delivered the vote of thanks.

Ms Astya delved into the fascinating world of mushrooms, educating students about the diversity of mushrooms found in the region. She also discussed about the medicinal

importance of mushrooms and nutritional value of mushrooms that are commonly seen in the region. In addition to that, the possibility of taking up mushroom cultivation as an additional income generation activity to the farmers as well as students was also discussed



Exploring the Wonders of Nature: A Visit to the M. S. Swaminathan Botanical Garden

The program culminated by a visit to the M. S. Swaminathan Botanical Garden, a treasure trove of biodiversity and abode of Rare Endemic and Threatened (RET) plant species of Western Ghats. Students had the opportunity to explore various zones within the garden, encountering a diverse collection of plant life. This immersive experience provided a firsthand connection to the natural world. Further solidifying the importance of environmental protection and modalities of ex-situ conservation strategies

Catalyst for Change

The "Sustainable Lifestyle" workshops served as a catalyst for positive change, empowering young minds to embrace sustainable practices. The programme could reach to more than 200 students across the state and spread the message of sustainable life style. Activities of the programme envisaged in a way to connect the nature through science based activities and hand on technical sessions. Waste to Food- Oyster mushroom cultivation, Plant clinic and sustainable agriculture, Forest for Life etc were the technical sessions that included hands on sessions also. In addition to these activities, the students were taken to M.S. Swaminathan Botanical Garden and also allowed to participate in the **Seed Fest programme at MSSRF**

The program's success lies not only in the knowledge imparted but also in the enthusiasm it ignited among participating students. Armed with newfound knowledge and practical skills, these students are poised to become agents of change, promoting environmental well-being within their schools and communities. The workshops serve as a testament to the power of education in fostering a more sustainable future. Participants got the right information in the right time that fosters the oneness feeling with nature and also the clarion call to take local level actions that lead to the conservation of environment.

ENVIRONMENT EDUCATION PROGRAMME KERALA
EEP SCHOOL PROJECTS

Report 2023-24

A Programme of



MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE
GOVERNMENT OF INDIA

Submitted By



**KERALA STATE COUNCIL FOR SCIENCE,
TECHNOLOGY AND ENVIRONMENT,
SASTHRA BHAVAN, PATTOM,
THIRUVANANTHAPURAM, 695004**

ENVIRONMENT PROJECTS FOR SCHOOLS

(EEP SCHOOL PROJECTS)

Environment projects in schools not only benefit the environment but also contribute to the holistic development of students, promote community engagement, and create a more sustainable and healthy learning environment. Implementing environment projects in schools can have numerous benefits for both the school and the wider community. Environment projects help raise awareness about environmental issues and promote sustainable practices among students, teachers, and staff.

Engaging in environment projects provides students with hands on learning opportunities to apply classroom knowledge in real-world settings. These often involve collaboration with the local community, fostering partnerships and promoting a sense of civic responsibility.

Creating a sustainable environment in schools can lead to improved air quality, reduced waste, and a healthier learning environment for students and staff. Implementing energy and water conservation projects can lead to cost savings for the school, as well as teach students about the importance of resource efficiency.

Ministry of Environment, Forests and Climate change sanctioned and released an amount 35 lakhs to Kerala State Council for Science, Technology and Environment for doing Environment Related Projects under Environment Education programme 2023-24.

The objective of the program is to release financial assistance to Ecoclub schools for doing Environment related projects with Ecoclub teacher as the coordinator and ecoclub volunteers as members

As part of this, Project proposals were invited from the actively participating Govt /Aided/ Unaided/Private schools registered under National Green Corps for doing Environment friendly projects with Ecoclub teacher as the PI of the project.

The proposed projects were under the following thematic areas:

- *Setting up of Medicinal /Biodiversity/ Medicinal/ Butterfly/ Vegetable gardens*
- *Setting up of Miawaki forests, Bamboosetum*
- *Mushroom cultivation*
- *LED bulb making workshop / Making Eco-friendly items*
- *Setting up of Millet cultivation and exhibition*

- *Setting up of Waste composting measures*
- *Awareness programmes/ plastic free campus*
- *Adoption of natural bodies/ apiculture/ kandal etc.*

Prepared Application forms and Guidelines for inviting proposals from schools. All NGC schools were informed to submit the proposals. Proposals were notified during last week of October and the proposals received till 20th November was processed. A total of 283 applications received at KSCSTE.

An expert committee was constituted for the evaluation of proposals ,with the approval of EVP, KSCSTE a meeting of the expert committee were held on 11th December 2023 at KSCSTE. The applications were scrutinised as per the guidelines issued by KSCSTE and out of 283 applications received, 280 applications are recommended for providing financial assistance of Rs, 10,000/- each. Incomplete and off the topic applications were rejected. The committee recommended releasing 80% of the sanctioned amount as advance to the schools and balance amount shall be released on submission of reports and SE/UC of the programme. The project has to be completed before February 2024. District wise breakup of the programme

SI No	District	Number of schools	Amount released	Amount (Rs)
1.	Thiruvananthapuram	19	24x10000	240000
2.	Kollam	12	12x10000	1100000
3.	Pathanamthitta	8	8x10000	80000
4.	Alappuzha	14	14x10000	140000
5.	Kottayam	11	11x10000	110000
6.	Idukki	12	12x10000	1100000
7.	Ernakulam	7	7x10000	70000
8.	Thrissur	65	65x10000	650000
9.	Palakkad	4	4x10000	40000
10.	Malappuram	47	47x10000	470000
11.	Kozhikode	19	19x10000	190000
12.	Wayanad	36	36x10000	360000
13.	Kannur	13	13x10000	130000
14.	Kasaragod	8	8x10000	80000
Total Number of schools		280	Total Amount	28,00,000/-
Total Amount utilized				27,94,000/-

KSCSTE sanctioned an amount of 10,000/- each to 280 schools under NGC ecoclubs for doing environment related projects under EEP Programme. An amount of 8000/- released as advance to the above schools on scrutinizing the proposals by a three member expert committee and the remaining amount of 10000/- on submission of programme completion reports and SE/UC.

The programme coordinators of the following schools had submitted the reports, photos, SE/UC, copy of bills and vouchers to KSCSTE. The reports and other documents verified and observed the schools have successfully organised the projects and utilised the amount for the purpose for which it was sanctioned. The details are as follows.

Details of Projects implemented in Ecoclubs as part of Environment Education
Programme 2023-24

<i>Sl No</i>	<i>Projects</i>	<i>Number of activities</i>
1	<i>Medicinal /Biodiversity/ Butterfly/ Vegetable gardens/fruit gardens</i>	196
2	<i>Miawaki forests, Bamboo setum</i>	18
3	<i>Mushroom cultivation</i>	17
4	<i>Paddy cultivation</i>	6
5	<i>LED bulb making workshop / Making Eco-friendly items</i>	29
6	<i>Setting up of Millet exhibition &</i>	2
7	<i>Setting up of Waste composting measures</i>	24
8	<i>Awareness programmes/ plastic free campus</i>	19
	<i>Adoption of natural bodies/ apiculture/ kandal</i>	3
<i>Total activities</i>		313

List of selected Ecoclub schools for financial assistance under EEP Project

Sl No	School Address	Activity	Expenditure
1.	GHS Perinchankutty, Chempakapara, Idukki685604	Setting up of vegetable garden	10000
2.	Govt. V&HSS, Poovar, Poovar P O Thiruvananthapuram	Setting up of vegetable garden	10000
3.	Govt. Technical High School Naduvil, Kannur670582	LED Bulb Making Workshop & awareness class	10000
4.	Guidance Public School, Malappuram	LED Bulb Making Workshop & awareness class	10000
5.	Providence GHSS Nadakkavu, Kozhikode11	Setting up of vegetable garden	10000
6.	AMUPS Akodevirippadam, Akode P.O, Malappuram	Mushroom cultivation	10000
7.	GHSS Achoor, Achooranam P.O, Wayanad673575	Setting up of vegetable garden	10000
8.	GHS Ripon, Ripon P.O, Wayanad673577	Setting up of biodiversity garden	10000
9.	Govt. High School Anthikad Thrissur680641	Setting up of vegetable garden	10000
10.	GHSS Pattikkad, Pattikkad P.O, Malappuram679325	LED Bulb Making Workshop	10000
11.	St Thomas LP School, Nadavayal, Wayanad670721	Paddy cultivation & vegetable garden	10000
12.	Sacred Heart HSS, Dwaraka, Mananthavady	Setting up of Medicinal garden	10000
13.	GHSS Thekkenada, Vaikom, Kottayam 686141	LED Bulb Making Workshop	10000
14.	MSP HSS Malappuram, Malappuram P.O, 676505	Setting up of vegetable garden	10000
15.	Vimala High School, Vimalagiri P O , Idukki685602	Setting up of vermi compost plant	10000
16.	GHS Valavayal, Valavayal P.O, Wayanad673596	Setting up of Medicinal garden	10000
17.	S S A U P S sheni P O, Sheni,Kasaragod671552	Setting up of Vegetable garden	10000
18.	GBHSS Attingal, Attingal P O, Thiruvananthapuram	Setting up of Vegetable & fruit garden	10000
19.	Govt. Tribal HSS Poomala, Koovakandam, Idukki	LED Bulb Making Workshop	10000

20.	Nirmala Higher Secondary School, Malappuram679334	Setting up of Medicinal garden	10000
21.	Chinmaya Vidyalaya, Kattakada, Thiruvananthapuram	Mushroom cultivation	10000
22.	AMUPS Kumminiparamba,Karippur, Malappuram	LED Bulb Making Workshop	10000
23.	AUPS Thannikkadavu, Kunnummel Malappuram1	LED Bulb Making Workshop	10000
24.	HolyFamily Convent E.M.H.S,Aravila PO, Kollam	Setting up of vegetable garden	10000
25.	L.C.U.P.S Irinjalakunda, Irinjalakunda P.O, Thrissur	Setting up of vegetable garden	10000
26.	Little flower English medium, Malappuram676523	Setting up of vegetable garden	10000
27.	Peringavu AUPS , Puthukkode P.O, Malappuram673633	Paddy cultivation	10000
28.	St. George High School, Parathodu P O, Idukki 68557	Setting up of vegetable garden	10000
29.	St. Marthas UP School Poozhikol, Kottayam 686604	Mushroom cultivation	10000
30.	Tagore Vidyaniketan GHSS Thaliparamba, Kannur	Plastic awareness classes, installation of waste collection bins	10000
31.	Vimala Hridaya Eng Med High School, Clappana, Kollam	Setting up of vegetable garden & plastic awareness class	10000
32.	ST.Sebastians C.G.H.S Nellikkunnu, Thrissur	Setting up of vegetable garden	10000
33.	Govt Girls VHSS, Perinthalmanna, Malappuram679322	Setting up of vegetable & butterfly garden	10000
34.	Mount Carmel English Medium HSS, Kollam	Setting up of Butterfly gardens	10000
35.	Govt Model Hss for boys Chalai, Thiruvananthapuram	Setting up of vegetable garden	10000
36.	Fr GKMHSS Kaniyaram, Wayanad670645	Setting of ring compost & compost bins in school	10000
37.	KAUHS Vellanikkara, Kerala Agricultural University PO	Setting up of vegetable garden	10000
38.	GHS Pullut PO, Pullut PO Kodungallur, Thrissur680663	Setting up of vegetable & medicinal garden	10000
39.	Govt City VHSS, PMG, Thiruvananthapuram	Seed Culture of OrchidsDemonstrationand training	10000
40.	St. Francis HSS Mattom, Mattom Post Thrissur 680602	Setting up of vegetable garden	10000
41.	Sree Kirshna High school, Mattathur, Thrissur680684	Setting up of Butterfly park	10000
42.	Nirmala High School, Thariode, Pozhuthana, Wayanad	Setting up of Biodiversity garden	10000
43.	Cherupushpam GHSS, Vadakkencherry, Palakkad	Setting up of Butterfly park	10000
44.	BCGHS Kunnamkulam, Kunnamkulam P.O, Thrissur	Mushroom cultivation	10000
45.	Govt. HSS Anakkara, AnakkaraP O, Idukki685512	Setting up of Butterfly park	10000
46.	GVHSS Chettiamkinar, Valakkulam P.O, Malappuram	Fabric bag making , training and distribution	10000
47.	The Baker Vidyapeedh Sr. Sec. School, Baker Hill, Kottayam	Mushroom cultivation	10000
48.	B V M H S Kallettumkara, POKallettumkar, Thrissur680683	Fruit and medicinal garden	10000
49.	GHS Kurumbala , Mundakutty P.O, Kuppadithara, Wayanad	Setting up of vegetable garden	10000
50.	GHSS Anchery, Anchery P.O, Ollur, Thrissur 680006	Vegetable & medicinal gardens	10000
51.	G H S S Chavakkad, Thrissur Pin680506	Setting up of vegetable garden	10000
52.	GHSS Elavally, Elavally South PO, Thrissur Pin680511	Setting up of Biodiversity Park	10000
53.	GHSS Neeleswaram, Neeleswaram P.O,Omassery, Kozhikode	Mushroom cultivation	10000
54.	GHSS Pookkottumpadam, Pookkotumpadam P.O, Malappuram	LED Bulb Making Workshop	10000
55.	Govt.LPS Pazhamuck, Mundur P.O, Anjur,Thrissur680541	Setting up of Butterfly park	10000
56.	GNHSS Kizhuppillikara, Kizhuppillikara P.O, Thrissur 680702	Setting up of vegetable garden	10000
57.	Govt. Janatha HSS Naduvattom, Palakkad 679308	Setting up of Biodiversity garden	10000
58.	GHSS, Poruvazhy, Kollam,690522	Setting up of vegetable garden	10000
59.	GUPS Kannamangalam, Chettikulangara, Alappuzha	Setting up of vegetable garden	10000
60.	GUPS Konnamanna, Pallikuth P.O, Chungathara, Malappuram	Vegetable & butterfly gardens	10000
61.	GUPS Varadiyam, Avanoor Post, Thrissur 680541	LED Bulb Making Workshop	10000
62.	GVHSS for boys Kunnamkulam, Kunnamkulam P.O, Thrissur	Setting up of Medicinal gardens	10000
63.	GVHSS Pudukad , P.O Pudukad Thrissur 680301	Setting up of vegetable garden	10000

64.	GVHSS Puthur Puthur post, Thrissur 680014	Setting up of vegetable garden	10000
65.	GVHSS Thiruvilwamala, Thiruvilwamala Post, Thrissur8	Setting up of vegetable garden	10000
66.	MES HSS Vandanmedu, Vandanmedu P O, Idukki 685551	Setting up of Biodiversity garden	10000
67.	RK Mission HSS, P.O Arts & Science College, Kozhikode	Jeevanam 2023 paddy cultivation	10000
68.	Sacred Heart High School, Dwaraka, Mananthavady	Setting up of Medicinal gardens	10000
69.	SPTPM Govt. UPS & Nursery School, Kuravankonam, TVM	Setting up of vegetable garden	10000
70.	St.Theresas GHS Brahmakulam Thaikkad, Thrissur 680104	Setting up of vegetable garden	10000
71.	St.Thomas HSS, Engandiyur, Thrissur680615	Setting up of vegetable garden	10000
72.	UPS Thanikkudam, Kurichikkara PO, Thanikkudam,Thrissur	Setting up of Medicinal garden	10000
73.	Valiyannur North UP School, P.O Varam, Kannur670594	Setting up of vegetable garden	10000
74.	SNHSS, SN Nagar, Irinjalakuda, Thrissur680125	Setting up of vegetable garden	10000
75.	Chinmaya Vidyalaya, Kalarcode, Alappuzha	Measures for plastic free campus	10000
76.	Govt. Fisheries U P School, Kottakadappuram P O Thrissur	Measures for plastic free campus	10000
77.	GVHSS Valapad, Valapad post Thrissur 680567	Waste management measures	10000
78.	Presentation convent Girls High School, Vellikulangara,Thrissur	Setting up of Bambooseetum	10000
79.	NSS HSS Meenchanda. Arts & Science College P.O, Kozhikide	Waste management programme	10000
80.	A U P S Parakad,Arimpur P.O, Thrissur680620	Measures for plastic free campus	10000
81.	GMHSS Nadavaramba, Irinjalakkuda, Thrissur	Organic paddy cultivation	10000
82.	GUPS Kalikavu Bazar, P.O. Kalikavu, Malappuram676525	Setting up of vegetable garden	10000
83.	GUPS Kannamangalam, Chettikulangara, Mavelikara, Alappuzha	Setting up of vegetable garden	10000
84.	Chinmaya Vidyalaya Senior Secondary School Attukal, Tvm	Setting up of Medicinal garden	10000
85.	GHS Vadasseri, Kavanoor P.O, Areekode, Malappuram673639	LED Bulb Making Workshop	10000
86.	St. Marys UP School Manipara, Manippara P O, Idukki	Setting up of Butterfly gardens	10000
87.	Lutheran HSS,South Aryad,Alappuzha,	Setting up of Miawaki forest	10000
88.	V B U P S Poolani, Meloor P O, Poolani680311	Setting up of vegetable garden	10000
89.	Union H S S Annanad, Annanad PO Thrissur680309	Setting up of vegetable garden	10000
90.	Government Jawahar HS Edamulackal , Kollam	Setting up of Biodiversity garden	10000
91.	St. Teresas AIHSS Kannur Burnacherry P O, Kannur 670013	Apiculture	10000
92.	St. Marthas UP School Poozhikol, Poozhikol, Kottayam 686604	Mushroom cultivation	10000
93.	Sanskrit High School, Vattoli, Vattoli P.O, kakkattil673507	Plastic free campus	10000
94.	SKMJ HSS Kalpetta, North Kalpetta, Wayanad673122	Waste management	10000
95.	GHS Kannattupadam, Palappilly P O,Thrissur 680304	Setting up of vegetable garden	10000
96.	MTSS UPS , Manjadi, Manjadi P.O, Thiruvalla, Pathanamthitta	Setting up of vegetable garden	10000
97.	PTMUPS Mannarmala, Mannarmala P.O,Malappuram	LED Bulb Making Workshop	10000
98.	AMMHSS Edayaranmula, Edayaranmula P.O, Pathanamthitta	Setting up of Medicinal garden	10000
99.	CHSS Pothukal, Bhoodan Colony P.O, Nilambur, Malappuram	Vegetable garden & mushroom cultivation	10000
100.	CMS college High School, Challikunnu, Kottayam 686001	Setting up of Biodiversity garden	10000
101.	Govt.GHSS Cottonhill, Vazhuthacaud, Thiruvananthapuram	Setting up of Butterfly gardens	10000
102.	GVHSS Kizhuparamba, Areacode, Malappuram 673639	Setting up of vegetable garden	10000
103.	GHSS Cheemeni P O,Cheemeni671313	Plastic free campus	10000
104.	GHSS Kottappuram,, Andiyookunnu P.O, Malappuram	Setting up of Biodiversity garden	10000
105.	GHSS Ravaneshwaram, Ravaneshwaram PO,Kasaragod671316	Setting up of vegetable garden	10000
106.	GMHSS Vellamunda, Kattayad P.O, Wayanad670731(HS)	LED Bulb Making Workshop	10000
107.	Govt.Model H S for girls, Palace Road, Chembukkav, Thrissur	Setting up of vegetable garden	10000
108.	GMUPS Melmuri, Adhikarithodi, Melmuri P.O, Malappuram	LED Bulb Making Workshop	10000

109.	GNBHS Kodakara, Kodakara P.O, Thrissur680684	Paddy cultivation	10000
110.	GHSS Tholicode,Tholicode P O, Thiruvananthapuram695541	Setting up of Medicinal garden	10000
111.	Govt. LPS Changa, Changa P O, Thiruvananthapuram695542	Setting up of Medicinal garden	10000
112.	Govt. Tribal H S Idinjar, Idinjar P O Thiruvananthapuram	Setting up of vegetable garden	10000
113.	Govt. Tribal UP School, Pathippally P O, Idukki 685589	Setting of Miawaki forest	10000
114.	Govt. UPS Uzhuva, Pattanakkad P.O, Cherthala, Alappuzha	Setting up of Medicinal garden	10000
115.	MDUPS Ezhur, Tirur, Malappuram676101	LED Bulb Making Workshop	10000
116.	Mulamana V&HSS, Anakudy P O, Vamanapuram Trivandrum	Setting up of vegetable garden	10000
117.	Nirmala Convent UP School,Ayyanthule Thrissur680003	Setting up of Medicinal garden	10000
118.	Orphanage UPS, Padinhattumuri P.O, Maalppuram676506	Setting up of vegetable garden	10000
119.	SALP School Thariode, Thariode P.O, Wayanad.	Setting up of vegetable garden	10000
120.	SAUPS Thirunelly, Thirunelly Temple P.O,Wayanad	Mushroom cultivation	10000
121.	St Pauls HSS, Kollengode, Kollengode P.O, Palakkad678506	Rain water harvesting bore well recharge	10000
122.	St. Sebastians UPS , Kommayad, Karakkamala P.O, Wayanad	Fruit garden	10000
123.	St. Teresa's High School,Vazhapally, Changanassery, Kottayam	Hands on training on notebook making	10000
124.	St. Mary's G H S Kuzhikkattussery, Thrissur	Vegetable & Fruit garden	10000
125.	Victory VHSS Olathanni, Neyyattinkara, Thiruvananthapuram	Plastic free campus Eco park construction	10000
126.	GUPS Veemboor P.O, Mariyad, Manjeri, Malappuram676122	Setting of vegetable terrace garden	10000
127.	GUPS Moonniyur, P.O Moonniyur, Malappuram676311	Setting up of vegetable garden	10000
128.	St Joseph LPS Kallody, Edavaka P.O, Mananthavady, Wayanad	Vegetable & Medicinal garden	10000
129.	UPS Adayamon, Adayamon PO,Thattathumala, Trivandrum	Setting up of vegetable garden	10000
130.	AMLPS Klari South, Edarikode P.O, Vengara, Malappuram	Setting up of vegetable garden	10000
131.	A.U.P.S Mulleria,Nehru Nagar PO,Mulleria	Setting up of Butterfly garden	10000
132.	BYKVHSS Valavannur, Valavannur P.O, Malappuram676551	LED Bulb Making Workshop	10000
133.	Govt. HS Vechoor, Vechoor P O, Kottayam 686144	Setting up of Butterfly garden	10000
134.	Govt.Higher Secondary School Ayaparampu, Alappuzha	Chayamansa – Cheera gramam project	10000
135.	G H S S Balanthode P O,Panathady, Kasaragod671532	Setting up of vegetable garden	10000
136.	Kendriya Vidhyalaya, Near High School junction, Adoor691523	Setting up of Miawaki forest	10000
137.	MSI HSS Kundoor, Nannambra Post, Athanikkal, Malappuram	Waste composting measures	10000
138.	MTHS Kundara, Arumurikkada,Kundara P.O 691501	Setting up of vegetable garden	10000
139.	OCM GUPS Cherukunnu, Velom P.O, Kuttiady, Kozhikode	Setting up of vegetable garden	10000
140.	Sarvodaya HSS, Eachome P O, Panamaram, Wayanad670721	Mushroom cultivation project	10000
141.	St.Theresas H S, Manappuram P O, Cherthala, Alappuzha	Waste composting measures	10000
142.	St. Thomas HSS Erumely, Erumely P O, Kottayam 686509	Setting up of Butterfly garden	10000
143.	St.Sebastians H S, Angady Road, Chittattukara, 680511	Setting up of vegetable garden	10000
144.	St. Marys AUPS Mamankara, Kamblakkallu P.O,Malappuram	Setting up of Butterfly garden	10000
145.	KMAUPS Karthala, Karthala, Valanchery, Malappuram676552	LED Bulb Making Workshop	10000
146.	St.Thomas college HSS,College Road, Thrissur680001	Setting up of Biodiversity garden	10000
147.	AMHSS Vengoor, Vengoor P.O, Pattikad , Malappuram679325	Plastic free campus	10000
148.	GHS Tharuvana,Tharuvana P.O, Mananthavady, Wayanad670645	Setting up of Miawaki forest	10000
149.	GHSS Athavanad, Mattummal, Athavanad P.O, Malappuram	Setting up of vegetable garden	10000
150.	Greets public School, Asoka Road, Kochi 682017	Setting up of Butterfly garden	10000
151.	Govt MGHSS Chadayamangalam, Kollam	Setting up of Medicinal garden	10000
152.	Olive Public School, PerambraP.O, Kozhikode673525	Setting up of vegetable garden	10000
153.	PKMIC High School, Pookkottur, Malappuram676517	Setting up of Butterfly garden	10000

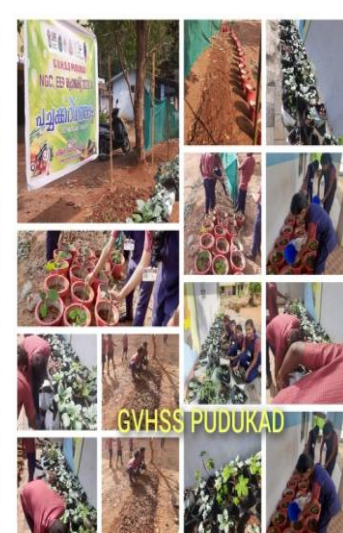
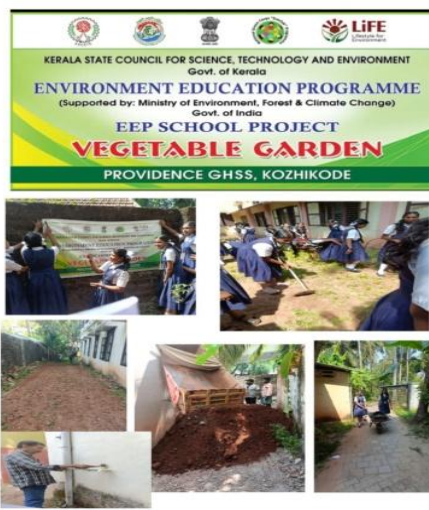
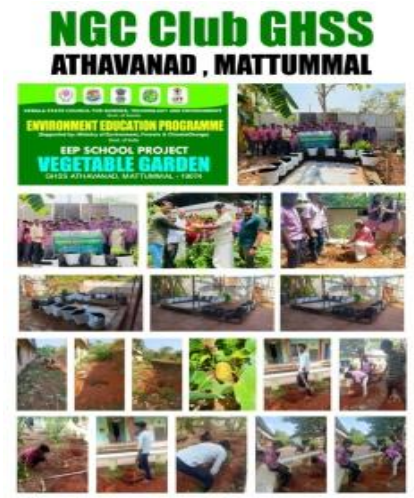
154.	RCHSS Chundale, Chundale P O, Wayanad673123	Mushroom cultivation	10000
155.	St.Josephs H.S, Pangarappilly post, Chelakkara, Thrissur 680586	Setting up of vegetable garden	10000
156.	St.Joseph's HSS, Avinissery, Avinissery P.O, Thrissur 680306	Setting up of Biodiversity garden	10000
157.	Trikkutissery Govt. UPS , Vakayad P.O, Naduvannur 673614	Setting up of Biodiversity garden	10000
158.	Akavoor HS Sreemoolangaram, Ernakulam	Setting up of Bambooseetum	10000
159.	GUPS Methala, Kandamkulam Post, Methala Thrissur680669	Setting up of Medicinal garden	10000
160.	Seraphic CGHS Peringottukkara,Vadakumuri post, Thrissur	Setting up of vegetable garden	10000
161.	St.Georges C.U.P.S, Karanchira, P.O, Kattoor,Thrissur680702	Setting up of Medicinal garden	10000
162.	Bhavans Adarsa Vidhyalaya, Kakkanad, Thuthiyoor, Kochi682037	Setting up of Millet museum & exhibition	10000
163.	St Antonys LP&UPS Kannothe, Kuppayakkode P.O 673580	Setting up of Medicinal garden	10000
164.	St. Shantals High School, Mammood P O, Kottayam	LED Bulb Making Workshop	10000
165.	GVHSS Cheruvannur (vhse section), Kolathara P.O, Kozhikode	Plastic free campus waste bins /awareness classes	10000
166.	G. H. S. S. Bhoothakulam Bhoothakulam P O, Kollam 691302	Plastic free campus waste bins//awareness classes	10000
167.	GHS Valeri, Valeri P.O, Mananthavady, Wayanad670645	Setting up of vegetable garden	10000
168.	AUPS Nellisseri, Sukapuram P.O, Edappal, Malappuram	Plastic free campus waste bins /awareness classes	10000
169.	AUPS Vellamunda, Kattayad P.O, Wayanad670731	Miawaki & Bambooseetum	10000
170.	AVSGHSS Karivellur, P.O Karivellur, Onakkunnu Kannur670521	Kuniyan Kandal restoration programme	10000
171.	GHS Pulickamalay, Pulickamaly P.O, Mulanthuruthy , Ernakulam	Setting up of vegetable garden	10000
172.	GHSS Kadikkad, Punnayurkulam,Thrissur679561	Setting up of vegetable garden	10000
173.	GHSS Thrisslery, Thrissileri P.O, Wayanad670646	Setting up of vegetable garden	10000
174.	GFHSS Nattika, Nattika beach postThrissur680566	LED Bulb Making Workshop	10000
175.	GVHSS Chalakudy, Chalakudy Post Thrissur 680307	Setting up of Medicinal garden	10000
176.	KMMAUPS Cherukode, Wandoor, Malappuram	LED Bulb Making Workshop	10000
177.	LFCHS Irinjalakuda, Irinjalakuda Post, Thrissur Pin680662	Setting up of Medicinal garden	10000
178.	Little Flower Convent Girls High School, Olarikkara Post,680012	Pisciculture	10000
179.	Markaz International School, Dream City, Kozhikode	Setting up of vegetable garden	10000
180.	MES Fathima Rahim Central School, Kaithapoyil, Kozhikode	Waste management measures napkin destroyer	10000
181.	MESHSS Sreenarayanapuram PO, Vemballur Thrissur680671	Mushroom cultivation	10000
182.	N.S.B.H.S.S, Mannar, Alappuzha Dist 689622	Setting up of Medicinal garden	10000
183.	Pamburuthi Mappila AUPS Narath P.O, Kannur670601	LED Bulb Making Workshop	10000
184.	Rajeev Gandhi Memorial HSS, Mokeri, Panoor, Kannur 670692	Miawaki forests	10000
185.	SSMHSS Theyyalingal, Theyyalingal P.O, Tanur, Malappuram	Setting up of vegetable garden	10000
186.	St.Joseph'S HSS Pavaratty, Paravatty post, Thrissur Pin680507	Setting up of vegetable garden	10000
187.	ST.Don Bosco GHS Kodakara, Kodakara post, Thrissur680684	Plastic free campus waste bins /awareness classes	10000
188.	Bharatheeya Vidyamandiram, Kidangoor South P.O, Kottayam	Waste composting measures	10000
189.	GHS Aroor, Aroor P.O, Cherthala, Alappuzha 688534	Setting up of vegetable garden	10000
190.	Govt Higher Secondary School,Mogralputhur, Kasargod	Setting up of Butterfly garden	10000
191.	GMUPS Arimbra, Arimbra P.O, Malappuram673638	Plastic free campus	10000
192.	GVHSS Cheruvannur (HS section), Kolathara P.O, Kozhikode	Touch and feel garden	10000
193.	St. Thomas AUPS, Mullankolly, Wayanad673579	Setting up of vegetable garden	10000
194.	SCGHS Kottakkal, Mala P.O, Thrissur680732	Mushroom cultivation	10000
195.	St.Antonys HSS Ammadam, Ammadam Post, Thrissur Pin680563	Waste composting measures	10000
196.	Govt.Girls HSS Alappuzha,Iron Bridge PO, Alappuzha	Setting up of vegetable garden	10000
197.	GHS Beenachi, Beenachi P.O, Sulthan Bathery, Wayanad673592	Millet garden	10000
198.	GHSS Mangad, Mangad P.O,Kollam691015	Biodiversity & Rock garden	10000

199.	Govt. R.S.R.V.H.S.S Velur, Velur P.O Thrissur680601	Miawaki Forests	10000
200.	GUPS Puliyannur, Vellattanjur, Thrissur 680601	LED Bulb Making Workshop	10000
201.	GUPS Karingari, Tharuvana P.O, Mananthavady, Wayanad670645	Setting up of bambooseetum	10000
202.	IKTHS Cherukulamba, Vattalur P.O, Malappuram676507	Plastic free campus & awareness programme	10000
203.	Lekshmi Vilasam HS, Pothencode Thiruvananthapuram	Setting up of vegetable garden	10000
204.	NSGHS, Mannar , Mannar P O, Alappuzha689622	Setting up of butterfly garden	10000
205.	PBMGHSS, Kodungallur, Thrissur Pin680664	Setting up of medicinal garden	10000
206.	SNHSS Pullamkulam, North Paravoor, Ernakulam683513	Making of eco-friendly home cleaners	10000
207.	Mubarak English School, Manjeri, Malappuram676122	Mushroom cultivation	10000
208.	St Johns HS, Nellipoyil, Meenmutty PO, Kozhikode673580	Setting up of medicinal garden	10000
209.	St George HS, Kulathuvayal, Kayanna P.O, Kozhikode	Setting up of butterfly garden	10000
210.	St.Aloysius HSS Edathua, Edathua P.O, Alappuzha689573	Waste management measures	10000
211.	St. John's Model HSS, Mar Ivanios Vidyanagar, Nalanchira	LED Bulb Making Workshop	10000
212.	GVHSS Thalikkulam, Thalikkulam P.O, Thrissur680569	Setting of Biodiversity garden	10000
213.	JNM Govt HSS Puduppanam, Kozhikode673105	Vertical tower farming	10000
214.	Nehru Memorial UP School, Valliyoorkavu, Wayanad	LED Bulb Making Workshop	10000
215.	Govt. Girls HSS Haripad, Haripad P.O, Alappuzha 690514	Setting up of medicinal garden	10000
216.	Govt H.S.S, Anchal West, Anchal P.O, Kollam691306	Setting up of vegetable garden	10000
217.	AHS Parel, Mampattumoola, Manhepatty, Malappuram679339	Setting up of medicinal garden	10000
218.	DBHS Karett, Pulimath P O, Thiruvananthapuram 695612	Setting up of vegetable garden	10000
219.	Dr. VVVKAM GRFTHS Karunagappally, Karunagapally Kollam	Setting up of medicinal garden	10000
220.	EMEA HSS Kondotty, Thurakkal P.O, Kondotty Malappuram	Setting up of vegetable garden	10000
221.	GHS Kachani, Nettayam P.O, Thiruvananthapuram	Setting up of vegetable garden	10000
222.	GHSS Vakkanad Kollam	Setting up of Bambooseetum	10000
223.	Goodwill English School, Pookkottupadam P.O, Malappuram	LED Bulb Making Workshop	10000
224.	GUPS Bheemanad, Bheemanad P O, Palakkad 678601	Setting of waste composting measures	10000
225.	GUPS Alanthara, Venjaramoodu P.O, Thiruvananthapuram	Setting of waste composting measures	10000
226.	Govt. UPS Ponmudi, Ponmudi P O ,Thiruvananthapuram 695551	Setting up of biodiversity garden	10000
227.	Govt Welfare UPS Ponnore, Ponnore P.O, Thrissur680555	Setting up of banana plantation	10000
228.	Islamic Academy English HSS, Iringal, Vatakara673521	Setting up of butterfly garden	10000
229.	KHM HSS Valakkulam, Valakkulam P.O, Malappuram676508	Setting up of butterfly garden	10000
230.	Markaz Girls HSS, Karanthur, Kunnamangalam, Kozhikode673571	Setting up of medicinal garden	10000
231.	Pariyapuram Central AUPS , Pariyapuram P.O, Tanur Malappuram	Setting up of butterfly garden	10000
232.	PSNM UPS, Veliyannoor, Velland, Thiruvananthapuram 695543	Paddy cultivation	10000
233.	Puthur Pallikkal AMUPS, Puthur Pallikkal P.O, Malappuram	Plastic free campus	10000
234.	The Kottayam Raja's High School Pathiriyad P O , Kannur 670643	Plastic free campus	10000
235.	AMUPS Kooriyad, Indianoor P.O, Malappuram676503	Setting up of vegetable garden	10000
236.	ANM UPS Gokhale Nagar, Mylambadi, Meenangadi, Wayanad	Setting up of vegetable garden	10000
237.	CMS HSS Arapetta, Meppadi P.O, Wayanad 673577	Waste composting measures & vegetable garden	10000
238.	Government High School , Kozhenchery, Pathanamthitta689643	Setting up of vegetable & medicinal garden	10000
239.	GVHSS Mananthavady, Mananthavady P.O, Wayanad670645	Setting up of Bambooseetum	10000
240.	Govt Welfare UPS Thrikkulam, Thiroorangadi P.O, Malappuram	Setting up of vegetable garden	10000
241.	Cheleri AUP School, Cheleri P O, Kannur 670604	Fruit plant nursery	10000
242.	GHSS Thonnakkal, Kudavoor P.O, Thonnakkal, tvn695313	Mushroom cultivation	10000
243.	GHS Odappallam, Valluvadi P.O, Sulthan Battery, Wayanad	Setting up of vegetable garden	10000

244.	Lourd Matha High School, Pallikkunnu, Wayanad	Setting up of vegetable garden	10000
245.	Belmont School Chempakapara, Idukki655514	Fruit tree plantation	10000
246.	Kunnummal UP school, Champad, Kannur670694	Setting up of Bambooseetum	10000
247.	PSHSS,Thirumudikkunnu, Koratty East post, Thrissur680308	Setting up of vegetable garden	10000
248.	GUPS Karingari, Tharuvana P.O, Mananthavady, Wayanad670645	Setting up of butterfly garden	10000
249.	Sarvodayam UPS Porur, Thavinjal P.O, Mananthavady, Wayanad	Setting up of medicinal garden	10000
250.	GHSS Panamkandy, Karani P O, Wayanad673591	Setting of waste composting measures	10000
251.	SMUPS Champakkara, Champakkara P.O, Karukachal , Kottayam	Setting of waste composting measures	10000
252.	Muhimmath H S S, Muhimmath nagar P O, Kasaragod671321	Setting up of vegetable garden	10000
253.	NSS HS Thadiyoor, Thadiyoor P.O, Thiruvalla, Pathanamthitta	Setting up of vegetable garden	10000
254.	Gandhi Memorial AUPS, Anjukunnu, Wayanad670645	Setting up of butterfly garden	10000
255.	Holy Family A.S.B.S Kumbala,Kumbala post,Kasaragod671321	Setting up of medicinal garden	10000
256.	NAAUP School , Manikavu, Choothurara P.O, Wayanad673596	Setting up of butterfly garden	10000
257.	AKMUPS, Kochera, Nettithozhu P O, Idukki 685551	Setting of Fruit garden in school & Mushroom cultivation	10000
258.	Bharatheeya Vidya Bhavan, Giri nagar, Kochi682020	Setting up of vegetable garden	10000
259.	DB Higher Secondary School, Kavumbhagam, Thiruvalla,	Setting up of vegetable garden	10000
260.	Govt. H S Ayilam, Ayilam P O, Attingal, Thiruvananthapuram	Setting up of butterfly garden	10000
261.	Govt Model HSS for Boys, Palace road, City P.O, Thrissur680020	Setting of waste composting measures	10000
262.	Govt. Tribal HSS, Kattappana, Kattappana PO , Idukki 685508	Setting up of Bambooseetum	10000
263.	GUPS Guruvayoor, Guruvayoor P.O, Thrissur680101	Setting of Fruit & vegetable garden	10000
264.	GUPS Malakkapara, Malakkapara PO, Thrissur680721	Setting up of butterfly garden	10000
265.	NAM HSS Peringathur, Peringathur P O, Chokli(VIA), Kannur	Mushroom cultivation	10000
266.	Nochat HSS, Nochat P.O, Kozhikode673614	LED Bulb Making Workshop	10000
267.	N.R.P.M.H.S.S, Kayamkulam, Kayamkulam P.O, Alappuzha	Setting up of butterfly garden	10000
268.	Sobhana English Medium HS, Pious gardens, Ernakulam	Setting up of biodiversity garden	10000
269.	St. Sebastian's High School, Thodupuzha, Manakkad P O, Idukki	Setting up of Miawaki forest	10000
270.	Champad West ups, Champad P.O, Thalassery, Kannur	LED Bulb Making Workshop	10000
271.	GHSS Vettilappara, Vettilappara P.O, Thrissur680721	Setting of waste composting measures	10000
272.	Govt LPS Edacode, Oorupoika P.O, Thiruvananthapuram695104	Setting up of vegetable garden	10000
273.	GSHSS Meladoor, Meladoor P.O, Annanada, Thrissur 680741	Setting up of Bambooseetum	10000
274.	GUPS Ayerkulangara, Vaikom, Kottayam686141	Setting up of vegetable garden	10000
275.	National High School, Vallamkulam, Pathanamthitta689541	Plastic free campus	10000
276.	NSS HSS Thattayil, Thattayil P.O, Pathanamthitta	Setting up of biodiversity garden	10000
277.	Sree Krishna HSS Guruvayur, Guruvayur P.O, Thrissur 680101	Setting of waste composting measures	10000
278.	V.V.H.S.S Thamarakkulam, Charummoodu,PO, Alappuzha	Setting up of Vegetable garden	8000
279.	GHSS Padinharathara, Padinharathara P.O, Wayanad673575	Setting up of Miawaki forests	8000
280.	Kariyad Nambiars UPS, Kaiyad South P.O, Peringathur, Kannur	Setting up of Vegetable garden	8000

**List of selected Ecoclub schools for financial assistance under EEP Project in
Scheduled Caste & Scheduled Tribe category.**

Sl No	Name of Schools	Activities organised	Total amount expenditure
1.	Model Residential School, Paravanadukkam, Kasargod	The school set up a Biodiversity and, Butterfly garden with springler irrigation facility, Miawaki forests is under construction	50000
2.	Govt. Model Residential School, Vellachal, Kodakkad P.O, Kasargod	The school set up a vegetable garden and irrigation facility using the funds provided.	50000
3.	Model Residential School Kannur, Pattuvam	The school set up a Medicinal garden in one cent of the school premises. They made a platform with bricks and filled it with soil and planted the saplings as the area is covered by lateritic stones	50000
4.	Govt Asramam School Kundamkuzhy PO Kasaragod 671541	Adopting measures for plastic free campus; the school installed 12 plastic bins in the school and dormitory and also made a metal waste collection bin in the school campus using the funds.	50000
5.	Govt. MRS, Railway Station P.O, Wadakkancherry P.O, Thrissur	The school set up a Biodiversity Park in the school campus including aVegetable garden, fruit and butterfly garden using the funds provided.	50000
6.	Model Residential School Ettumanoor	Setting up of Biodiversity park in front of the school and a vegetable and fruit garden also	41000
7.	Ekalavya Model Residential School Pookkode, Lakkidi, Wayanad	The school set up a Bamboo garden in the schoolcampus.140nos of bamboo planted in 50 cent area	50000
8.	Asram Model Residential School Thirunelli, Mananthavady , Wayanad	The school set up a Biodiversity Park in the school campus including various flowering plants using the funds provided.	40000
9.	Aluva Model Residential School, Keezhmadu, Aluva, Ernakulam	The school set up a vegetable and Medicinal garden in the school premises.	50000
10.	Rajeev Gandhi Memorial Asram School Noolppuzha, Wayanad	The school set up vegetable garden and rose garden in school campus with the fund released	50000
11.	Dr. Ambedkar Memorial Govt. Model Residential School, Vadakkal P.O, Punnapra, Alappuzha	The school set up a vegetable and Medicinal garden in the school premises. About 75 medicinal plants planted.	40000
12.	Ayyankali Memmorial Model Residential Higher Secondary School, Vellayani, Trivandrum	Setting up of biodiversity park in school campus	50000
13.	Model Residential School Vadasserikkara	Setting up of vegetable gardens in the school premises	50000
14.	Thrithala MRS, Parakkulam, Anakkara P.O, Palakkad	Setting up of Medicinal , butterfly and vegetable garden	50000
15.	Govt. Model Residential School, Chelakkara, Wadakkancherry P.O, Thrissur	Setting up of Vegetable garden and butterfly garden in school.	50000
16.	Model Residential School Attappady , Palakkad	The school set up a vegetable and Medicinal garden in the school premises	50000
17.	GGHS Chalakkudy , Chalakkudy P.O, Thrissur-680307	Adopting measures for plastic free campus; the school installed 10 waste collecting bins in the school and also made compost pits, waste water soaking pits with the funds.	45000
18.	Ekalavya Model Residential School	Live Green-Setting of a biodiversity garden, awareness classes	50000



Butterfly & Biodiversity Garden



Medicinal Garden





LED Bulb making workshop





Eco friendly Floor Cleaners & Soaps making



Plastic Free Campus





Mushroom Cultivation



ENVIRONMENT EDUCATION PROGRAMME KERALA
THEMATIC CAMPAIGNS & COMPETITIONS 2024

Report 2023-24
A Programme of



MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE
GOVERNMENT OF INDIA

Submitted By



**KERALA STATE COUNCIL FOR SCIENCE,
TECHNOLOGY AND ENVIRONMENT,
SASTHRA BHAVAN, PATTOM,
THIRUVANANTHAPURAM, 695004**

CONTENTS

Sl No	Item	Page No
A.	THEMATIC COMPETITIONS	
1.	Trivandrum District: Painting Competition & Essay Writing	100
2.	Kollam District: Painting Competition & Quiz Competition	101
3.	Pathanamthitta District: Painting Competition & Quiz Competition	102
4.	Alappuzha District: Painting Competition & Essay Writing	103
5.	Kottayam District: Painting Competition & Quiz Competition	104
6.	Idukki District: Painting Competition & Quiz Competition	105
7.	Ernakulam District: Painting Competition	106
8.	Thrissur District : Painting Competition & Quiz Competition	107
9.	Palakkad District: Painting Competition & Quiz Competition	108
10.	Malappuram District : Painting Competition & Essay Writing	109
11.	Kozhikode District: Painting Competition & Quiz Competition	110
12.	Wayanad District: Painting Competition & Quiz Competition	111
13.	Kannur District: Painting Competition& Essay Writing Competition	112
14.	Kasargod District: Painting Competition & Quiz Competition	113
B.	THEMATIC CAMPAIGNS	
15.	Trivandrum District	115
16.	Kollam District	116
17.	Pathanamthitta District	118
18.	Alappuzha District	119
19.	Kottayam District	120
20.	Idukki District	121
21.	Ernakulam District	122
22.	Thrissur District	123
23.	Palakkad District	123
24.	Malappuram District	124
25.	Kozhikode District	127
26.	Wayanad District	127
27.	Kannur District	127
28.	Kasargod District	129

THEMATIC CAMPAIGNS & COMPETITIONS 2024

Introduction

Thematic campaigns/ competitions aims at organising programs like Quiz, Debate, Essay, Painting, Physical Activities, Community participation, etc., would give target beneficiaries a platform for expressing their ideas and spreading their word to the public. The initiatives are under the theme of Lifestyle for Environment (LiFE) mission. Kerala State Council for Science Technology and Environment under Environment Education programme of the Ministry of Environment, Forests & Climate change organised Thematic campaigns and competitions targeting National Green Corps ecoclub students of various districts.

The programs organised under this are

1. Thematic Campaigns includes
 - Beach Cleaning Programme
 - River Cleaning Programme
 - Pond Cleaning Programme
 - Public Place Cleaning
 - Awareness Classes
2. Thematic Competitions includes
 - Painting
 - Quiz
 - Debate
 - Essay Writing

LiFE Theme: Water Conservation: Water Resources are essential for every development activity, not only in terms of available quantity but also in terms of quality. Population growth and urbanization are increasing, the number of users and uses of water, making water resources scarcer and more polluted. Changes in rainfall patterns threaten to worsen these effects in many areas. Water scarcity, due to physical lack or pollution, has become one of the most pressing issues globally, a matter of human, and economic and environmental insecurity. Wastewater, whose value had not been appreciated until recently, is increasingly recognized as a potential 'new' source of clean water for potable Water bodies, such as lakes, rivers, and oceans, are essential for the survival of all living beings on Earth.

However, due to increasing human activities, these water bodies are under threat, which has led to the need for conservation. Water conservation involves the protection, management, and restoration of water resources to ensure their sustainability for future generations.

As part of Environment Education Program “Thematic Campaign 2024” runs by Kerala State Council for Science Technology and Environment, Govt. of Kerala Ministry of Environment Forest And Climate Change, Govt. of India cleanup activities organised by National Green Corps of various districts at different coastal areas, rivers and ponds during the month of November- March 2024.

District Implementation and Monitoring Committees of various districts selected the major River banks, Beaches and Public ponds and were cleaned as part of this cleaning drive. About a ten thousand students from various NGC schools participated in this cleaning up drive and the drive witnessed voluntary participation of students, public representatives, officials, civil society organizations, clubs, etc.

A. THEMATIC COMPETITIONS

Thematic competitions were conducted as a part of bringing environmental activities to the children. All the competitions were conducted to develop the ideas and imagination of the children about various topics and the thematic competition was done to transform the children into better environmental activists

Thematic Competitions organised in each districts

14 painting, 9 Quiz, 4 Essay Writing

2050 participants

- | |
|--|
| 1. Trivandrum District: Painting Competition & Essay Writing Competition |
| 2. Kollam District: Painting Competition & Quiz Competition |
| 3. Pathanamthitta District: Painting Competition & Quiz Competition |
| 4. Alappuzha District: Painting Competition & Essay Writing Competition |
| 5. Kottayam District: Painting Competition & Quiz Competition |
| 6. Idukki District: Painting Competition & Quiz Competition |
| 7. Ernakulam District: Painting Competition |
| 8. Thrissur District : Painting Competition & Quiz Competition |
| 9. Palakkad District: Painting Competition & Quiz Competition |
| 10. Malappuram District : Painting Competition & Essay Writing Competition |
| 11. Kozhikode District: Painting Competition & Quiz Competition |
| 12. Wayanad District: Painting Competition & Quiz Competition |

13. Kannur District: Painting Competition& Essay Writing Competition

14. Kasargod District: Painting Competition & Quiz Competition

1. Trivandrum District

EEP Kerala under DIMC Trivandrum organised Painting, Quiz and Essay writing competitions for school students on 09.12.2023 at Govt City VHSS Trivandrum. 150 students from various schools participated. The programme was inaugurated by Dr. N. Radha Krishnan. The programme was organised by Binny Sahithy, District Coordinator NGC along with Reji Kunnumpurath, Mehaboob, Biju Varghese etc.

Winners list

Painting Competition

LP section	UP section	HS Section
1. Nia S. Anup, CarmelHSS 2 Bharat Krishna, Govt. UPS Puthichal 3. Benny Bunnet, KV SAP Peroorkada	1. Devi Priya, Carmel HSS Vazhuthacaud 2. Surya D, GHSS Anchamada 2 Nihara, Carmel School Peyad 3 Muhammad Shahbaz, Darshana. HSS Consolation Arjun Narayan,Chinmaya Vidhyalaya, Naruvamudu	1. Arabhi GS, Govt. VVHSS Vithura 2. Devaki D, Carmel GHSS Thiruvananthapuram 2. Rajalakshmi .JS, SKV HSS Nanniyode 3 Devika Suresh Kumar, Cotton Hill HSS 3. Alina. P,Carmel HSS Consolation: Muhammad Shafanas, Darsana HSS Nedumangad Athira P. S, Carmel HSS Vazhuthakkad

Essay writing Competition

UP Section	HS Section
1. Mishal Imran, St Shanthal E M School 2. Mitra. S, Carmel GHSS Vazhuthacadu 2. Fida Fatima, GGHSS Manacadu 3. Priyananthana. NR, GMHSS Pattom Consolation: Sivapriya AS,	1. Daya Nandana, ChristNagar SSec School 2. Namitha Babu, V&HSS Mulavana 3. Abhinav Krishna S, Govt VHSS Vithura 3. Rudra Suresh, Chinmaya Vidyalaya, Attukal Consolation: Vipanchika, Darsana HSS Nedumangad

Quiz competition

LP Section	UP Section	HS Section
1) Trikey legend, DIET Attingal 2) Naureen Fathima,Darsana HSS 3) Raman R Nair, Chinmaya Vidhyalaya	1) Mithra, Carmel HSSVazhuthacaud 2) Heavena Binu, SMTGHSS Chelakkara 2) Minna Renjith, Christ Nagar Central School 3) Krishnadhan V, Darshana HSS	1) Aleena AP, Carmal GHSS 1) Abhinav Krishna S, GVHSS Vithura 2) Devaki DS. Carmel HSS 3) Akshaya Pradeep, GGHSS Cotton Hill

Prizes were given to the winners by Hon'ble District Collector Trivandrum at Collector ate Hall on 19th February 2024.



2. Kollam District

EEP Kerala under the DIMC Kollam organised Environmental Painting and Quiz Competitions for school students of UP, HSS section on 03.03.2024 at Marthoma Girls High School Kottarakkara. 97 students from various schools participated in the Painting and 98 students participated in the Quiz competition.

The children, who had pre-registered their names reached the Kottarakkara Marthoma Girls High School at 9.00 am, entered the hall specially prepared for each section and secured the registration and started the various competitions from 10.00 am onwards.

The topics selected for painting in each group are UP- The groans of the river / HS- Sundara Village Biodiversity Village/ HSS - An Ode to Earth

The topics selected for Quiz was Environment, General Knowledge and current affairs. After the competitions the prize distribution to the winners were done by Shri. Jacob Abraham, Headmaster, Marthoma Girls High School Kottarakkara.

Winners list

Painting Competition

UP section	HS section	HSS Section
1. Anuroop A , Govt HSS Ashtamudi	1. Ananya S. Subash Vimala	1. Adithyan A KRGPM
2. Abhishek A Govt HSS	Hrudaya GHSS Pattathanam	VHSS Odanavattom
Anchalummoodu	2. Diya B Govt HS	2. Alan S. Joy GP VHSS
3. Sreyadath S St Joseph's Convent	Pooyappally	Perumkulam
GHSS Tuet	3. AMAL AR Marthoma HS	3. Anand S Govt VHSS
	Channapetta	Cheriazheekal

Quiz competition

UP section	HS section	HSS section
1. Hitha HS SCV UPS Mynagappally	1. Chithira SR NSS HSS	1. Sreejith Unnithan GP
2. Chaithresh SR Srkst UPS Perumon	Prakkulam	VHSS Perumkulam
3. Abdul Razak Govt UPS CHittoor	2. Abhishek S Chempakassery	2. Devananda AP Govt HSS
	HSS, 3. Muhammed Bilal R	Anchel West
	EVHSS Neduvathoor	3. Ananya P Govt Model HSS
		Kulasekharapuram

3. Pathanamthitta District

EEP Kerala under the DIMC Pathanamthitta organised Environmental Painting and Quiz Competitions for school students of UP, HSS section on 03.02.2023 at DBHSS, Thiruvalla,Pathanamthitta. 78 students from various schools participated in the Painting and 80 students participated in the Quiz competition.

The Quiz progamme was inaugurated by Prof .Sarma (Retd. Prof in Physics). The Quiz Masters were Dr.S Vidhu (Principal Padasala Pathanamthitta), Prof. P G Philip (Retd) and Biju Mathew K.C (H S A Retd)

The topics for UP-Environmental Pollution, HS- Global Warming and HSS- Challenges of Sustainable Life Style

The Objective of the Session was to evaluate the knowledge of the participants and help them to gain broad and specialized understanding of the subject in sustainable life style and to make them familiar with the prospectus of Quiz programs. Throughout the competition children stayed relaxed and enjoyed the program. After the competition Participation certificates were awarded. Snacks were served after the program. Results of the competition were declared just after the competition. Mementos, Prizes and Certificates were awarded to the winners accordingly.

The Painting Competition was inaugurated by Artist C P Prasannan-Director, C K RA Art & Craft School, Thiruvalla. The Invigilators were C P Prasannan (Director. C K RA Art & Craft Skool, Thiruvalla), Divya Rajesh (Art Teacher S N V S HS Thirumoolapuram) & Udaya Raj A M (Retd. Drawing Tr. Govt. HSS Pathanamthitta). The Topics selected for each group were UP- Green and Clean Environment, HS- Sources of Pollution, HSS- A Model Sustainable City. After the competition Participation certificates were awarded. Snacks were served after the program. Results of the competition were declared on 7-02-2024 and Mementos, Prizes and Certificates were awarded to the winners accordingly.

Winners list

Painting Competition

UP section	HS section	HSS Section
1. Aswin A Nair, DBHSS, Thiruvalla	1. Dharshith. MJ, National High School, Vallamkulam	1. Amalnath K P, THSS, Mallappally
2. Niranjan P Nath, AMMHSS,AMHSS,Edayaranmula	2.Abhiram. P, GHSS, Thiruvalla	2. Alan T Biju- THSS, Mallappally
3. Chinmaya. M, SCSHSS, Thiruvalla	3. Rini Koshy, GHSS, Thottakkonam	3. Athul Gopakumar, GHSS , Peringara
3. Akshya Aneesh- SCSHSS, Thruvalla		

Quiz Competition

UP section	HS section	HSS Section
1. Devananda. L- DBHSS , Thiruvalla 2. Karisma Jaya John, GMHS, Thiruvalla 3. Anagha S Anil, GMHS, Thiruvalla	1.Navaneeth Dileep, National HS , Vallamkulam. 2. Abhishek Pramod, DBHSS, Thiruvalla. 3. Nadiya Najmudeen, GHSS, Thittakkonam 3. Gautham Krishna, DBHSS, Thiruvalla	1. Anagha Roopesh, DBHSS, Thiruvalla 2. Amisha. A , DBHSS, Thiruvalla 2. Anvitha Ram, DBHSS Thiruvalla 3.Keerthana. B Kurup, DBHSS, Thiruvalla



4. Alappuzha District

EEP Kerala under the DIMC Alappuzha organised Thematic Competitions, Painting & Essay Writing for students of UP, HSS section under NGC Eco clubs 2023-24, 228 eco club students from about 125 schools participated in competition.

Environmental Painting Competition was held at Govt. Girls HSS Auditorium Alappuzha on 10.02.2024 and Essay writing Competitions at Govt. Girls HSS Smart Halls Mavelikara on 12.02.2024.

Essay writing competition: Wetland Conservation (all categories)

No of participants: 82

Painting competition: Topic: a) LP: Save Tree, Save Earth/ b) UP: Clean, Green Environment / c) HS: Pollution free City/ d) HSS: Urbanization and Environmental imbalance. No of participants: 146 (Alappuzha:76, Mavelikara:70)

At Alappuzha 4 teachers and in Mavelikara 4 teachers deployed for conducting the competition. Separate Judging panel (3 no's each) evaluated all painting and essays . Mementos and certificates issued fo all winners (First, Second & Third prizes). Issued special prizes and certificate to four education district level toppers. At Alappuzha Smt. Sobhana, Asst. Education officer Alappuzha distributed prizes to winners. At Mavelikara, Sri.Sunny PO, District Education Officer, Mavelikara distributed prizes to winners.

List of Winners

Painting Competition

LP 1.Sarayu R, Govt. LPS, Peringala 2) Shreya S, AVS Govt' LPS, Kizhakkekara & Adrija K AnooP, Govt. JBS, Cheri Yanad 3) Raihan, Kit English HS, Kareelakulangara	UP 1)Theertha S, CMS HS, Kattanam 2) Vimal Sad. S, DV HSS, Charamangalam 3) Uthara Saji, St. Antony's Girls HS, Alappuzha & Anusree Vinod, SVD UPS, Purakkad	HS 1) Aravind Sudeep, HSS, Chettikulangara 2) Rida Aslam, St. Joseph's Girl's HSS, Alappuzha 3) Anand R, Govt. Muhammadans HS, Kollakadavu & Gouri Parvathy S, Lutheran HSS, South Aryad	HSS 1) Soumini S, Chinmaya Vidyalaya, Sanathanapuram & Joash Mammen Thomas, carmel Academy HSS, Alappuzha
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Essay Writing

LP 1) Niveditha R, SDV Govt. UPS, Neerkunnam 2) Anush L, Kumarapuram North GLPS, Karuvatta 3) K N Sivanandana Sarath, GUPS, Kadakkarapally	UP 1) Nihal N Ismail, WHSS, Thamarakulam 2) Sivani B Nair, St Joseph's Girls HSS, Alappuzha 3) Keerthana S, Carmel Academy HSS, Alappuzha	HS 1)Anaswara Aneesh, Govt. HS, Kuppappuram 2) Hafsa Ansar, Govt. Muhammadans GHSS, Alappuzha & Arundathi S, KKKVM HSS, Pothapally 3) Gangadevi K, NRPM HSS, Kayamkulam & Krisa Rose Thomas, BK Public School, Champalulam	HSS Special Prize 1) Danita Joshy, Carmel Academy HSS, Alappuzha
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5. Kottayam District

District Implementing and Monitoring Committee of Kottayam organised Thematic competitions, Painting & Quiz for students of UP, HSS section under NGC Eco clubs 2023-24, on 27/01/24 at Govt U.P.S Maalam. 50 students from various schools participated in the Painting and 41 students participated in the Quiz competition

Winners list

Painting 1. R Gowri Sankar, Kendriya Vidyalaya, Vadavathoor, Kottayam 2. Diya Satheesh, Mt. Carmel GHS, Kottayam 3. Angel Maria Tom, Mary Mount Public School, Kattachira	Quiz 1. Aadithyan.T. Lajo, Emmanuel HSS, Kothanelloor 2. Sabarinath. G, GHSS, Thekkenada, Vaikom 3. Ann Mariya Shibu, St.Mary's EMS, Manarcad
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After the completion of the competitions Prize money and Certificates were distributed by Sri. Prasannan Anickad, (President, Cartoon Academy).



6. Idukki District

Thematic competition in Idukki District was held on 29th January 2024. The venue of the event was CEC Hall Vellayamkudy. Painting - water color competition was started at 10:00 AM and Quiz at 1:30 PM. There was closing ceremony at 3:30 p.m. Certificates were issued on the same date. Cash prize and gifts were given away on 7th February Wednesday at 11.00 AM. All NGC schools were directed to send students having the quality of painting - water colour - and quiz contest. Seventy eight students registered for the competition. Seventy contestants were present on the day..

Painting Competition

As per our intimation to schools, students came at the 9:00AM and registration started at 9:30AM. In the presence of students, painters, teachers and parents, the competition was inaugurated by the artist Rajasekhar R, Then he gave the theme to the students. The theme was perfectly interpreted by him. Three paintings added to this report. Thirty students were there for the painting competition. They were given drawing sheets and pencils for the needy. The contest finished at 12:30 p.m. Food arranged for them in time. Almost all students and teachers were there including the contestants for quiz.

UP Section 1. Ayona Maria Joseph Ossanam EMHSS Kattappana 2. Krishnapriya Ajai Ossanam	HS Section 1. Aromal Jiji SGHSS Vazhathope 2. Akshaya Jiji Vimala HS	HSS Section Anakha Sabu SGHSS Kattappana Shivany S. GHSS Anakkara
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EMHSS Kattappana 3. Hridhya Bino GEMGHS Santhigram 3. Haripriya Ajai Ossanam EMHSS Kattappana 3. Govind Satheesh EMRS Painavu	Vimalagiri 3. Punya Mol Shiju SGHSS Kattappana 3. Sneha Mol Sajjan MMHS Nariampara	Sachin Sudheesh GHSS Anakkara
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Quiz Competition

After registration for the quiz competition, the students were given proper guidance by the Quizmaster Jayakumar R. He asked 15 general questions and 35 environment based questions. There was a team of three members in the quiz contest panel. The quizmaster and team introduced a new method of contest. The contestants were pleased with the new method. Each team consists of two members. Quiz programme finished at 3:30 p.m. and declared the winners. The contest for UP, HS and HSS sections. Three prizes (first, second and third) were declared and given them on the victory day.

UP Section	HS Section	HSS Section
1.GEMGHS Santhigram 2. SJUPS Kattappana 3. SMHS Vazhava 3 SMUPS Manipar	1. MMHS Nariampara 2. GEMGHS Santhigram 3. MESHS Vandanmedu	1. GTHSS Kattappana 2. SJHSS Vellayamkudy 3. SGHSS Kattappana

The Thematic competition created a festivity mood among the students and the audience. It got stuck in the mind of the participants for evermore. The students attended the programme from a long distance. The EEP of KSCSTE highlighted the importance of Eco clubs in schools and the need for the protection of our green land.



7. Ernakulam District

As per the KSCSTE-EEP program NGC, Ernakulam district organised two Thematic Painting competitions at two schools 23/3/2024 at St Thomas School Malayattoor and 27/3/2024 at SNV SKT HSS School North Paravoor. There are Eighty Students attended

the competition in two Schools (26, and 54 students of from each school. The programme is categorized into three viz UP, HS & HSS.

The programme is evaluated experienced by external Judges and Prizes are are distributed at the end of the program. The topic is related to Nature and save nature. They have drawn the picture according to the topic and their view in Conservation of nature. The mementos are distributed with by the chief guest and certificates were issued to all participants, the program wind up by afternoon.

As per the KSCSTE - EEP Progremme sanctioned (Order No. 352/2023 KSCSTE)- Conducted thematic competitions for Eco-club students. The programme is inaugurated by Municipal Chairperson M. J Raju and PTA president K B Subash, the below mentioned students are the prize winners of the competition.

Winners list

UP Section	HS Section	HSS Section
1. Neeraj T R 2. Anamika Anil 3. Mitra Anand	1. Krishna A R 2.Atheena K S 3. Shivani M Naik	1.Pranav K K & Sara Shiju 2. Athira Anilkumar & Edwin Joy 3. Adwaith V S & Aijith Chandrasekaran



8. Thrissur District

EEP Kerala under DIMC Thrissur organised Painting & Quiz competitions for school students on 07.02.2024 at Government Model Girls Higher School Thrissur. 150 students from various schools participated 25 schools in UP category and 36 schools in high school category participated in the Quiz competition. In the painting competition, 25 students participated in the UP section and 30 students participated in the high school section.

The programme was inaugurated by Radhika.O (Asst. Editor Mathyabhoomi)Thrissur Secretary Press Club Forum Thrissur, DEO Dr. Ansar .A.S. Presided over and felicitated

the teachers who won the Harithamitra award. Iringalakuda DEO distributed prizes to the winners

Quiz Competition

UP Section	HS Section
1. Sreehari PN.HS Anthikkad & Harinandana P, GHSS panjal	1. C S Ananthakrishnan Nair GVHSS Puthukkad 2. Sourav Suresh.GHSS Peechi 3. Dhanul Krishna C S, AIHSS Padoor

Painting Competition

UP Section	HS Section
1. Aiswarya TV, GHSS Panjal 2. Aavind Krishna.KS, Nirmala Convent UPS Ayyanthole 3. Siyankrishna PS,GVHSS Valappad	1. Nridev Manoj, Chaldean Syrian HSS Thrissur 2. Prathyush K Prasad, CMSHSS Thrissur 3. Sailakshmi TS, SSKHSS Puranattukara

9. Palakkad District

Thematic competitions for Ecoclub students of Palakkad district was held on 07/01/24 at Aashrayam Rural Development Society, Kollengod. National Green Corps Palakkad organized two thematic competitions

1. Environmental Quiz competitions for UP, High School and Higher Secondary students.
2. Poster making competitions for UP, High School and Higher Secondary students.

Participation for UP and High School was satisfactory but the participation from Higher secondary was not satisfactory compared other category students. So online competitions planned and executed.

Program conducted at Aashrayam Rural Development Society, Kollengod on Jan 07th, 2024. Over 70 students participated from both UP and HS section. The program planned in continuation with NNCP. More students joined on the day by information sent to all Schools of Palakkad district.

Environmental Quiz was conducted first with the support of Aashrayam Volunteer support and Judges from Eco-club co-ordinating teachers. Questions Related to Forest, Wildlife, Endangered species, Medicinal plants and some National and International important days and information. Competition conducted in 3 stages where 25 questions given in the first set. From the winners 10 questions were given. In the last round 5 questions were given as first respondents and winners are selected.

The theme for poster making competitions was focusing the ‘Responsibility of Indian citizen to protect forest and Wildlife’. The judgement was made by two eminent Environmental Artists such as AG Sasikumar and Sahyadri Ratheesh.

Winners from Upper primary category and High school category done separately. All the competitors and the winners were given concerned Certificates. Winners were honoured by awarding school bags and Medicinal plants as memento. The certificates and mementoes were given by Sri Mayankutty, Retired Railway officer and Environmentalist. Higher secondary competition conducted online in which over 250 students participated for Online Quiz which was led by NGC Palakkad Educational District Co-ordinator Sri. KA Ajesh mash from Kottayi school. Poster competition was Judged by the well-known Artists such as Jhonson and lissy.

Higher Secondary Poster making winning posters First: Amrutharaj EP, GOHSS, Perumudiyoor, Pattambi second and Third by Fathima shifa GHSS Alanellur and Adarsha K, Sree Krishna HSS, Nalleppilly, Chittur. The competitions brought a lot of scope for awareness in the society especially among students in need and necessity on Nature conservation.



10. Malappuram District

EEP Kerala under DIMC Malappuram organised Essay writing competition and Drawing competition for LP, UP, High School and Higher Secondary students of Malappuram district at Manjeri Boys Higher Secondary School on 20th January 2024. 180 students participated in two days programme.

Municipal Chairperson VM Subaida inaugurated the event held at Manjeri Boys Higher Secondary School. Awareness classes on various environmental issues were held for the teachers and parents accompanying the children who had reached the thematic competitions. District Coordinator O Hamidali on the topic of Biological Wealth around us, P. on Energy Conservation. Dr. Jabir on Naturals. Pramod Irumbuzhi and spoke.

Painting Competition

LP Section 1. Shravan K.P-GMUPS Valapuram 2. Sayuj-GUPS Pulloor 3. Mohammed Asad. P MDPSUPS	UP Section 1. Neha Fathima. P-GMUPS Nilambur 2. Gayathri Sr-Little Flower English Medium School Karuvarakundu. 3. Rimsha Akbar TT-CAKM GMUPS Cherur	HS Section 1. Afra Zehna. IT - GHSS Karuvarakundu 2. Yadhu P Mahesh-GHS Perakamanna 3. Mishal PPPMHSS Kottukkara
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Essay Competition

UP Section 1. Surya. P- GHSS Karuvarakundu 2. Noura Fathima Ck - GMUPS Nilambur 3. Abhinanda N - GVHSS Kizhuparamba	HS Section 1. Iffah. C. K- Peace Public School Kottakkal 2. Fathima Sana K.P-GGVHSS Wandoor 3. Abhinaya - GHSS Irumbuzhi	HSS Section 1. Lubaba K. V- GBHSS Manjeri 2. Shehin Sahad.K - PMSAHSS Elankur 3. Krishnakripa. K - GBHSS Manjeri
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11. Kozhikode District

EEP Kerala under DIMC Kozhikode organised Painting competition for UP, High School and Higher Secondary students and Quiz for HS students of Kozhikode district at Ramakrishna Mission Higher Secondary School, Meenchanda on 18/02/2024. 180 students participated in the programme, 125 nos for Painting and 55 for Quiz programme.

Painting Competition

District level painting competition for LP, UP and HS was conducted at Ramakrishna Mission Higher Secondary School, Meenchanda on 18 January 2024. The topic for the painting was "Environment and life". Pencil, Crayons and Water Color mediums were allowed. Drawing sheets were provided by the organisers. Roney Devassya, renowned artist & Asst. Professor, Animation & Visual Effects, St. Joseph's College Devagiri (Autonomous), Kozhikode inaugurated the competition by performing a live painting. G. Manoj Kumar, Principal, Ramakrishna Mission Higher Secondary School, Meenchanda

presided over the function. M.A. Johnson, environmentalist and member, DIMC, Kozhikode circulated the environmental message to the students. P. Sidharthan, District Co-ordinator, NGC, Kozhikode welcomed the gathering and Ramesh Babu P., Member, DIMC, Kozhikode expressed vote of thanks.

Winners list

Painting Competition

LP Section 1. Krithik E, MSS Public School, Mavilikkadavu 2. Nivedh P., Azchavattom GLP School, Kozhikode 3. Aysha Mehek, Prestige Public School, Mankavu 3. Diya Lakshmi, St. Francis HSS, Kundayithode	UP Section 1. Ziya Fathirna M., GGVHSS Feroke 2 Fathirna Naja, St. Xavier’s UP School, Peruvayal 3. Rithika Ghosh P., Class: V, GUPS Thiruvannur	HS Section 1.Theertha S., Class: X, GVVHSS Thamarassery 2. Varada M., Class: IX, GGVHSS Feroke 3. Fathima Fida V., Class: VIII, BEM Girls HSS, Kozhikode
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Quiz Competition

After school level competitions, a total of 55 students from 29 schools were registered via Google Form for district level quiz competition. To avoid the difficulty in managing physical quiz competition, a preliminary online-quiz was conducted among these students and 14 students were selected form participating in district level competition. Mithun Venugopal, Research Scholar, KSCSTE-MBGIPS, Kozhikode was the quiz master. He conducted the quiz competition in the audio visual room with many rounds. The following students were declared as the winners

1st Prize: Vyga B Nair, Class: VIII, NHSS Nochad

2nd Prize: Anvi T., Class: VIII, NHSS Nochad

3rd Prize: Sanjay R. Krishna, Class: VIII, Naduvannur HSS

After the competitions, the winners of painting and quiz competitions were declared on the and prizes were distributed. The prizes, books, mementos and certificates were distributed by Swami Narasirnhananda, the Manager of Ramakrishna Mission Math, Kozhikode. G. Manoj Kumar (Principal, Ramakrishna Mission Higher Secondary School), Roney Devassya (artist), M.A. Johnson (environmentalist), P. Sidharthan (District Co-ordinator, NGC) and Ramesh Babu P. (Member, DIMC Kozhikode) were also present in the occasion.Certificates to all participants also distributed

12. Wayanad District

EEP Kerala under DIMC Wayanad organised Under the auspices of the MOEF& CC, Kerala State Science and Technology Environment Council and National Green Corpse Wayanad district, organised the thematic competition as part of the Environmental education programme. On 15th January 2024, Painting competition was conducted for UP, High School and Higher Secondary students of the district at HIMUP School, Kalpatta.

The winners

Painting Competition

U.P. Section	HS Section	HSS Section
1. Afman K. GHSS Panangandi 2. Nithin Manoj GUP School, Kanyampata 3. Devika V.A. St. Joseph's English Medium School	1. Aijin. O.A, GHS Beenachi 2. Saranya C.V, GVHSS Kalpetta 3. Anunaya Ammala, GHSS Thariyodu	1. Ardra Jeevan, GHSS Meenangadi 2. Samanya V.P, SHHS Dwaraka 3. Nahla K P, St Joseph HSS Meppady

DIMC Wayanad organised Quiz competition at MSSRF Puthoorvayal on 30th January 2024. The programme was inaugurated by SSA District coordinator Shri. V Anikumar in the meeting presided by Smt. Dhanya C.S, Scientist MSSRF.

Quiz Competition

U.P Section	HS Section.	HSS Section
1. Dilnath. J. GHSS Valat 1. Shalga P.S. AUPS Papur. 2. Kash V Sudeesh GMUPS Anjukunnu 2. Adish CA, Sarvodayam UP.School Porur 3. Deva Krishna Lenish, St. Sebastian AUPS Padichira 3. Karthik Chandra GVHSS Kalpatta	1. Abhinand.CS, GHSS Kollery 1. Snigda S G, GHSS Thariyodu 2. Ansa.P, GHSS Taruvana 2. Ansaf Aman, A.S. GHSS Perikkallur 3. Albi Jose, St. Thomas HSS Natavayal 3. Gautam Krishna AJ. GHSS Moolankavu	1. Abhina Mohan St. Joseph HSS Meppadi 2. Laya Fatima - St. Joseph's HSS Meppadi 3. Linta Thomas - GHSS Vaithiri



13. Kannur District

As a part thematic competition Kannur district organized 2 essay writing and one painting competition for UP and HS section students. Through DDE, DEO and AEO passed the message of competition to all schools in Kannur district. Email and WhatsApp messages are used for this. Prepared Google for each competition and mailed it to all schools. Through the Google form, the registration process started on 28 January 2024. 95 students

from 51 schools registered for the programme. The subject ‘Wetlands and its importance’ was given to all.

The function was on 10th February 2024 at Govt UP School Thavakkara, Kannur 10 am to 1 pm. 95 students from 51 schools participated in the essay writing and painting competition. After the competition, a class was done by Sri .T P Padmanabhan . 95 students 51 teachers and parents attended the class. During the class, T P gave a clear picture of the Wetlands and its importance. Discussed the main problems connecting with wetlands. Participants also joined the discussion, students asked some doubts. Clearing all doubts and ending the programme after lunch. After evaluating the essay and painting select the students as below.

Essay Competition		Painting Competition
UP Section	HS Section	HS Section
1. Vedika V S Govt Brennen HSS Thalassery	Sradha Rathnan Rani Jai HSS	1. Sivanand Dileep Chovva HSS
2. Medha Anil Kadankuni U PS	Shaza Fathima G H S S	1. Swetha Manoj Rani Jai HSS
3. Sreelakshmi Ajayakumar Moothedath HSS Thalipparamba	Chavassery Shivani S Nambiar IMNSGHSS Mayyil	2. Vishal P AVS Ghss Karivellur
		3. Vishal P Chembilode HSS

The prize distribution and congratulation function was conducted on 28th March 2024 at Guru Bhavan, South Bazar, Kannur.

14. Kasargod District

EEP Kerala under DIMC Kasargod organised Quiz and painting competition for UP, High School and Higher Secondary students of Kasargod district at VPPMKPS GVHSS Trikaripur on 20th January 2024. 180 students participated in the programme.

The programme was inaugurated by Sri. Ramesan Punnathiriyen, AEO Cheruvathur. Smt.Baija HM of the host school presided over the function. NGC Co-Ordinator Smt.T.M Susmitha welcomed the gathering and Co Co-ordinator Sri. Hariharan T.V delivered vote of thanks. In the afternoon an awareness class was conducted for students by Sri.T.P.Padmanabhan (Director, SEEK) on the importance of wetland conservation. Participants were given refreshments and Lunch.

QUIZ

Theme of Quiz was “Wetland conservation” and 34 students from UP, HS, &HSS section participated in the programme.

List of winners

UP	HS	HSS
1. 1.Safdar Raj , Durga HSS Kanhangad	1. Thejal, GHSS Pakkam	1. Niranjana Krishna, GHSS Pakkam
2. Sreya Subin- St.Paul’s AUPS Trikaripur	2. Theertha Prakash,CKNS GHSS Pilicode	2. Rithik. M
3. 3. Sidharth.K ,GHSS Bella East	3. Sandesh.K, Durga HSS Kanhangad	3. Fayas P P

II) Painting (Water Colour) Competition

Main theme of Painting competition was Wetland conservation, threats and challenges.40 students from UP,HS &HSS sections of kasaragod District participated in the programme.

Following are the winners.

UP	HS	HSS
1. Gouri Parvathi, Durga HSS Kanhangad	1. Rohan Thomas ,GHSS Bella East	1. Akash.P , GHSS Pakkam
2. Parvan Jayaprakash , GHSS Pakkam	2. Vasudev.P, GHSS Udinur	2. Athul Krishnan, GHSS Udinur
3. Thejeshwar.K , St.Paul’s AUPS Trikaripur	3. Pallavi. C.K, CKNS GHSS Pilicode	3. Sravan Sreedharan, GHSS Hosdurg.



B. THEMATIC CAMPAIGNS

1. Trivandrum District

The thematic program was conducted in two parts

Green Assembly

DIMC Trivandrum district is organised Children's Green Parliament to discuss environmental issues on 18th January 2024 in the Old Legislative Building of Kerala Niyamasabha. The program was organised under the Thematic Campaign program of Environment Education Program of the Ministry of Environment Forests and climate change & KSCSTE.

The Children's Green Parliament was a great platform for young minds to discuss and propose solutions to environmental issues. 150 participants from various schools have been selected for the Green Parliament event. The selected students represented the Governor, Chief Minister, other Ministers and Opposition leaders, watch and security guards for the event. The focus of the Green Assembly was to create awareness for young generation on various environment problems near us and to educate and engage young minds on environmental conservation. The programme was inaugurated by the Honorable Speaker Shri. A.M Shamseer. Shri V.K Prasanth , MLA, Dr. Anilkumar C, State Nodal Officer EEP, Smt. J. Thanakmony, DDE and Dr. Anuja MM, Project Officer EEP attended the programme. The Valedictory function of Green Parliament was inaugurated by Minister Ramachandran Kadanapalli in the meeting presided by Shri Adv. Anthony Raju, MLA. Prizes were distributed by the Minister to the participants on the occasion.

Cleaning/ Plantation& Awareness Campaigns

Many programs were organized in addition to the concept of sustainable life centered on the sub-districts. In the seven sub-districts, many programs were organized in collaboration with various schools, such as beach cleaning, school vegetable garden, filament-free bulb making, and paper waste box making. Millet Garden, Millet Festival Food Fest - Kara Nel Padam, Koitutsavam Nattar Fly Park, and Drinking Water Project etc. were held as part of this.



2. Kollam District

Sl No	Educational District	Venue	Date	Activity
1.	Punalur	Edamon UPS, Edamon-Waiting shed & Road side	13.02.2024	The waiting center near Edaman junction in Punalur sub-district and the sides of the national highway around it were cleaned by children, teachers and guardians. People's representatives participated in awareness rally and cleanliness drive. An awareness class was also conducted. Participants: 80
2.	Chadayamangalam	Govt UPS Kadakkal-Childrens Park in Kadakkal	13.02.2024	The children's park near Kadakkal Gound in Chadayamangalam sub-district and the area around it were cleaned by children, teachers and guardians. People's representatives participated in awareness rally and cleanliness drive. Then an awareness class was conducted. Participants : 73
3.	Karunagappally	SJ UPS Clappana - Thottathil Mukku Market	15.02.2024	Children, teachers and members of the MPTA cleaned the market near the corner at Klappana plantation in Karunagappally sub-district, along with the sides of the road and the waiting area. People's representatives participated in awareness rally and cleanliness drive. An awareness street play was performed by the children at the junction. Then an awareness class was conducted. Food was also provided. Participants : 71 to those who participated thereafter
4.	Chathannoor	NSM GHS Kottiyam - Infront of School & Hospital	15.02.2024	Children of Kottiyam NSMGHS in Chathannoor sub-district cleaned the public road near Kottiyam Holy Cross Hospital and School and the surrounding area. Eco Club children, SPC members, JRC members and teachers joined this. People's representatives participated in awareness rally and cleanliness drive. Awareness class was conducted. Participants : 76
5.	Kundara	KKV UPS Muttakkavu-Junction & Road side	15.02.2024	The public road from Muttakao Junction to the school in Kundara sub-district and the surrounding area was cleaned by children, teachers and guardians. People's representatives participated in awareness rally and cleanliness drive. Then an awareness class was conducted on the topic 'Plastic waste is a danger to the earth'.

				Participants: 55
6.	Kottarakkara	Govt WUPS Ampalappuram-Public Pond cleaning ST UPS Sooranad-Vayanasala Jn to school cleaning	16.02.2024	A public pool near Ambalappuram town in Kottarakkara sub-district was cleaned by children, teachers, guardians and SMC members and after that 'public water conservation awareness was conducted. People's representatives participated in these programs. Participants : 75
7.	Sasthamcotta	ST UPS Sooranad – Vayanasala Jn to school cleaning	16.02.2024	Children, teachers and guardians cleaned the Shuranad, Vadagshala junction in Shastamkota sub-district, planted flowering plants and arranged beautiful flower pots near the school. An awareness rally was held. People's representatives participated in awareness rally and cleanliness drive. An awareness class was also conducted Participants : 78
8.	Kollam	Govt UPS Kavanad - Kavanad Market cleaning	19.02.2024	The public market near Kavanad town in Kollam sub-district and its surrounding area was cleaned by children, teachers and SMC members. Children also collected organic and non-organic waste separately. People's representatives participated in awareness rally and cleanliness drive. An awareness class was conducted. Participants : 71
9.	Veliyam	Govt WUPS Veliyam-Cleaning Public Library & premises	19.02.2024	The public library near Veliyam town in Veliyam sub-district and the public space adjacent to it were cleaned by children, teachers and guardians and saplings were planted. People's participated in awareness rally and cleanliness drive. An awareness class was conducted for children to understand the need for nature conservation. Participants : 76
10.	Anchal	NV UPS Vayala - Cleaning Vayala Jn & Road side	19.02.2024	Children, teachers, guardians and members of SMC conducted cleaning and awareness rally from Viala junction to school and both sides of the road in Anchal sub-district and public representatives participated in awareness rally and cleaning programme. Participants: 60
11.	Chavara	Govt UPS Chittoor - River side of Kannittakadavu	20.02.2024	Panmana Kannittakkadav area, 4km from Edappallikota in Chavara sub-district, and its adjoining area was cleaned by children, teachers, guardians, SMC members and MPTA

				members and held an awareness rally. People's representatives participated in cleaning program and awareness rally. Then an awareness camp was also conducted. Participants: 82
12.	Kulakkada	Govt HSS Kulakkada - Cleaning Kulakkada Jn & Road side	22.02.2024	Children, teachers and guardians on both sides of the road Kulakkada – School cleaned. Environmental protection rally –Plastic elimination People's representatives participated in awareness rally and cleanliness drive. Then an awareness class was conducted on 'Changing Climate Change' and 'Extreme Heat'. Participants: 140

3. Pathanamthitta District

Sl No	Educational District	Venue	Date	Activity
1.	Thiruvalla	SNVSHS Thirumoolapuram	13.02.2024	Health and hygiene campaign: Awareness class on health and hygiene was conducted. The students realized the importance hygiene on health. As part of the activity the students have cleaned up the market area of Thirumoolapuram and they took pledge that they will keep their premises neat and clean.
2.	Pandalam	NSSHS, Thattayil	21.02.2024	Plastic free campus: Awareness class on effects of plastics on health and environment was conducted. Students were given cotton carry bags and they took pledge on reducing the use of plastic, and use eco-friendly substitutes and make the school campus plastic free.
3.	Mallappally	St.BCHSS Chengaroor	27.02.2024	Sustainable use of plastics: Awareness class on reducing the use of plastics and use of alternatives to plastics. Students learned how to segregate plastics according to grade. As part of the activity they collected plastics from the school campus and segregated them and kept them in the waste baskets.
4.	Adoor	DB UPS, Angadical	21.02.2024	Plastic free campus: Awareness class on effects of plastics on health and environment was conducted. Students were given cotton carry hags and they took pledge on reducing the use of plastic, and use eco-friendly substitutes and make the school

				campus plastic free.
5.	Pathanamthitta	Govt. H. S. S., Chittara	28.02.2024	Live wise and save food: Awareness class on the judicious use of food and its importance. Students were given lunch as part of the programme and were taught to use food without waste. They pledged to develop their eating habits and avoid wastage.
6.	Pullad	NSSHS, Thadiyoor	21.02.2024	Health and hygienic awareness campaign: Awareness class on significance of hygiene in health was conducted. As part of activity children cleaned school campus and took pledge on health and hygiene.
7.	Ranni	Govt. U. P. S., Ranni Vaikkam	04.03.2024	Sustainable development: Awareness class on the importance of sustainable development and its effects on future generations with grass root level examples. The children compared different aspects of modern and traditional life style and pledged that they will follow and support sustainable development.
8.	Vennikulam	National HS, Vallamkulam	21.02.2024	Cleaning and awareness campaign: Awareness class on importance of conservation of rivers and other water sources. As part of the activities students have cleaned up the banks of Manimala River.
9.	Konni	National UPS, Vazhamuttom East	11.03.2024	Water Conservation: Awareness class on methods of conserving water in school campus and at home by students. Children pledged to conserve water as part of sustainable life style.
10.	Kozhenchery	N. M. U. P. S Keekozhoor	04.03.2024	Significance of sustainable life style: Awareness class on 'how to follow sustainable life style by students. The students have come up with lot of ideas to follow sustainable life style in school campus and they pledged to follow sustainable life style in future.

4. Alappuzha District

Sl No	Educational District	Venue	Date	Activity
1.	Alappuzha	Govt.HS, Naluchira, Thottappally, Ambalapuzha	02/02/2024	Thottappally Beach cleaning, Awareness Rally, Public meeting etc. Sixty eco club students participated
2.	Alappuzha	Govt.New UPS, Ayaparambu Haripad	02/02/2024	Pampa Riverside cleaning, River side plantation, Rally, Awareness class. Wetland day Painting competition etc. 36 eco club students participated.

3.	Alappuzha	Carmel Academy HSS, Alappuzha	20/02/2024	Public place cleaning and awareness campaigns including rallies & class. 31 eco club students participated.
4.	Cherthala	Govt. Girls HSS, Cherthala	02/02/2024	Beat Plastic- Public place cleaning and awareness campaigns including rally's & class. 51 eco club students participated.
5.	Cherthala	Kandamangalam HSS, Thuravoor	01/02/2024	Public place cleaning and awareness campaigns including rallies & class. 33 eco club students participated.
6.	Mavelikara	Arattukulangara LPS, Pathiyoor. Kayamkulam	21/02/2024	Pond & public place cleaning, Plantation, Rally & Awareness class. 45 eco club students participated.
7.	Mavelikara	Govt. Girls HSS, Mavelikara Mavelikara	27/02/2024	Beat Plastic- Public place cleaning and awareness campaigns including rally's & class. 55 eco club students participated.
8.	Mavelikara	SV HSS, Pandanad. Chenganoor	26/02/2024	Pampa Riverside cleaning, Seedling preparation for river side plantation, Rally, Awareness Class etc. 50 eco club students participated.
9.	Kuttanad	KKKPS Govt. HS, Karumady, Thalavady	02/02/2024	Wetland cleaning and awareness campaigns including rallies & class. 42 eco club students participated.
10.	Kuttanad	St Mary's HSS, Champakulam, Mancompu	02/02/2024	Wetland cleaning and awareness campaigns including rallies, Seminar, Quiz competition etc 50 eco club students participated.

5. Kottayam District

Sl No	Educational District	Venue	Date	Activity
1.	Karukachal	Vidyananda Vidya Bhavan, Kodungoor	09.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus. EMC Resource person Smt. Jayamol Jacob took classes on 'Cleanliness' in all places.
2.	Poonjar	St Antony's HSS Poonjar	10.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
3.	Kottayam	St John's UPS Velloor	11.02.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
4.	Ramapuram	RV UPS Ramapuram	12.02.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.

5.	Changanaserry	Ithithanam HSS	12.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
6.	Vaikom	CKM UPS Thottakam	14.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
7.	Ettumanoor	Model Residential School Ettumanoor	16.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
8.	Kanjirappally	MGM UPS Elikkulam	16.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
9.	Kozhuvanal	GUPS Elampally	17.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
10.	Pampady	GUPS Manarcad	17.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
11.	Kottayam (W)	MTS HSS Kottayam	18.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
12.	Pala	Carmel Public School Pala	22.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.
13.	Kuravilangad	St Thomas HS Marangottupally	25.01.2024	Students participated in the awareness classes, rallies and Cleaning campaign. They cleaned public place near the school campus.

6. Idukki District

Sl No	Educational District	Venue	Date	Activity
1.	Kattappana	Kattappana Town bus stand	23-01-2024	Public Place Cleaning campaign was at Kattappana Municipal Bus stand. 150 students and six teachers took part in the function. Govt Tribal HSS Kattappana and representatives from other schools of this area participated in the campaign. The teams collected big quantity of plastic waste and gave to Harithakarma Sena of Kattappana municipality.
2.	Nedumkandam	Nedumkandam GHSS	25-01-2024	The second campaign was conducted at Nedumkandam. 175 students and

				teachers from Govt. HSS Nedumkandam, SDA HS. Nedumkandam, GUPS Nedumkandam, Govt. Vocational HSS Nedumkandam, Panchayat HS Nedumkandam, St. Sebastian's HSS Nedumkandam actively took part in the Thematic campaign.
3.	Adimaly	Parathodu GHSS	29-01-2024	The third event was conducted at the Adimaly sub education District. Organised Public pond cleaning, Environment Rally and General awareness of NGC Eco Club. Students and teachers from GHSS Panickankudy comprising of UP and HS and GHSS Parathodu have attended in this programme.
4.	Nedumkandam	Vandanmedu MES	02-02-2024	The program was conducted at Vandanmedu in Nedumkandam Sub District. Students and teachers from MES HS-HS and UP students and St Antony's HSS-HS and UP sections participated. Road side tree plantation, beautification and environment rally. About 150 students and five teachers had been taken part in this campaign
5.	Kumily	Kumily GHSS	14-02-2024	Organised Environmental Rally and Roadside Cleaning by students and teachers of UP, HS & HSS students of Kumily Govt. Higher Secondary School.
6.	Thodupuzha	Thodupuzha APJAK	23-02-2024	This programme was at APJAK GHSS Thodupuzha. HSS HS UP students. 150 students were divided into groups and cleaned the surroundings of the school. Students and teachers from St. Sebastian's HS Thodupuzha cleaned public places near Thodupuzha Municipality
7.	Painavu	Painavu MPS	28-02-2024	EMRS Painavu and GUPS Painavu joined together for the cleaning programme at the headquarters of Idukki, Painavu. 150 students and five teachers participated in the Environment Rally, Orientation and cleaning programmes organised.

7. Ernakulam District

Sl No	Educational District	Venue	Date	Topic
1	Kothamangalam	Sobhana English Medium School	20.02.2024	Public Place cleaning

2.	Thripunithara	Govt. HS Pulikamaly	22/02/2024	Poster making and Exhibition & motivation class
3.	Aluva	Holy Ghost CGHS Thottakattukara	20/02/2024	Poster making and Exhibition
4.	Aluva	Settlement HS Aluva	01/03/2024	Poster making and Exhibition, Cleaning
5.	Aluva	St.Thomas HSS Malayattoor	14/03/2024	Public Place cleaning
6.	Muvattupuzha	Govt. LPS West Kadungalloor	05/03/2024	Poster making and Exhibition
7.	Aluva	St. Marys UPS Anchelpetty	27/02/2024	Public Place cleaning
8.	Aluva	SNV Skt HS School North Paravur	17/02/2024	Public Place cleaning

8. Thrissur District

Sl No	Educational District	Venue	Date	Topic
1.	Wadakkanchery	MRS Wadakkandrerv	01.02.2024	Cleaning and awareness Campaigns, rally
2.	Kunnamkulam	GMGHSS Kunnamkulam	25.01.2024	Cleaning and awareness Campaigns, rally
3.	Chavakkad	RPMIIPS Edakkazhiyur	24.02.2024	Beach Cleaning at Edakkazhiyur beach
4.	Mullasserv	St. Joseph's Enamakkal	15.02.2024	Cleaning Campaigns and rally
5.	Valappad	GFHSSNattika	12.02.2024	Beach Cleaning at Valappad beach
6.	Thrissur west	St. Gemmas UPS Manakkody	23.02.2024	Cleaning Campaigns and rally
7.	Thrissur East	UPS Thanikkudam	31.01.2024	Cleaning Campaigns and rally
8.	Thrissur west	Nirmala HS, Ayyanthole	30.01.2024	Awareness class & rally
9.	Cherp	St.Antony's HSSAmmadam	29.02.2024	Cleaning Campaigns and rally
10.	Kodungalloor	OLF Mathilakam	19.02.2024	Street Play
11.	Mala	Mala Sorcossa GHS Mala	16.02.2024	Cleaning Campaigns and rally
12.	Iringalakuda	LFGHSS Iringalakuda	25.01.2024	Awareness class & rally

9. Palakkad District

Sl No	Educational District	Venue	Date	Activity
1.	Palakkad	RPM Higher Secondary School Panangatiri	11.12.2023	Street play: Designed and propagated by Aashrayam Rural Development Society volunteers from Student Category. The theme was focusing the need for protecting the natural ecosystems, forest and wildlife with special focus to save Western Ghats. The idea, script, practice and presentations were led by the society which is NGO of the district level
2.	Mannarkad	Muthalamada high school	15.12.2023	
3.	Palakkad	Palakkad Moens Girls High School	16.12.2023	
4.	Kollengode	Aashrayam College of arts and science	20.12.2023	

				Implementation committee. Street play was performed at 3 schools and a college
5.	Kollengode - Alathur Region	CA Higher secondary School	20/12/2023	CA Higher secondary School students and teachers took initiative to clean Nelliampathi valley. The Sitharkund was the target area where in recent times many tourists come and contaminate the pristine forest and Gayathri River.
6.	Mannarkkad – Ottappalam Region	MES Higher secondary school	16/03/2024	Cleaning campaign organised at Thodukap Ecotourism centre by removing waste plastic and other materials. Around 70 students, teachers and other public participated in the program.
7.	Palakkad	Various schools	16/03/2024	Removal of Plastic and other non-biodegradable substances from Malampuzha Kava regions of Malampuzha where wild animals used to drink water from the reservoir every day under the leadership of Palakkad educational district co-ordinator for NGC Sri KA Ajesh Kottayi
8.	Palakkad	Jawahar Navodaya Vidyalaya	17.03.2024	Preparation and Publicity through Notice and poster on wildlife protection theme for protecting and conserving Forest and wildlife from people and plastic wastes. Notice and posters distributed to vendors, forest fringe families and other tourism spots of kava region.
9.	Palakkad	Various schools	20.03.2024	Posters created by various children from the EEP poster making competitions were displayed on road side for public as another way of awareness to public and students. which spread the message to protect forest and wildlife for future generations

10. Malappuram District

Sl No	Educational District	Venue	Date	Topic
1.	Melattur	GHSS Karuvarakundu	07.02.2024	NGC members of GHSS Karuvarakundu organised cleaning programme at Olipuzha, one of the river in Karuvarakundupanchayath in association with various clubs, PTA, and SMC. About hundred people were participated in the campaign. Fifteen sacks full of plastics and other materials having 200 hundred kg collected from the river were handed over to panchayat Haritha karma Sena. Drugs abuse awareness program- An awareness class on drugs abuse was

				conducted on 07.02.2024
2.	Tanur	GMUPS Cheerankadappuram	23.01.2024	Beach cleaning- The Green club of GMUPS Cheerankadappuram, Ponnani coastal police, Tanur Haritha Sena, had jointly conducted the beach cleaning on 23-01-2024, starting from the Tanur harbour surroundings.
3.	Tanur	OHSS Thiroorangadi	18.01.2024	Visited the Kodinji-Venchali field- With the aim of making the students aware of agriculture NGC Unit of OHSS Tirurangadi organised filed trip to Kodinji- Venchali field and conducted field cleaning and field study. Later, a green learning camp was held at Kodinji Pala Park as a part of the thematic camp conducted by HaritaSena students.
4.	Vengara	AUPS Edakkaparamp	28.01.2024	AUP School Edakaparamp conducted a nature study trip to Orakam mountain under the auspices of National Green Sena and 50 students participated. The class was given on what students should do for nature conservation at school and at home.
5.	Vengara	CAKM GMUPS Cherur, Vengara	02.02.2024	30 students and 5 teachers of CAKM GMUPS Cherur, Vengara visited the pond in the field near the school and cleaned the surroundings. The children also took the Pledge of the wetland.
6.	Nilambur	CKHS Manimooly	30.01.2024	Nature study trip was organised to Nadukani Pass. 40 children and two teachers from the school participated. In connection with the campaign, training on dish wash and soap making was also given to the students.
7.	Manjery	GHSS Thuvvur	17.01.2024	GHSS Tuvvur under NGC club conducted plastic elimination camp in January 2024. Plastic wastes collected from school premises, Tuvvur town and roads and handed over to Panchayat Harita Karma Sena. Organised cloth Bag making training class to NGC ecoclub students. 50 students and 10 parents participated in the training
8.	Areekode	G. V. H. S. S. Mambad	20.01.2024	Painting competition and awareness class was organized on 20th January 2024 with students from other 4 schools in the school premises based on the theme. 79 children participated in the competition.
9.	Kondotty	MAINA AMUPS Cheruvayur	20.01.2024	Water is life-giving; Ayyan Chola is the life-giving stream- The program was intended to convey the importance of

				water and conservation of Ayyanchola. Students of five UP schools in the panchayat and their science teachers presented papers in this program. Discussion/seminar topics were conducted.
10.	Malappuram	MUAUPS Panakkad	05.03.2024	Panakkad MUAUP School conducted a field trip to Kadalundi river as part of thematic campaign under the leadership of Harita Sena and collected plastic waste from Edaipalam to Panakkad and cleaned the banks of the river and also organised environmental awareness class for children
11.	Malappuram	PKMIC HS Pookotloor	09.01.2024	Pookotoor PKMIC High School NGC members cleaned the road and surroundings of Mini Ooty by collecting plastic waste. Section Forest Officer Amina took a class on the importance of nature conservation at Mini Ooty Resort.
12.	Parappanangadi	PMSALPS Kachadi	06.01.2024	PMSALPS Kachadi organized awareness class involving ecoclub children of all primary schools of Tirurangadi Municipality. Also took them to a nature walk to the beautiful Kooriad Breeze Garden.
13.	Wandoor	Sasthreeya UPS, Chelod	02.02.2024	Malappuram Revenue District SEP Coordinator A Abdurahman Master Karappuram organized an awareness class to empower students to take up energy conservation activities A field walk was also organized to familiarize the children with fields, valleys, ridges, different habitats and crops. About 50 children, PTA representatives and teachers participated On February 2, 2024, the students cleaned the Chelod Mundakulam (pond) in the third ward of Amarambalam panchayat.
14.	Mancheri	GUPS Pullur	17.01.2024	Public place cleaning and awareness rally was organised by the ecoclub members of GUPS Pullur. Around 60 children from the Environment Club participated in the rally and cleaning programmes
15.	Tirur	GMUPS Tirur	23.02.2024	Cloth Bag making training - Vallathal AUP school teacher Naseeb KP trained the children in cloth bag making. Each child sewed 3 cloth bags.
16.	Tirur	Arimbra GMUPS		Arimbra GMUPS conducted cleaning campaign in the river near the school. The collected garbages were handed over

				to the Panchayat Harita Karmasena. After cleaning, a sign saying "Do not throw garbage in the garden" was also installed.
17.	Mankada	Madin Public School Kadannamanna	17.01.2024	The students of Madin Public School Kadannamanna started a health awareness program under the title 'Suchitva Keralam Sundara Keralam'. Also organised rally and cleaning activities at Nadippara and collected plastic wastes.
18.	Vengara	GHSS Peruvallloor	11.02.2024	Field Trip- About 40 children participated in the Olakara paddy, about the crops grown in different seasons, the biological diversity of the stream flowing along the sides of the paddy, the importance of paddy fields, the harmful effects of filling rice paddies with soil.

11. Wayanad District

Sl No	Educational Sub District	Venue	Date	Activity
1.	Vaithiri	GVHSS Kalpetta	24.01.2024 25.01.2024	Clean Mundery: Cleaning campaign at Munderi school, Munderi Town, Municipal park in association with Municipality
2.	Mananthavady	GHSS Kattikkulam	08.02.2024	Organised awareness class on thematic campaign cleaning and awareness and also organised environment rally and cleaned public bus stand to school by the students
3.	Sulthan Bathery	Nirmala HSS SulthanBathery	24.01.2024	Cleaning and collection of plastic campaign from Kabani river, Kabanigiri school and town areas

12. Kozhikode District

Sl No	Educational Sub District	School	Date	Activity
1	Kozhikode City	BEM UP School Bilathikulam	6.01. 2024	Beach near Santhi Nagar Colony, Kozhikode
2	Koyilandy	BEM UP School Koyilandy	24.02.2024	Public place cleaning at Koyilandy Railway Station
3	Koyilandy	BEM UP School Koyilandy	01.03.2024	Public place cleaning at National Highway, Koyilandy
4	Kozhikode Rural	CIRHSS Mathara	25.01.2024	Public place cleaning at Pokkunnu Canal
5	Perambra	Fathima AUPS, Peruvannamuzhi	16.01.2024	Cleaning campaign at shore areas of Peruvannamuzhi reservoir
6	Perambra	Fathima AUPS, Peruvannamuzhi	17.01.2024	Cleaning campaign at shore areas of Peruvannamuzhi reservoir
7	Perambra	GHS Vengappatta Menhanniam	21.01.2024	Cleaning campaign at shore areas Mambatil River

8	Mukkam	GHSS Cheruvadi	24.01.2024	Cleaning campaign at shore areas Chaliyar River
9	Kozhikode Rural	GMUPS Mavoor	15.01. 2024	Cleaning campaign at Palliyol Pond, Mavoor
10	Kozhikode Rural	GUPS Kodal	23.01.2024	Cleaning campaign at Nambi Pond, Kodal Nadakkavu
11	Feroke	GUPS Naduvattam	22.01.2024	Cleaning campaign at Gotheeswaram Beach, Kozhikode
12	Kozhikode City	GVHSS FOR girls Nadakkavu	25.01.2024	Cleaning campaign at Vellayil Beach, Kozhikode
13	Thamarassery	Holy Family High school Kattippara	16.01.2024	Cleaning campaign at Plavinchuvadu Canal, Kattippara
14	Vatakara	Jawahar Navodaya Navodaya Vidyalaya Kozhikode	12.01.2024	Cleaning campaign at Palayad Chovva puzha
15	Feroke	Kadalundi Sreedevi UP School	02.02.2024	Cleaning campaign at Canals near school.
16	Koduvally	Madavoor AUPS	24.01.2024	Cleaning campaign at Canal near school
17	Kunnamangalam	Markaz HSS Karanthur	18.02.2024	Cleaning campaign at Kozhikode Beach
18	Kozhikode City	Markaz International School, Eranhipalam	24.01.2024	Cleaning campaign at Sarovaram Bio Park, Kozhikode
19	Thamarassery	MES Fathima Rahim Central School Kaithapoyil	20.01.2024	Cleaning campaign at Riverside near Kaithapoyil
20	Koduvally	MJHSS Elettil	15.01.2024	Cleaning campaign at Road near school
21	Kozhikode City	MSS Public School	25 .01.2024	Cleaning campaign at Poonor River
22	Perambra	Olive Public School	29 .01.2024	Cleaning campaign at Pond near school
23	Kunnummal	Pathirippatta U P School kakkattil	22 .01.2024	Cleaning campaign at Pathirippatta Library Area
24	Baluserry	Pavandoor HSS	15 .01.2024	Cleaning campaign at Pond near school
25	Kozhikode City	Prestige Public School	24 .01.2024	Cleaning campaign at Beypore Beach
26	Kozhikode City	Providence GHSS	15 .01.2024	Cleaning campaign at South Beach, Kozhikode
27	Kozhikode City	Ramakrishna Mission HSS	05.02.2024	Cleaning campaign at Kuttiady Irrigation Canal, Mavilikkadavu Kolakkattu Vayal
28	Kozhikode City	Ramakrishna Mission HSS	12 .02.2024	Cleaning campaign at Thiruvachira, Meenchanda
29	Chevayur	Silver Hills Higher Secondary School	8 .06.2023	Cleaning campaign at Gotheeswaram Beach, Kozhikode
30	Feroke	St Francis HSS Kundayithode	04.02. 2024	Cleaning campaign at Gotheeswaram Beach, Kozhikode
31	Kozhikode City	St Joseph's AIGHSS Kozhikode	15 .01.2024	Cleaning campaign at South Beach, Kozhikode
32	Chevayur	St Joseph's English Medium School, Vellimadukunnu	02.10.2023	Cleaning campaign at public Places near school
33	Chevayur	St Joseph's English Medium School, Vellimadukunnu	3.10. 2023	Cleaning campaign at public Places near school

34	Perambra	St Joseph's HS Chempanoda	23 .01.2024	Cleaning campaign at Kadanthara River
35	Kozhikode City	St Josephs Boys HSS Kozhikode	15 .01.2024	Cleaning campaign at South Beach, Kozhikode
36	Perambra	St Mary's HS Kallanode	16 .01.2024	Cleaning campaign at Thonikkadvu Reservoir
37	Thamarassery	St Mary's Jnanodaya English School Maicavu	25 .01.2024	Cleaning campaign at Canals near Maicavu
38	Perambra	St Thomas HS Koorachund	18 .01.2024	Cleaning campaign at Pond and places near school
39	Kozhikode Rural	St Xavier's UP school, Peruvayal	22 .01.2024	Cleaning campaign at Pond near Peruvayal
40	Nadapuram	Thanakkottur up school	25.01.2024	Cleaning campaign at Thanakkottur Riverside
41	Melady	Veemangalam UP School	15 .02.2024	Cleaning campaign at Muthayam Beach
42	Melady	Veemangalam UP School	16 .02.2024	Beach Cleaning, Urupunyakavu

13. Kannur District

Sl. No	Educational Sub District	Venue	Date	Activity organised
1.	Kannur	Munderikkadavu Bird sanctuary	20/1/2024	Know our wetlands and Bird watching programme: 33 students and 4 teachers from 6 Schools have got direct experience with different types of mangrove plants and got an idea about mangrove forests. More the 91 species of birds they watched during the field trip. Also got some ideas about identifying birds
2.	Payyannur	Mangrove Study Centre, Edat Payyannur	11/2/2024	Organised field trip to Edat Mangrooves under the leadership of Shri. T.P Padmanabhan (SEEK). They also visited the Kuppam River which flows nearby. Awareness on bird watching and its identification was also given to the students. 57 students and 11 teachers from 11 schools registered for field trips so two field trips were arranged at the same venue with different resources and areas.
3.	Payyannur	Mangrove Study Centre, Edat Payyannur	11/2/2024	
4.	Kannur	Madayippara,Pazhayangadi	17/2/2024	Know our literate hills, bird watching and cleaning: Field trip to Madayippara students gained a clear idea about some plants and trees of Laterite Hill. They visited the old fort, Juthakkulam(Pond), Juthakkinar(well), and the sacred grove of Madayikkave. Also identified so many plants, butterflies and birds.
5.	Kannur	Madayippara,Pazhayangadi	17/2/2024	

				50 students and 9 teachers from 9 schools registered for this programme. So, two field trips were arranged in Madayippara the biodiversity hotspot of Kannur district.
6.	Pappinisseri	Pandrandam chall Bird sanctuary Thadikkadavu,	18/2/2024	Know our Rivers, Bird Watching and cleaning programme at Panthrandam Chal Pakshi Sanketham, Thadikkadavu. 40 students and 14 teachers and 15 locals attended this campaign.
7.	Pappinisseri	Pandrandam chall Bird sanctuary Thadikkadavu,	18/2/2024	
8.	Kannur	Chall Beach Kannur	21/2/2024	‘Know our sea and sea shore’ Bird watching and beach cleaning. 52 students and 5 teachers from 5 schools attended this campaign. Parents and some local people also joined in the programme. Beach cleaning, awareness class and field trip to turtle conservation centre were organised
9.	Kannur	Chall Beach Kannur	21/02/2024	
10.	Thaliparamba,	Kuniyan Vayal Bird Sanctuary, Karivellur	24/02/2024	“Know our Paddy field ecosystem and bird-watching”
11.	Thaliparamba,	Kuniyan Vayal Bird Sanctuary, Karivellur	24/02/2024	‘Kuniyan Vayal’, Vellur, Payyannur .Kuniyan Vayal is an important wetland area shore of the Kuniyan River, also a mangrove forest area. There is a small sacred grove here in the middle of the wetland. It is also a migratory bird area. 25 students 3 teachers from 4 schools and 10 locals participated in this programme. Two campaigns are done in different locations with two group
12.	Pappinisseri	Kannavam reserve forest	26/02/2024	Kannavam Reserve Forest is a protected area on the lap of the Western Ghats. The Anjarakkandy River's main tributary starts from this area. It is also an important bird area of Kannur district. 40 students and 8 teachers participated in this campaign. This campaign was done with the help of Social Forestry, Kannur division. Sri. Jayendran, Range Forest Officer accompanied the campaign.
13.	Pappinisseri	Kannavam reserve forest		
14.	Kannur	Kizhunnappara Beach Kannur	27/02/2024	Kizhunnappara beach,Thottada, Kannur ‘Beach Cleaning and Shore bird watching: 25 students and 4 teachers joined this campaign. Within one hour cleaning programme was completed.
15.	Payyannur	Champad pucha vayal Panniyannur		Wetland Cleaning and Awareness Programme. 18 students 3 teachers from three schools 15 local pupils,

				Panniyannur grama panchayath Prasident, Ward members and some retired teachers participated
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14. Kasargod District

Sl. No	Educational Sub District	Venue	Date	Activity organised
1	Cheruvathur	VPPMKPS GVHSS Trikaripur	02/02/2024	VPPMKPS GVHSS conducted programme like visit to Edayilakkadu kavu and cleaned the premises including wetland, rally, quiz, awarenwss class and poster competition.
2	Hosdurg	GHSS Hosdurg	16/01/2024	GHSS Hosdurg students cleaned plastic waste from premises of court, fort, Homeo hospital and public road and handed over the plastic waste to “Harithakarmasena” of Kanhangad municipality. In the after noon there was class on plastic eradication and protection of wetlands by environmentalist Ad.TV Rajendran.
3	Bekal	GFHSS Bekal	02/02/2024	On the world wetland day, NGC members of GFHSS Bekal cleaned Bekal wetland and beach and handed over the plastic waste to “Harithakarmasena” of Uduma Gramapanchayath. They have planted mangrove saplings in the “Thututhu” protected by the School eco club..
4	Manjeswar	KVSMHS Kurudapadavu	20/01/2024	A one day bird watching camp and cleaning including 80 students were conducted by KVSMHS Kurudapadavu. Pranav Bhandary Karle and Purnaprajna Putur were the resource persons.
5	Kumbla	ASBS Kumbla	21/01/2024	ASBS kumbla conducted a one day camp programme and studied biodiversity and water harvesting in the Agalpady. They have also cleaned plastic wastes from the premises of shutter (Thadayana) of that area.
6	Chittarikkal	GHSS Parappa	25/01/2024	NGC members of GHSS Parappa conducted a two day camp at Kadaladippara which aimed at studying the rich biodiversity of the laterite hillock and bird watching in that area. Sri.T P Padmanabhan (Director, SEEK) and Sri. Sasidharan Manekkara (Birder and NGC Co ordinator, Kannur) were the resource persons.













ENVIRONMENT EDUCATION PROGRAMME KERALA

NATIONAL NATURE CAMPING PROGRAMME

Report 2023-24

A PROGRAMME OF



**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE
CHANGE
GOVERNMENT OF INDIA**

Submitted By



**KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND
ENVIRONMENT,**

**SASTHRA BHAVAN, PATTOM,
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Contents

	Page No
1. Introduction	140
2. Background	140
3. Formulation & Conduct of the Programme	141
4. Summary of the Camps	141
5. NNCP Trivandrum District	142
6. NNCP Kollam District	143
7. NNCP Pathanamthitta District	144
8. NNCP Alappuzha District	146
9. NNCP Kottayam District	147
10. NNCP Idukki District	148
11. NNCP Ernakulam District	150
12. NNCP Thrissur District	151
13. NNCP Palakkad District	152
14. NNCP Malappuram District I	153
15. NNCP Malappuram District II	154
16. NNCP Kozhikode District	156
17. NNCP Wayanad District Camp I	156
18. NNCP Wayanad District Camp II	156
19. NNCP Kannur District	157
20. NNCP Kasargod District	158

Introduction

‘Nurture the nature for our future’ – with this motto, the students are given a chance to visit Wild life sanctuary or National park under the support of Ministry of Environment, Forests and Climate Change. It provides a firsthand experience to the students and it makes them aware of the rising need of preserving nature and conserving natural resources. Eco clubs and Nature Camps being organized by the institutions enable to serve this purpose well.

Residential environmental education camps provide a setting that can result in beneficial changes in participants' self-esteem, interpersonal relationships, and feelings of connection with the natural world, as well as stimulating greater interest in future low-impact recreation experiences in natural areas. When students learn how ecosystems function and about environmental action strategies that contribute to their maintenance, they develop more environmentally responsible behaviors.

Background

Ministry of Environment, Forests and Climate change sanctioned the proposal submitted by Kerala State Council for Science, Technology and Environment for organising National Nature Camping Programme 2024 and released an amount of 17 lakhs for the programme.

The “Nature experience” to children and teachers has huge potential to trigger the sensitivity towards nature appreciation and conservation, leading to positive environmental actions at different levels.

The programme aims to conduct Field Visits (Nature Camps) in different protected areas/ Nature parks/Tiger Reserves of the State for 3 days to create awareness amongst school students on environment and nature. The programme aims to provide students an opportunity to learn about natural resources, ecosystem services and the importance of the area by involving them in activities such as:

Apna Paryavaran Janiye” (Know your Environment) by preparing small checklist of flora and fauna seen/spotted by them in the nature trail,

Bird watching,

Trekking,

Green Pledges,

Group Discussion involving record/sharing of experiences and

Other nature based activities.

Formulation & Conduct of the Programme

KSCSTE proposed to conduct the programme in association with District Implementation Committee of NGC and Forest Department. The programme aims to conduct field visits for NGC students in different protected areas/National parks/wildlife sanctuaries for 2-3 days to create awareness among school students on Environment and Nature. A maximum of Rs 1 lakh/camp @ Rs.2000/- each for student which includes coordination by KSCSTE and expenses incurred towards coordinating the programme for 3 days with a ceiling of 50 students/camp along with 5 teachers/ coordinators is the sanctioned allocation from Ministry.

KSCSTE organised the programme with NGC District coordinators as Conveners of the programme. Financial assistance released to the District Coordinators for organising the programme in the districts.

KSCSTE released financial assistance for organising 16 Nature Camps in the 14 districts of the State. All the districts organized the Camps before March 2024 and submitted reports, audited SE/UC and other documents.

The details of the Sixteen nature camp programmes organised are as follows

A) Summary of the Camps

Sl. No	District	Venue	Date	Number of participants
1.	Trivandrum	Neyyar Wild Life Sanctuary	26-28 December 2023	50
2.	Kollam	Schendurney Wild Life Sanctuary	27-29 November 2023	55
3.	Alappuzha	Schendurney Wild Life Sanctuary	04-06 December 2023	56
4.	Pathanamthitta	Schendurney Wild Life Sanctuary	01-03 December 2023	60
5.	Kottayam	Vagamon Hill Station	03-05 November 2023	40
6.	Idukki	Adayalakkallu grass land, Paruthumpara, Bear cave, Chempaka Rock and Udayagiri cross mountain	17-19 November 2023	36
7.	Ernakulam	Thattakkad Bird Sanctuary	19-21 January 2024	46
8.	Thrissur	Turtle Nesting Area, Chavakkad, Chettuva mangroves, Mannalamkunnu beach, Edakkazhiyur beach	19-21 January 2024	67
	Palakkad	Nelliyampathi forests	05-07 January 2024	60

	Malappuram	Karimpuzha Wild Life Sanctuary	27-29 October 2023	59
	Malappuram	Karimpuzha Wild Life Sanctuary	01-03 December 2023	59
	Wayanad	Wayanad Wild life sanctuary	01-03 December 2023	55
	Wayanad	Wayanad Wild life sanctuary	26-28 January 2024	56
	Kozhikode	Aaralam Wild Life Sanctuary	28-30 December 2023	50
	Kannur	Aaralam Wild Life Sanctuary	06-08 January 2024	52
	Kasaragod	Kidoor Bird Village, Bedakam forest, Neyyamkayam etc	16-18 November 2023.	65
Total Number of Camps- 16				
Total Number of Participants- 866				

REPORT OF NATIONAL NATURE CAMPING PROGRAMME

1. NNCP TRIVANDRUM

Campsite: Neyyar Wildlife Sanctuary

Date: 26/12/2023 - 28/12/2023

NGC Thiruvananthapuram district conducted a nature study camp on 26th to 28th December 2023 at Neyyar Wildlife Sanctuary. The participants are the selected members of NGC Ecoclubs of three education Districts viz Attingal, Neyyattinkara and Thiruvananthapuram.

A total of 41 students and 9 escort teachers of 18 schools of the district and District Co-ordinator participated in the camp. We started our journey from Trivandrum on 3rd March.

The theme of the camp was 'We are with nature'. Many activities were organized as part of the camp to get close to nature and get to know the environment. During the three-day camp, the children shared their knowledge in their own way.

Many programs such as bird watching, Kanana Yatra, elephant identification, bird watching etc were held. The team visited the Deer sanctuary where they had a firsthand view of the herds. The keeper gave a full history of the park and provided much needed information to the team. From there a short trek into the forest followed. The guide took the team through narrow paths, stooped at different varieties of plants and age old trees that are considered as the forests valuables. Also, while spending a considerable time inside the forests there was a healthy discussion among students about their opinion regarding previous day's experiences. While returning the team also went through the crocodile Rehabilitation center and the Lion Park.

Senior Wildlife Warden Ashokan, Prajush & Smitha took classes to the students for three days. On the second day, the campfire children's art performance was held where mind and body came together.



2. NNCP KOLLAM

Campsite: Shendureney wild life sanctuary, Thenmala

Date: 27/12/2023 - 29/12/2023

The National Green Corps-Kollam Dist. (NGC-Kollam & DIMC) organized a three days Nature Camp at Schendurney Wildlife Sactuary during 27th -29th December 2023. The above program was catalyzed and supported by Kerala State Council for Science Technology and Environment, Ministry of Environment & Forest and Climate Change Govt. of India.

A total of 55 people including 50 students, 4 teachers from 21 schools of the district and District Coordinator participated. The Camp started from Klappana, on 27th December with the



blessings from the Dist. Educational Officer Kollam. Selected Children ranged from Klappana School in the north-west border area of the district to Nedumpara School near Thenmala in the east participated in the camp.

On 27.11.2023, the bus started from Klappana at 11.00 am and reached Thenmala at 3.30 pm, carrying children from various centers via Karunagapally Chavara Kollam, Kottarakkara and



Punalur. The camp was inaugurated at 4.30 pm by District Coordinator Shri. In the

meeting chaired by Reginald, Mr. Santhosh Kumar, Forest Deputy Ranger inaugurated the programme. Shri. KV Ramesh, Shri. Shiju and Shri. Vinoj participated. Then the Wildlife Assistant Shri. Shiju took classes on Birds and Shri. KV Ramesh on Forest.

On the second day the group started trekking to forest at 9.00 am for trekking along with Beat

Forest Officers. The children were able to understand about the forest, forest resources and different types of trees and in the afternoon went for a jungle ride in the vehicle near the lake in the interior of the forest. It was a delightful sight for the children.

In the evening Mr. TK Sajeew, Smt. L. Raji, Smt. Sudha Gauri Lakshmi took classes on Lifestyle style and Forest resources and behavior in forest area etc followed by the performances of students.

On the third day at 5.45 in the morning, the team went down for bird watching under the leadership of Wildlife Assistant Mr. Shiju. Children were able to list 46 species of birds. Then they visited Deer Park. At 11.00 am the team visited Kallada Irrigation Project, 66 KV Power Station, Parapar Dam.

The children shared their camp experience in the closing meeting after lunch at 3.00 pm followed by distribution of certificates



3. NNCP PATHANAMTHITTA

Campsite: Shendureney wild life sanctuary, Thenmala

Date: 01/12/2023 - 03/12/2023

Day-1.

DIMC Pathanamthitta group started off to Thenmala Shendurney Wildlife Sanctuary from Thiruvalla town at 10 am with 55 children and 5 teachers covering a distance of 94 kilometers. All the 55 children were insured in United India Insurance Company Ltd under coverage C with a sum insured Rs 2,50,000 (TwoLakhs fifty thousand for each student). Our conveyance was Amala Travels, Pathanamthitta. On our way children had Lunch from Punalur. We reached Shendureny by 3pm. After reaching, the children took rest in their dormitory in Shendureny Wild Life Information Center. By 4:30pm after tea and snacks went out for a stroll along the Kallada River. Walking through the river side, children have noticed the waste and plastic carry bags dumped on either side of the river. Then sat on the river side and discuss the impacts of dumping

waste into the rivers. The children took an oath that they will never do the same and they will create awareness to other children in their respective schools on the impact of waste disposal in rivers. By 6 pm we were back in the forest information center and attended a class on Shendureny's history and significance conducted by the EPO of Wildlife information center Smt.Sudha Gowri. It was an interactive session and the children had cleared a lot of their doubts about Wildlife. The Class was very much interesting. After the class a discussion was held by the children on the topic on which they have learned in the class. By 8pm dinner was served and by 9 pm they all went to bed.

Day-2.

All the children have woke up by 6 am and had morning tea by 6:30am. They all got ready by 7:30am and had breakfast. By 8:30am they all set off for the forest walking to Lake View — Kulamkunnu forest area. Our guide was Sri. Subramanyan — A Professional trekking guide. It was a program being in Nature connecting through our senses of sight, hearing, touching and smelling. The forest walking bridges the gap between the children and the natural world. It was a four and a half hour journey and after that, they have sat down to prepare a checklist of trees and plants they have seen. Though the forest walk was tiresome the children have benefited a lot. Their queries and anxieties were quenched by our guide Sri. Subramanyan. After lunch the children took rest for two hours. By 4pm after tea and snack, the children had visited the dam site and have learned the production of hydroelectricity and the impact of Dams on vegetation, Wild life and Soil . By 6:30pm we have another session of class by Sri. Shiju.B-Wildlife Assistant of Shendurney Wildlife Sanctuary. More than a lecture class it was a discussion in which all the children were involved. It was mostly about the biodiversity in the forest and very particularly about Birds in the wild. By 8 they had their dinner and they have attended another interesting class on man and wildlife conflict by Prof. P G Philip (Retd. Prof in Zoology). All the classes and discussions were supported by audio video aids. After the class the children has comeup with a variety entertainment section in which they were able to show up their artistic talents. By 10 pm they all went to bed.

Day-3.

Children set off for bird watching by 6.30 am to the lake view forest area. They slowly and very carefully walked through the forest listening to the sweet, tweet and chirp of birds. Some of the voice the children were able to identify. They have come across mainly the birds like parrots, Mynas, Kingfishers, Woodpeckers and a pair of Great

Hornbill. They were thrilled to see these birds in the wild. Some of the animals like Wild Squirrels, Mongoose, Monkeys and Rats also they come across on their way. By 9.30 am they reached back to their dormitory and had breakfast. By 10.30 am they started off for Cleanliness Awareness Drive. Children picked up Rags, Plastics and other food waste thrown on either side of the road in front of the Shendureney Wild Life Sanctuary Information Office and Eco Tourism Office and cleaned the area. It served as a great initiative in making people in the surrounding area aware in the importance of cleanliness and proper waste management. On their way back they have visited the Deer rehabilitation Centre also, and realized the importance and reasons for rehabilitation of wildlife. By 1.30pm children had lunch and by 2pm they had valedictory function which was addressed by Sri. Santhosh Kumar-Deputy Range Forest Officer. The children had shared their experience of the program in the session. By 3 pm the children bid farewell to Shendureney Wild Life Sanctuary and boarded the bus to back home.



4. NNCP ALAPPUZHA

Camp Site: Shendurney Wildlife Sanctuary, Thenmala, Kollam District

Date: 04/12/2023 to 06/12/2023

Alappuzha District successfully completed National Nature Camping Programme at Shendurany Wildlife Sanctuary, Thenmala, Kollam District from 04/12/2023 to 06/12/2023 (3 Days) with the support of KSCSTE and Forest department. 29 male and 21female students were selected and given participation to students from all four educational districts of Alappuzha Revenue District. Total 56 persons including 50 students, 2 lady escorts, 3 faculties' and 1 NGC official (DistrictCoordinator) participated.

The team departed from Kayamkulam KSRTC Stand through specially chartered Tourist Bus and arrived at 4.30pm at Thenmala Forest Information Centre. Then the students had tea and assembled at Forest Information Centre Hall. At 6pm, Shri.

Santhosh Kumar, Range Officer, Shenduruny Wildlife Sanctuaryall inaugurated the Camp followed by self-introduction. The Asst. Wild Life Warden gave a class on the history of Shendurney Wildlife Sanctuary. After that Shri. Sheela & Dr Anand S coordinated the Grouping of students and gave Instructions on Field diary followed by Special Recreation & Art programmes of students

The 2nd day started with a ‘Nature walk” followed by Ecotourism Park Visit. Then after breakfast ,at 9 am the camp members started the Forest trucking with nature study classes, field observations, flora & fauna analysis along with the forest officials and Guards. After lunch there was a Lake View Visit (Supported with Forest Vehicles). After Tea at 4.15 pm, the students attended a session on the Biodiversity of Shenduruny Wildlife Sanctuary- Dr. Anand S followed by Park Visit, Entertainment & Leisure and Group Discussion & Day Analysis. Seminar on Importance of Forest & Wild Life by Sri. Sreekumar. H, DC, NGC, Alappuzha followed Cultural programmes of students

On Day 3, at 5.30 am the students were taken for Bird Watching & site observations with forest officials & guards followed by a small trekking. After breakfast the camp members attended the class by Smt.Sudha G, EPO, Shenduruny Wildlife Sanctuary. At 11.00 am, Camp evaluation & experience sharing, Camp diary evaluation, Prize distribution to best project diary etc. The prizes were distributed to the winners by Smt.Sudha G, EPO and Certificate Distribution by Sri. Santhosh Kumar, Asst. Range Officer, Shenduruny Wildlife Sanctuary. The team departs from Thenmala through specially chartered Bus.



5. NNCP KOTTAYAM

Campsite: Vagamon Hill Station

Date: 03.11.2023 - 05/11/2023

As per the directions given from KSCSTE, we have conducted a camp of 3 days duration from 3rd November to 5th November 2023 at the Famous Hilly Place named

Vagamon in Kottayam District. 50 Students from various NGC Schools participated in the camp. On 3rd November at 1 pm the students and escorting teachers assembled at NSS HS\$ Kidangoor and the journey started by a special bus. At 2 pm we reached at Mithranikethan, Vagamon. After evening tea the students went for sightseeing. The beautiful scenery of Hills and Forest were attracted by them. They prepared a Check the list of 'Flora And Fauna' and recorded it in their note books given by us.

After dinner at 8'0 clock they assembled at Mithra Nikethan for 'Ice Breaking' Programme. In this program they introduced themselves and became good friends.

Sri. Harikumar introduced various methods of group formation. The programme (f 7concluded at 9'0 clock On 4th November 6 AM, the students and teachers went to kurisumala and Murugan Mala for trekking. They enjoyed the beauty of the hills. After that they engaged in Bird Watching. In the after noon at 2'0 clock they reassembled at Mithranikethan . Mr. T. R. Rajan Rtd.HM took class on environment conservation. In the evening at 5 PM Sri Harikumar Kailasam taught them the Origami techniques and paper carry bag making. After the dinner the students performed various cultural programmes . In the evening they conducted a Camp Fire. They presented various Art forms. On 5th November at 6 am the students along with teachers visited Mottakkunnu. They watched the beauty of the Hills. At 10'0 clock they visited Orchidarium and the place where the Meenachil river originated. After that at 4 pm they returned to Kidangoor.



6. NNCP IDUKKI

Campsite : classic eco study Centre Chempakappara

Date : 17/11/2023 to 19/11/2023

Three days residential nature camp started on 17th Nov. and ended on 19th Nov.2023. 52 students and 5 teachers registered earlier. Due to heavy rain during the period, some students and teachers could not reach at the campsite. There were 31 members in the camp. But in the last year the total number of campers were 63 .After registration the students and teachers gathered in the Bamboo park and then provided with tea and snacks. The program was inaugurated by the film and serial actor Baiju Varghese. There was an interactive session with the campers .NGC dt.coordinator gave camp introduction and ABCD of residential camp. Classes 4 resource persons came and addressed the campers with different types of environmental topics;

- Climatic changes and agriculture
- The importance of the protection of eco system
- Plastic, water and air pollution
- Conservation of soil and water.

- Idukki and its eco system

The resource persons were ,

Sri.Parathod Antony – award winner on environment.

Smt.Jessy Sunny – Dist .RP Idukki

Smt.Maria Joshy

Sri. Baiju Varghese – Film actor and social worker.

Two days trekking had been arranged and visited and experienced different types of forest including grassland, mountain tops , valleys, caves and big rocks .The campers could see and identify a variety of medicinal plants, wild trees ,fruit trees and spices. Training in yoga and Meditation had been given to them in two days. All teachers and students happily and actively took part in this session.The campers could see many types of birds in the camp site and they were given a special training for nature meditation. The food and accommodation committee of classic eco study Centre provided nice accommodation facilities and tasty food for them.

The campsite was the miniature of a bio-diversity park and is situated by the side of Kumarakam -Kambam interstate highway and 12km away from Kattappana town.



7. NNCP ERNAKULAM

Campsite : Thattekad bird sanctuary Kothamangalam

Dates of the programme: 19/01/2024 to 21/01/2024

At 1 1.30 AM on 19th January 2024, the exploring trip began with a folk of young minds and a bunch of teachers from Paravur via Iringolkavu Ecotourism Perumbavoor, we reached Thattekad Bird Sanctuary by 4pm. Next morning at 6:30 AM the group, along with a guide, went for a short birdwatching. After the delicious breakfast we went

trekking till the afternoon. At 3 PM a session on the protection of nature was held by the resource person. The day ended with a short session wherein the students shared their experiences. The last day began with bird watching at the Salim Ali Bird Trail. After lunch at 2:00 PM a session for experience sharing and certificate distribution by the Forest Range Warden was held. The camp ended at 4:00 PM.



8. NNCP THRISSUR

Venue: Turtle Nestling Area, Chavakkad beach and Chettuva mangroves

Date: 19-21 January 2024

National Green Corps (NGC) Thrissur organised NNCP programme at Chavakkad beach area (turtle conservation area, mangroves, Edakkazhiyur beach, Anakkotta etc) on 19-21st January 2024. The total number of participants is 55 nos include 50 students and 5 teachers of 30 schools of the district

The programme was inaugurated by Shri Ali Akbar, MLA Guruvayoor in the meeting presided by Chavakkad District Education Officer Shri Soni Abraham. The camp members visited Sea Turtle Conservation Centre, Chavakkad, They visited the Broken sea wall, Kattady tree biofence, Mangrove forests Pulimutt, Edakkazhiyoor beach which is a fishing and selling center & treatment plant, Anakotta, Gokulam Mural study center for next two days. There were classes by the experts of the elephant center and the center was at Muthuvattur Shikshak sadan during the night stay. Camp members left home by 3 pm on 21st.



9. NNCP PALAKKAD

Venue: Nelliampathi Forests

Date: 05/01/2024 - 07/01/2024.

Inauguration by Sri Praveen P, Divisional Forest Officer, Nenmara by distributing camping kit to the participants. Range Officers of Nelliampathi & Kollengod Sri Range officers Pramod K Alathur Range Officer Sri Krishnadas, Sri P Aravindakshan, Smt. Reetha Environmentalist also participated and made presentations on need for Forest and Wildlife conservation. Before the formal inauguration a small trek made in the evening to human-leopard conflict area named as Naripparakkunnu and a Introductory to nature camp and an Eco meditation was made by S. Guruvayurappan, District coordinator and Sri KA Ajesh, Environmentalist. A total of 50 Students, 5 Accompanying Teachers and 5 volunteers from Aashrayam Rural Development society also participated in the camp.

Various Presentations and field trips planned in all the three days including Human - leopard conflict area, Tiger and Elephant habitat in Nelliampathi on Second day. Presence of Wildlife and Indirect evidences learned from field visits. Nelliampathi Argo farm run by Agriculture department also visited for education and entertainment. Forest and wildlife Education by officials like Forest deputy Range officer and other staff gave insight knowledge for need and necessity to safeguard the precious Natural resources like wild plants and animals.

Trekking to Tiger Habitat with special permission from forest officials with staff was an wonderful experience to all the participants. Sessions from Sri Sahyadri Ratheesh and Green Journalist Sri VM Shanmughadas. Plastic and other wastes removed by the participants as reciprocal commitment to nature. Various interactive sessions creativity

games also included by various Sri A Ajesh, Environmentalist in the evening feedback session.

Day 3 Started with Village Biodiversity and medicinal plant study. Interaction and study with age-old people of nearby village gave a knowledge that how much vulnerable are the plants and ecosystem due to rapid growth of developments. Chemical-free Natural Food, snacks and beverages were also specially included in the camp. T-shirts. Note book pen and all supporting documents and participation certificates were given to all participants. Along with this Group insurance was also made for 50 Students during the camp period.



10. NNCP MALAPPURAM 1

Venue: Karimpuzha Wildlife Sanctuary

Date: 27-29 October 2023

A three-day nature study camp was conducted for NGC school students of Malappuram district at Karimpuzha Wildlife Sanctuary as part of the Environmental Education Program under the auspices of the Ministry of Environment and Forests. The total number of participants is 59 nos including 51 students and 8 teachers of 25 twenty five selected schools of the district participated in the camp.

In the three days camp classes were conducted by experts in the field of environment and nature studies in various sessions.

Various programs such as canoeing trips, meditation, bird watching, butterfly watching, star gazing and river cruises were held as part of the camp.

The camp was inaugurated by Karulai Range Forest Officer P.Mujeeburahman. Dr. Mohammad Rameez K, Jayaprakash Nilambur, Abduhman Sokut, Amin Ahsan, Vishwambaran and Hamidili Vazhakad conducted various sessions. Mr. Nikhil VM, Raheeza VK and Sabila Nalakath led the camp.



11.NNCP MALAPPURAM 2

Venue: Karimpuzha Wildlife Sanctuary

Date: 1-3 December 2023

In collaboration with the Ministry of Environment and Forests and Kerala State Council for Science, Technology and Environment, a nature study camp was conducted as part of the Environment Education Program for the members of the National Green Force in Malappuram district. 50 students from 25 schools and eight teachers participated in the camp held on December 1, 2, 3, 2023 at Karimpuzha Wildlife Sanctuary.

In the camp, which lasted for three days, classes were conducted by experts in the field of environment and nature studies in various sessions. Various programs such as canoeing trips, meditation, bird watching, butterfly watching, star gazing and river cruises were held as part of the camp. Nilambur South Divisional Forest Officer P. Praveen inaugurated the camp.

Mr. Riyad, Abdul Wahid, Nishad KU Abduhman Suqut, Amin Ahsan AS, Dr. Pramod Irumbuzhi and Hamidali Vazhakad conducted various sessions. Uma KB, Anjana, Basheer, Rafi and Rasheed led the camp.



12.NNCP KOZHIKODE

Campsite: Aralam Wildlife Sanctuar Iritty, Kannur

Dates of the programme: 28/12/2023 - 30/12/2023

Day 1

By 4.30 pm the attendees were reached at Aralam Wildlife Sanctuary, Iritty, Kannur and was welcomed by Susanth M., Wildlife Assistant. After a tea-break, the attendees went to Cheenkanni River for cleaning and bathing. Notes, pen and other stationeries and T-shirts were distributed to all attendees. Children were reported at 6.30 pm for a session on Aralam Wildlife Sanctuary. The session was conducted by Susanth M. The dinner was delivered at 8.30 pm and followed by ice-breaking session led by Ramesh Babu, Joint Coordinator, Smart Energy Program, Kozhikode.

Day 2

Attendees woke up at 5.30 am. By 6.00 am, the attendees were reported at the base campsite. Susanth led them to the Interpretation Centre where the attendees had a session on different wildlife sanctuaries in Kerala and India. Then the team return back for the breakfast. By 9.30 am, the attendees gathered again at the base camp site for the three hour long walk in to the forest. Yadhu guided the team and given necessary instructions. At 11.00 am the team had a rest-session at the interior side of Cheenkanni

River. By 12.30 pm the team returned to the base camp site. After 4.00 hour long forest walk, the students were explored to the different type's flora and fauna in the natural forest. The team had a lunch at 1.30 pm and took a rest after the lunch. At 3.00 pm, a session on snakes was taken by Pranav, Mangad of Malabar Awareness and Rescue Center for Wildlife (MARC), Pappinissery. After a one-half hour session the students went to another bathing session in Cheenkanni river. The evening tea was served at 6.00 pm. At 6.30 pm, a session on birds was taken by Susanth M. as a preparatory session for the bird-watching session planned on the next day. The team went to dinner at 8.30 pm. From 9.30 onwards a recreation session was conducted. Students and teachers were actively participated in this session which was led by Ramesh Bau, Member, DIMC, NGC Kozhikode and all of them enjoyed a lot.

Day 3

Attendees woke up 5.30 am and got ready for the bird watching session. The one-hour session was led by Susanth which begun at 6.00 in a silent mood where the different types of bird calls only were heard. A visit to the Aralam Farm settlement area also done. A photo session was planned in front of the Dormitory which took place at 8.15 am. Then the team went for the breakfast. At 10.00 am, a quiz session was held by Susanth to receive the feedback of the campaign. The children whole-heartedly participated in the session and responded well. The team went to the Cheenkanni river at 11.00 am for the natural bathing in the consecutive third day. At 12.30 pm, the certificate distribution ceremony was conducted. Susanth, students, teachers and co-ordinators spoke in the ceremony and shared their feedback about the camp. The certificates were distributed.



13. NNCP WAYANAD I

Venue: Wayanad Wildlife sanctuary

Date: 1-3 December 2023

National Green Corps (NGC) Wayanad organised NNCP programme at Wayanad Wildlife sanctuary at Kallumuk Nature Study Center for high school students on 1-3 December 2023.

The camp began on 1st December 2023 at 4 pm. The total number of participants is 55 nos including 50 students and 5 teachers of 25 schools of the district.

As part of the campaign, trucking, awareness classes, video exhibition, public place cleaning, quiz competition etc. were organized. Forester O. A. Babu, N. Badusha, Beat forester Officers Anuj. M and Athira V. K. took classes for the students. 50 children from 25 schools of the district participated in the camp. T-shirt bag, book, pen and water bottle were given to the children.

The students were taken for trekking to the forests to about 10 km. Several animals and birds such as great Hornbill, Indian Giant Squirrel, deer, and elephants were seen. Students could also study their scientific names too. They got excited on seeing the tree top houses. In the evening, a class was taken by Shri. Justin Prakash & O.A Babu on Biodiversity Conservation followed by the cultural activities of the students.

On the third day the student's went for Bird watching, followed by plastic collection campaign in the sanctuary.

14. NNCP WAYANAD II

Venue: Wayanad Wildlife sanctuary

Date: 26-28 January 2024

National Green Corps (NGC) Wayanad organised NNCP programme at Wayanad Wildlife sanctuary at Muthanga Nature Study Centre for high school students on 26-28 January 2024

The camp began on 1st December 2023 at 4 pm. The total number of participants is 56 nos including 51 students and 5 teachers of 25 schools of the district.

As part of the campaign, trucking, awareness classes, video exhibition, public place cleaning, quiz competition etc. were organized. Forester O. A Babu, N. Badusha, Beat forester officers Anuj. M and Athira V. K. took classes for the students. 50 children from 25 schools of the district participated in the camp. T-shirt bag, book, pen and water bottle were given to the children.

Shri. Shaiju.P,(MO.College.Mutil), Smt. Ashwani Krishna,(Zoogical Park, Thrissur), Shri.Santhosh.K.(Beet Forester Officer) ,Shri . John Paul took the class under the guidance of NGC District coordinator C. Jayarajan, John Paul, Muhammadali, Chitra.S, Sheeba.K.



15.NNCP KANNUR

Camp site: Aralam Wildlife Sanctuary

Date: 6/01/2024-8/01/2024

Day 1

At 3.30pm all participants reached at Aralam wildlife sanctuary. Within 30 minutes 52 students and 9 escorts registered and ready for introduction speech. Sharp 4 PM started the camp with the introduction speech by Sri T P Padmanabhan. He briefly described about the camp and other instruction to follow in the camp. Shri. Pradeep C, Wildlife warden, Aralam wildlife sanctuary inaugurated the function. Asst wildlife warden and other officials attended the function. After the inauguration Sri C. Pradeep gave a class about forest and wildlife and the Aralam Wildlife Sanctuary. Then Sri Sushant gave some safety instructions to follow in the wildlife Sanctuary. Then the bird identification class with multimedia presentation by sasidharan manekkara. After the diary writing of camp members the first day programme was completed.

Day 2

The programme started with bed coffee at 6 am. Sharp 6.15 am started the birdwatching nature walk. Melodious song of Malabar whistling thrush gave hearty welcome in the forest. The different king of forest birds began to calls. Students are thrilled with the music of nature. Within one hour identified 20 birds. Then came back to dormitory for breakfast. After the breakfast started the nature walk with Sri T. P Padamanabhan to Pookkundu through the Shore of Cheenknni River a tributary of Valapattanam River 2 km away from dormitory. The first class was about NGC. What? Why? And how it is running. Also pointed out the NGC is one of the biggest eco movements in the country. More than one and half lakhs schools actively participating this programme, also

described the meaning of word eco and corps and advised to act as a soldier to protect our nature.

Students have got direct experience with forest during this walk. They enjoyed the beauty of forest. Understand eco system service of the forest, river and the Western Ghats Then the lunch break and diary writing 1pm to 2 pm. Evening 3 o clock started the game of food web. It was interesting and got clear knowledge of food web system which working in nature. Every student has a written card of an animal or plant. Then everyone had to find the relations and tied with thread. Any one loosens the thread effected to all. It is a working model of food web system and got clear idea of ecosystem relation. After the evening tea started the class the world of butterfly by Smt. Nisha T K. It was interesting and a new subject to the students. During the class discussed importance of insects and butterflies in the nature. After supper the eco film show and diary writing.

Day 3

Morning 6 am all ready for morning walk. This day also experienced with the birding and bird call identification. Today observed 31 birds. After the breakfast again in the forest and identified some plants, trees, and butterflies, also observed some foodplants of butterfly. It was the time for study walk through the forest. In this walk aimed to acquire the knowledge of forest eco system. A detailed study of forest habitat and ecological service also interesting for children. 11.00 am back to dormitory and started the closing ceremony. Students and teachers shared their experience in the camp. Best three dairies were selected for prizes. Last session was distribution of certificate.



16.NNCP KASARAGOD

Venue: Kidoor Bird village. Kasaragod

Date 16/11/2023-18/11/2023

Camp began in the afternoon of 16th at Kidoor bird village near Kumbala, Kasaragod. And the briefing of camp and self introduction by the participants at Rajiva bhavana, community hall, the camp site. After Tea, camp members explored the nearby Kajoor pallam and premises. Formal inauguration of camp was held at the nearby laterite hillock by the Kumbala GP president Smt. Thahira yusuf CV. Susmitha. TM welcomed the gathering. Sri. T P Padmanabhan presided over the function. Ward members Raviraj K and Pushpalatha K gave felicitation address, and T V Hariharan gave vote of thanks. Till sunset we had a wonderful class on nature by Sri. T P Padmanabhan which actually touched the heart of children. At night class on snakes by Raju Kidoor, invasive plants by susmitha. TM and Butterfly conservation by our young member Aswaghosh CR were the main attraction.

On 17th early morning the participants went for birding and after breakfast we visited Neyyankayam, 35 Km away from the camp site and the location of the district animal Palappoovan aama (Soft shelled turtle). Sri. N V Sathyan, section forest officer took class on the conservation of this soft shelled turtle. Akhila Shinoj (Dist Co-ordinator, Biodiversity board), TP Padmanabhan and Anand pekkadam handled different sessions. Then we explored the nearby Bedakam forest and children had a chance to get acquainted with a forest ecosystem. After lunch we headed to Arikkadu, nesting area of the district bird White bellied sea eagle and had a good sight of it at a closer range. In the evening paid a visit to the nearby Miawaki forest with 1600 plants and explored the flora and fauna of the laterite hillock and also watched sunset. In the late evening sessions on water and energy conservation by Prabhakaran Vannadil followed by cultural programme which they really enjoyed. On 18th went to wetlands to explore the biodiversity of the area and river bank. After the evaluation, feedback and lunch camp concluded at 2.30 pm.



REPORT ON GREEN BOOK MOBLIE APPLICATION

Project Overview

The Greenbook application, a white-labeled project for the National Green Corps under the Kerala State Council for Science, Technology, and Environment (KSCSTE), is aimed at empowering school students to manage their planted profiles and fostering environmental responsibility.

Mobile Application:

The mobile application development for Greenbook encompasses the following features and functionalities:

- ♦ **User Registration and Login:** Users can create accounts and log in to access the application's features. This includes students, teachers, and other stakeholders.
- ♦ **Profile Creation for Plants:** Users can create profiles for the plants they have planted. They can input details such as the plant's name, scientific name, geotag (location), photos and videos, and a timetable for watering, weeding, and fertilization.
- ♦ **Care Reminders and Notifications:** The application will provide reminders and notifications to users based on the care schedule they have set for their plant profiles. This will help them stay on track with watering, weeding, and fertilization activities.

Web-based Administration Dashboard

Dashboard and Analytics: The console will provide stakeholders, such as teachers, school heads, district heads, and state heads, with a comprehensive dashboard to view statistics and analytics related to the plant profiles created by students. This includes data on the number of profiles, plant care activities, user engagement, and overall progress.

Access Control and User Management: The console will have role-based access control, allowing different stakeholders to access specific features and data based on their roles. User management functionality will enable administrators to create and manage user accounts.

Integration with Mobile Application: The console will be integrated with the mobile application's database to fetch and analyze data. This integration ensures that the console reflects real-time updates and provides accurate analytics.

Current Status

- ♦ **Project Meetings and Development**
 - A detailed project meeting has been conducted to outline the specifications and requirements for the Greenbook application.
 - The mobile application has been developed following these specifications.

Mobile Application Development

- Design and Functionality Approval: The design and functionality of the mobile application have been reviewed and approved.
- Internal Testing: The app is now available for internal testing on the Play Store.
- Internal Testing link:
<https://play.google.com/apps/internaltest/4701638501412668399>
- ◆ **Web Application Development**
 - Dashboard Development: The detailed dashboard for the web application has been developed.
 - Hosting and Approval: The web application is hosted on a temporary server, and its design and functionality have been approved.
