



Annual Activity Report ENVIRONMENT EDUCATION PROGRAMME 2022-23



July 2023



GUJARAT ECOLOGICAL EDUCATION AND RESEARCH (GEER) FOUNDATION

Gujarat Ecological Education and Research (GEER) Foundation is an autonomous organisation established in 1982 by Forest and Environment Department, Gujarat State. Ecological Education and Research are two primary areas which summarize GEER Foundation's scope of work. The GEER Foundation conducts and facilitates scientific research and studies as well as educational programmes to enhance the knowledge base and awareness regarding ecology as whole. The Foundation also has state-of-the-art Ecological Research & Monitoring Laboratory. The Foundation also manages Indroda Nature Park, Aranya Udhyan in Gandhinagar and Hingolgadh Wildlife Sanctuary in Rajkot District. The GEER Foundation carries out various ecological education activities such as experience based Nature Education Camps, trainings, workshops, seminars and awareness programmes. The Foundation is recognised as Scientific and Industrial Research Organisation (SIROs) by Department of Science and Technology, Government of India and also a member of reputed organisations like International Union for Conservation of Nature (IUCN), Standing Committee for National Board of Wildlife, State Board of Wildlife, Gujarat Coastal Zone Management Authority (GCZMA), Indian Society of Remote Sensing, etc. The GEER Foundation is also a Nodal Agency for Gujarat State Wetland Authority.

Objectives

There are 26 objectives of GEER Foundation as per its Memorandum of Association (MoA) Some of the salient objectives are as follows:

- To create love for nature and wildlife by promoting knowledge of ecology, ecosystems, environment and natural history among children, youth and common public.

- To actively engage in ecological research and promote the conservation of wild flora and fauna with a view to preserving natural resources for future and to educate the public in these
- To establish, manage and promote wilderness areas, museums, parks and other repositories of animals and plants, living or dead.
- To promote advocacy for importance of natural resources of Gujarat and the need for their judicious and scientific management and development.
- To engage in breeding of endangered species of plants and animals and reintroduce them in the wild, if possible.
- To promote knowledge of natural history, particularly the study of animal and plant life of the oriental region and adjoining zoo-geographical regions, both, alive and otherwise.
- To carry out research in all branches of natural history and to assist other institutions and individuals engaged in similar pursuits with information, advice and finance.
- To strive to establish cooperation with institutions including universities in India and abroad working in the areas of Ecological Education and Research.

ECOLOGICAL EDUCATION AT GEER FOUNDATION

The Foundation aims at generating love for nature and promoting knowledge of ecology, ecosystems, environment and natural history among children, youth, officers and laymen through various Ecological Education (EE) activities. EE at GEER Foundation restores and strengthens links between man and nature to address the question of coexistence with nature while respecting the prevalent differences between man and its environment.

EE being one of its primary objectives, GEER Foundation has developed multi-disciplinary approach for creating effective and far-reaching results. It

imparts EE by carrying out outdoor interpretation facilities created in the name of Indroda Nature Park. It is endowed with Natural History Museum (Zoo, Dinosaur Park, Fossil Park, Energy Park, Cactus Garden and Botanical Garden), Aranya Udyan (Wilderness Park) at Gandhinagar and Nature Education Sanctuary at Hingolghadh. The Foundation also conducts nature education programmes, trainings and awareness campaigns. It also produces and broadcasts radio programmes on regular basis and publishes reports, books, magazines and audio-visual material related to nature, ecology, wildlife, biodiversity, environment and climate change.

ENVIRONMENT EDUCATION PROGRAMME (EEP)

The Environment Education Programme (EEP) is a component of the revamped (during the year October,2022) Central Sector Scheme '**Environment Education, Awareness, Research and Skill Development (EEARSD)**' by MoEFCC, Gol. It aims at supplementing the efforts of Ministry of Education in the formal education front, through varied pedagogical initiatives to impart non-formal environment education. This programme intends to leverage on the key sectoral strength of Eco-clubs already formed under National Green Corps programme, in addition to targeting Youth Clubs and other such clubs/units/groups formed under various programmes/schemes of the Government. The GEER Foundation is the State Nodal Agency/ Implementing Agency for this programme in the Gujarat State.

The activities are scaled up from symbolic ones to focused training/campaigns on sustainable Lifestyle aimed at motivating children/youth to think critically and form their habits in such a way as to live in harmony with nature. Long-lasting change is most likely to occur when it is self-motivated and rooted in optimistic thinking. The programme aims at supplementing the knowledge that the children and young generation gain

formally in class rooms with experience from nature and hands-on activities. In providing this supplementary experiential nature education, focus is kept on the foundation of principles envisaged in the National Education Policy, 2020.

The objective of the Programme is to sensitize children/ youth regarding issues related to environment and to motivate them to adopt sustainable lifestyle through varied pedagogical initiatives like workshops, projects, exhibitions, campaigns, competitions, nature camps, summer vacation programmes, etc.

ECO CLUBS

GEER Foundation as a nodal agency under the then National Green Corps (NGC) for the Gujarat State created a network of more than 15,000 Eco Clubs including schools and colleges across the state.

- The Foundation extends the technical and educational support to such Eco Clubs to conduct environmental education and awareness activities under newly launched Environment Education Programme (October, 2022) which can sensitize the student members of such Eco Clubs.
- It works in synchronization with the line department officers

EEP ACTIVITIES DURING THE YEAR 2022-23

During the Financial Year 2022-23, the GEER Foundation carried out below mentioned activities under **Environment Education Programme:**

- Kitchen Garden with Drip Irrigation Project in Eco Clubs
- Compost Bed Project in Eco Club(s)
- 101 Ways to Reuse Plastic Waste – Training Workshops
- Sustainable Lifestyle Practices – Training Workshops
- Nature Camps

KITCHEN GARDEN WITH DRIP IRRIGATION PROJECT

LiFE Goal(s)/Actions:

- Sustainable Food Systems Adopted
 - Create kitchen gardens/ terrace gardens at homes/ schools/ offices
- Water Saved
 - Use of water efficient drip irrigation – water efficient, cost effective and time saving plant watering technique

A kitchen garden creates a powerful link between our daily lifestyle and the well-being of our planet Earth. Here's how a kitchen garden promotes a sustainable lifestyle and benefits the environment:

Local and Organic Food: By growing your own fruits, vegetables, and herbs, you reduce your reliance on store-bought produce that often travels long distances, contributing to carbon emissions. Additionally, you have control over the use of pesticides and fertilizers, allowing you to prioritize organic and chemical-free cultivation.

Reduced Food Waste: A kitchen garden encourages mindful consumption and reduces food waste. You can harvest only what you need, minimizing the chances of excess produce going to waste. This reduces the strain on landfills and decreases greenhouse gas emissions associated with decomposing food waste.

Water Conservation: The integration of drip irrigation in a kitchen garden promotes efficient water usage. Drip irrigation delivers water directly to plant roots, minimizing evaporation and runoff. This practice helps conserve water

resources, especially in regions facing water scarcity, and contributes to the sustainability of our water supply.

Biodiversity and Habitat Creation: A kitchen garden can attract beneficial insects, birds, and pollinators, thus promoting biodiversity. By creating a diverse and welcoming habitat for wildlife, you contribute to maintaining a healthy ecosystem and support the balance of nature.

Climate Change Mitigation: Gardens, including kitchen gardens, play a role in mitigating climate change. Plants absorb carbon dioxide, a greenhouse gas, during photosynthesis. By growing plants, you contribute to reducing the carbon footprint and help combat climate change.

Educational Tool: A kitchen garden connected to lifestyle and the environment serves as an educational tool to teach sustainable practices to individuals and communities. It raises awareness about the importance of environmental stewardship, inspires others to adopt similar initiatives, and encourages a sense of responsibility towards the planet.

Personal Well-being: Engaging with nature through gardening has numerous benefits for personal well-being. It offers stress relief, promotes physical activity, and enhances mental health. A kitchen garden becomes a source of satisfaction, providing fresh, nutritious produce that contributes to a healthier lifestyle.

By incorporating a kitchen garden into our lifestyle choices, we actively participate in sustainable practices that benefit both our immediate surroundings and the broader environment. It empowers individuals to make conscious decisions that contribute positively to the planet's health and inspire others to adopt similar practices.

The GEER Foundation, Gandhinagar during the FY 2022-23 successfully implemented this activity based project in 77 Eco Club Schools of Eight (8) Districts of Gujarat. Below is the list of Eco Club Schools:

Sr #	Name of School	City / Place	Taluka	District
1.	SARASWAT UTTAR BUNIYADI VIDHYALAY	BAYAD	BAYAD	ARAVALLI
2.	UTTAR BUNIYADI VIDHYALAYA PANCHMUVADA	PANCHMUVADA (MOTI INDRAN)	BAYAD	ARAVALLI
3.	SHRI UTTAR BUNIYADI VIDYALAYA SUNOKH	SUNOKH	BHILODA	ARAVALLI

4.	SHRI ASHISH UTTAR BUNIYADI VIDYALAYA BAVLIYA	BAVALIYA	BHILODA	ARAVALLI
5.	SHRI BHAGYODAY UTTAR BUNIYADI VIDYALAYA PARSODA	PARSODA	MALPUR	ARAVALLI
6.	SHRI GRAMYA VIKAS UTTAR BUNIYADI VIDYALAYA	RAMBHODA	MALPUR	ARAVALLI
7.	SHRI JIVAN KALYAN UTTAR BUNIYADI KRISHNA VIDHYALAY, KADVADI	KADVADI	MEGHARAJ	ARAVALLI
8.	SHREE PANIBAR VANTA GROUP UTTAR BUNIYADI VIDYALAYA PANIBAR	PANIBAR	MEGHARAJ	ARAVALLI
9.	SHRI RATNADEEP UTTAR BUNIYADI VIDHYALAY KUNOL	KUNOL	MEGHARAJ	ARAVALLI
10.	EKLAVYA MODEL RESIDENTIAL SCHOOL AHWA DANG	AHWA	AHWA	DANG
11.	DEEP DARSHAN HIGH SCHOOL AHWA	AHWA	AHWA	DANG
12.	ADARSH NIVASI SCHOOL SAPUTARA (GIRLS)	SAPUTARA	AHWA	DANG
13.	ADARSH NIVASI SCHOOL AHWA (GIRLS)	SAPUTARA	AHWA	DANG
14.	ASHRAM SHALA LINGA	LINGA	AHWA	DANG
15.	JAWAHAR NAVODAYA VIDYALAYA SAPUTARA (THE DANGS)	SAPUTARA	AHWA	DANG
16.	ADARSH NIVASI SHALA BARDIPADA (BOYS)	BARDIPADA	SUBIR	DANG
17.	ADARSH NIVASI SHALA WAGHAI (BOYS)	WAGHAI	WAGHAI	DANG
18.	SHRI ASHARAM SCHOOL KALIBEL	KALIBEL	WAGHAI	DANG
19.	HATHAJ PAY CENTER SCHOOL	HATHAJ	NADIAD	KHEDA
20.	HATHJANI JUNI MUVADI PRIMARY SCHOOL	HATHJANI JUNI MUVADI	NADIAD	KHEDA
21.	SHREE NALANDA U B VIDHYALAY	AJMAVATKOT	KATHLAL	KHEDA
22.	SAIBABA UTTAR BUNIYADI KANYA VIDHYALAY	SAMADRA	KHEDA	KHEDA
23.	MARIDA PAY CENTER SCHOOL	MARIDA	NADIAD	KHEDA
24.	SADHANA UCHCHATAR BUNIYADI UTTAR VIDHYALAY	BAMANGAM	MATAR	KHEDA
25.	JUNA BILODRA PAY CENTER SCHOOL	JUNA BILODRA	NADIAD	KHEDA
26.	SHREE D.S. UTTAR BUNIYADI VIDHYAMANDIR	DETHLI	MATAR	KHEDA
27.	UTTAR BUNIYADI VIDYALAY, DAKOR	DAKOR	THASRA	KHEDA
28.	SARDAR GRAM UTTAR BUNIYADI VIDYALAYA	PILOL	THASRA	KHEDA
29.	UTTAR BUNIYADI VIDYALAYA, RANTEJ	RANTEJ	BECHRAJI	MAHESANA
30.	SHRI UTTAR BUNIYADI VIDYALAYA ADEVADA	ADEVADA	BECHRAJI	MAHESANA
31.	UTTAR BUNIYADI VIDYALAYA SULTANPURA	SULTANPURA	VADNAGAR	MAHESANA
32.	ADARSH NIVASI SHALA KHERALU	KHERALU	KHERALU	MAHESANA
33.	SHRI G.K. CHAUDHARI UTTAR BUNIYADI KANYA VIDYALAYA,	MEVAD	MAHESANA	MAHESANA

	MEVAD			
34.	N.R.T JUTH UTTAR BUNIYADI VIDYALAYA NAVAVAS RAJPUR	NAVAVAS RAJPUR	SATLASANA	MAHESANA
35.	SHRI S.K. PATEL UTTAR BUNIYADI VIDYALAYA	HADOL	SATLASANA	MAHESANA
36.	UTTAR BUNIYADI VIDHYALAY, CHHABALIYA	CHHABALIYA	VADNAGAR	MAHESANA
37.	SHETH DHARAMCHAND HARICHAND HIGH SCHOOL	JAGUDAN	MAHESANA	MAHESANA
38.	ZAVERI V.R. HIGH SCHOOL	VIJAPUR	VIJAPUR	MAHESANA
39.	MODEL SCHOOL BALASINOR	BALASINOR	BALASINOR	MAHISAGAR
40.	BRANCH SHALA NO. 5 LUNAWADA	LUNAWADA	LUNAWADA	MAHISAGAR
41.	EKLAVYA MODEL RESIDENTIAL SCHOOL KADANA	DIWADA	KADANA	MAHISAGAR
42.	SHRI MODEL SCHOOL KADANA (DIWADACOLONY)	KADANA	KADANA	MAHISAGAR
43.	MODEL SCHOOL BAKOR	BAKOR	KHANPUR	MAHISAGAR
44.	SENA DARIYA JUNA GORADA PRIMARY SCHOOL	SENA DARIYA		MAHISAGAR
45.	UTTAR BUNIYADI ASHRAM SHALA	MOTISARSAN	SANTRAMPUR	MAHISAGAR
46.	SWAMI VIVEKANAND ASHRAM SHALA	GOTHIBADA	SANTRAMPUR	MAHISAGAR
47.	SHRI VANDE MA BHARTI ASHRAM SHALA	MOTISARSAN	SANTRAMPUR	MAHISAGAR
48.	SHRI RAJPURA PRATHMIK SHALA	RAJPURA	BALASINOR	MAHISAGAR
49.	SHRI VALMIKI ASHRAM SHALA	RAYBOR	VANSDA	NAVSARI
50.	GIRIJAN AHARAMSHALA	AMBABARI	VANSDA	NAVSARI
51.	ASHRAMSHALA	KHAMBHALA	VANSDA	NAVSARI
52.	KESHAV ASHRAMSHALA	KHAMBHALA	VANSDA	NAVSARI
53.	UTTAR BUNIYADI ASHRAM SHALA	ADADA	NAVSARI	NAVSARI
54.	ADARSH NIVASI SHALA	SISODRA	NAVSARI	NAVSARI
55.	SANDIPANI ASHARAMSHALA	UPSAD	VANSDA	NAVSARI
56.	SHRI VALLBHA ASHRAMSHALA	KURELIA	VANSDA	NAVSARI
57.	ASHRAMSHALA UMRKUI	UMRKUI	VANSDA	NAVSARI
58.	VEJMA PRIMARY SCHOOL	VEJMA	MORVA (H)	PANCHMAHAL
59.	GYANDIP ANUDANIT NIVASHI PRATHMIK SCHOOL	VANSKOT	GHOGHAMBA	PANCHMAHAL
60.	MODEL SCHOOL CHNCHOPA	CHNCHOPA	GODHRA	PANCHMAHAL
61.	MODEL SCHOOL JAMBUGHODA	RAMPURA	JAMBUGHODA	PANCHMAHAL
62.	ADIJATI ASHRAM SHALA	ADADARA	KAALOL	PANCHMAHAL
63.	NASIRPUR PRIMARY SCHOOL	NASIRPUR	GODHRA	PANCHMAHAL
64.	DALVADA PRIMARY SCHOOL	DALVADA	SEHRA	PANCHMAHAL
65.	MAHULIYA PRIMARY SCHOOL	MAHULIYA	GODHRA	PANCHMAHAL
66.	MATRIYA VYAS PRIMARY SCHOOL	MATRIYA VYAS	SEHRA	PANCHMAHAL

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67.	MODEL SCHOOL SHAHERA	KANKARI	SHEHRA	PANCHMAH AL
68.	K.B.H. GARDI UTTAR BUNYADI SHALA	BHADRADA	SAMI	PATAN
69.	TAXSHILA UTTAR BUNYADI VIDYALAYA	KATARA	HARIJ	PATAN
70.	UTTAR BUNYADI VIDYALAYA	UNDRA	PATAN	PATAN
71.	ADARSH UTTAR BUNYADI VIDHYALAY	BHILOT	RADHANPU R	PATAN
72.	MODEL SCHOOL RADHANPUR	RADHANPUR	RADHANPU R	PATAN
73.	UTTAR BUNYADI ANE UCHHTAR MADHYMIK SHALA	GOTARKA	RADHANPU R	PATAN
74.	MODEL SCHOOL SAMI	SAMI	SAMI	PATAN
75.	SHRI SANSKARDHAM UCHCHH UTTAR BUNYADI VIDHYALAY	BANDHVAD	RADHANPU R	PATAN
76.	ADARSH HIGH SCHOOL, AJIMANA	AJIMANA	SARASWATI	PATAN
77.	MODEL SCHOOL VAGDOD	VAGDOD	SARASWATI	PATAN



COMPOSTING AT SOURCE – COMPOST BED

LiFE Goal(s)/Actions:

- Sustainable Food Systems Adopted
 - Compost food waste at home
 - Prepare organic manure from various organic materials and apply to farms / gardens
- Waste Reduced
 - Use agricultural residue, animal waste for composting, manuring and mulching

Composting at the source and creating a compost bed offers several benefits for a sustainable lifestyle. Here are some key advantages:

Waste Reduction: Composting at the source allows you to divert organic waste from landfills. Food scraps, yard trimmings, and other biodegradable materials make up a significant portion of household waste. By composting these materials, you reduce the amount of waste sent to landfills, thereby minimizing methane production—a potent greenhouse gas.

Nutrient-Rich Soil Amendment: Compost is a valuable organic fertilizer and soil amendment. It enriches the soil by providing essential nutrients, improving soil structure, and enhancing its ability to retain water. By creating a compost bed, you can produce your own nutrient-rich compost, reducing the need for synthetic fertilizers and promoting healthy plant growth.

Sustainable Gardening: Using compost from your compost bed in your garden promotes sustainable gardening practices. Compost increases soil fertility, which reduces the dependence on chemical fertilizers. It also enhances soil moisture retention, reducing the need for excessive watering. As a result, your garden becomes more resilient, efficient, and environmentally friendly.

Closed Nutrient Cycle: Composting creates a closed-loop nutrient cycle. Instead of discarding organic waste, which would ultimately require the use of synthetic fertilizers, you recycle the nutrients back into the soil. This process minimizes the reliance on external inputs, conserves resources, and contributes to a sustainable ecosystem.

Water Conservation: Compost improves soil structure and porosity, enhancing water infiltration and reducing water runoff. By using compost in your garden or landscape, you can conserve water by minimizing evaporation and promoting deeper root growth, leading to more efficient water utilization.

Carbon Sequestration: Composting helps sequester carbon from organic waste. Instead of releasing carbon dioxide into the atmosphere as the waste decomposes in a landfill, composting creates a stable form of carbon storage in the soil. This contributes to mitigating climate change by reducing greenhouse gas emissions and building healthy, carbon-rich soils.

Education and Awareness: Composting at the source and creating a compost bed provide opportunities for education and raising awareness about waste management, soil health, and sustainable practices. It encourages individuals and communities to adopt responsible waste management habits, promoting a more sustainable and environmentally conscious lifestyle.

By composting at the source and creating a compost bed, you actively contribute to waste reduction, nutrient cycling, water conservation, and carbon sequestration. These practices align with a sustainable lifestyle by reducing waste, conserving resources, and promoting healthier ecosystems.

The GEER Foundation, Gandhinagar during the FY 2022-23 successfully implemented this activity based project in 74 Eco Club Schools of Eight (8) Districts of Gujarat. The Eco Clubs were trained on various aspects of composting including managing natural waste, food waste, collection, pit preparation, collection and setting up the mechanism like waste audits, measuring compost variables, compost experiments, etc.

Below is the list of Eco Club Schools:

Sr #	Name of School	City / Place	Taluka	District
1.	SARASWAT UTTAR BUNIYADI VIDHYALAY	BAYAD	BAYAD	ARAVALLI
2.	UTTAR BUNIYADI VIDHYALAYA PANCHMUVADA	PANCHMUVADA (MOTI INDRAN)	BAYAD	ARAVALLI
3.	SHRI UTTAR BUNIYADI VIDYALAYA SUNOKH	SUNOKH	BHILODA	ARAVALLI
4.	SHRI ASHISH UTTAR BUNIYADI VIDYALAYA BAVLIYA	BAVALIYA	BHILODA	ARAVALLI
5.	SHRI BHAGYODAY UTTAR BUNIYADI VIDYALAYA PARSODA	PARSODA	MALPUR	ARAVALLI

6.	SHRI GRAMYA VIKAS UTTAR BUNIYADI VIDYALAYA	RAMBHODA	MALPUR	ARAVALLI
7.	SHRI JIVAN KALYAN UTTAR BUNIYADI KRISHNA VIDHYALAY, KADVADI	KADVADI	MEGHARAJ	ARAVALLI
8.	SHREE PANIBAR VANTA GROUP UTTAR BUNIYADI VIDYALAYA PANIBAR	PANIBAR	MEGHARAJ	ARAVALLI
9.	SHRI RATNADEEP UTTAR BUNIYADI VIDHYALAY KUNOL	KUNOL	MEGHARAJ	ARAVALLI
10.	EKLAVYA MODEL RESIDENTIAL SCHOOL AHWA DANG	AHWA	AHWA	DANG
11.	DEEP DARSHAN HIGH SCHOOL AHWA	AHWA	AHWA	DANG
12.	ADARSH NIVASI SCHOOL SAPUTARA (GIRLS)	SAPUTARA	AHWA	DANG
13.	ADARSH NIVASI SCHOOL AHWA (GIRLS)	SAPUTARA	AHWA	DANG
14.	ASHRAM SHALA LINGA	LINGA	AHWA	DANG
15.	JAWAHAR NAVODAYA VIDYALAYA SAPUTARA (THE DANGS)	SAPUTARA	AHWA	DANG
16.	ADARSH NIVASI SHALA BARDIPADA (BOYS)	BARDIPADA	SUBIR	DANG
17.	ADARSH NIVASI SHALA WAGHAI (BOYS)	WAGHAI	WAGHAI	DANG
18.	SHRI ASHARAM SCHOOL KALIBEL	KALIBEL	WAGHAI	DANG
19.	HATHAJ PAY CENTER SCHOOL	HATHAJ	NADIAD	KHEDA
20.	HATHJANI JUNI MUVADI PRIMARY SCHOOL	HATHJANI JUNI MUVADI	NADIAD	KHEDA
21.	SHREE NALANDA U B VIDHYALAY	AJMAVATKOT	KATHLAL	KHEDA
22.	SAIBABA UTTAR BUNIYADI KANYA VIDHYALAY	SAMADRA	KHEDA	KHEDA
23.	MARIDA PAY CENTER SCHOOL	MARIDA	NADIAD	KHEDA
24.	SADHANA UCHCHATAR BUNIYADI UTTAR VIDHYALAY	BAMANGAM	MATAR	KHEDA
25.	JUNA BILODRA PAY CENTER SCHOOL	JUNA BILODRA	NADIAD	KHEDA
26.	SHREE D.S. UTTAR BUNIYADI VIDHYAMANDIR	DETHLI	MATAR	KHEDA
27.	UTTAR BUNIYADI VIDYALAY, DAKOR	DAKOR	THASRA	KHEDA
28.	SARDAR GRAM UTTAR BUNIYADI VIDYALAYA	PILOL	THASRA	KHEDA
29.	UTTAR BUNIYADI VIDYALAYA, RANTEJ	RANTEJ	BECHRAJI	MAHESANA
30.	SHRI UTTAR BUNIYADI VIDYALAYA ADEVADA	ADEVADA	BECHRAJI	MAHESANA
31.	UTTAR BUNIYADI VIDYALAYA SULTANPURA	SULTANPURA	VADNAGAR	MAHESANA
32.	ADARSH NIVASI SHALA KHERALU	KHERALU	KHERALU	MAHESANA
33.	SHRI G.K. CHAUDHARI UTTAR BUNIYADI KANYA VIDYALAYA, MEVAD	MEVAD	MAHESANA	MAHESANA
34.	N.R.T JUTH UTTAR BUNIYADI VIDYALAYA NAVAVAS RAJPUR	NAVAVAS RAJPUR	SATLASANA	MAHESANA
35.	SHRI S.K. PATEL UTTAR BUNIYADI	HADOL	SATLASANA	MAHESANA

	VIDYALAYA			
36.	UTTAR BUNIYADI VIDHYALAY, CHHABALIYA	CHHABALIYA	VADNAGAR	MAHESANA
37.	SHETH DHARAMCHAND HARICHAND HIGH SCHOOL	JAGUDAN	MAHESANA	MAHESANA
38.	ZAVERI V.R. HIGH SCHOOL	VIJAPUR	VIJAPUR	MAHESANA
39.	MODEL SCHOOL BALASINOR	BALASINOR	BALASINOR	MAHISAGAR
40.	BRANCH SHALA NO. 5 LUNAWADA	LUNAWADA	LUNAWADA	MAHISAGAR
41.	EKLAVYA MODEL RESIDENTIAL SCHOOL KADANA	DIWADA	KADANA	MAHISAGAR
42.	SHRI MODEL SCHOOL KADANA (DIWADACOLONY)	KADANA	KADANA	MAHISAGAR
43.	MODEL SCHOOL BAKOR	BAKOR	KHANPUR	MAHISAGAR
44.	SENA DARIYA JUNA GORADA PRIMARY SCHOOL	SENA DARIYA		MAHISAGAR
45.	UTTAR BUNIYADI ASHRAM SHALA	MOTISARSAN	SANTRAMPUR	MAHISAGAR
46.	SWAMI VIVEKANAND ASHRAM SHALA	GOTHIBADA	SANTRAMPUR	MAHISAGAR
47.	SHRI VANDE MA BHARTI ASHRAM SHALA	MOTISARSAN	SANTRAMPUR	MAHISAGAR
48.	SHRI RAJPURA PRATHMIK SHALA	RAJPURA	BALASINOR	MAHISAGAR
49.	SHRI VALMIKI ASHRAM SHALA	RAYBOR	VANSDA	NAVSARI
50.	GIRIJAN AHARAMSHALA	AMBABARI	VANSDA	NAVSARI
51.	ASHRAMSHALA	KHAMBHALA	VANSDA	NAVSARI
52.	KESHAV ASHRAMSHALA	KHAMBHALA	VANSDA	NAVSARI
53.	UTTAR BUNIYADI ASHRAM SHALA	ADADA	NAVSARI	NAVSARI
54.	ADARSH NIVASI SHALA	SISODRA	NAVSARI	NAVSARI
55.	SANDIPANI ASHARAMSHALA	UPSAD	VANSDA	NAVSARI
56.	SHRI VALLBHA ASHRAMSHALA	KURELIA	VANSDA	NAVSARI
57.	ASHRAMSHALA UMRKUI	UMRKUI	VANSDA	NAVSARI
58.	VEJMA PRIMARY SCHOOL	VEJMA	MORVA (H)	PANCHMAHAL
59.	GYANDIP ANUDANIT NIVASHI PRATHMIK SCHOOL	VANSKOT	GHOUGHAMBA	PANCHMAHAL
60.	MODEL SCHOOL CHNCHOPA	CHNCHOPA	GODHRA	PANCHMAHAL
61.	MODEL SCHOOL JAMBUGHODA	RAMPURA	JAMBUGHODA	PANCHMAHAL
62.	ADIJATI ASHRAM SHALA	ADADARA	KAALOL	PANCHMAHAL
63.	NASIRPUR PRIMARY SCHOOL	NASIRPUR	GODHRA	PANCHMAHAL
64.	DALVADA PRIMARY SCHOOL	DALVADA	SEHRA	PANCHMAHAL
65.	MAHULIYA PRIMARY SCHOOL	MAHULIYA	GODHRA	PANCHMAHAL
66.	MATRIYA VYAS PRIMARY SCHOOL	MATRIYA VYAS	SEHRA	PANCHMAHAL
67.	MODEL SCHOOL SHAHERA	KANKARI	SHEHRA	PANCHMAHAL
68.	K.B.H. GARDI UTTAR BUNIYADI	BHADRADA	SAMI	PATAN

	SHALA			
69.	TAXSHILA UTTAR BUNYADI VIDYALAYA	KATARA	HARIJ	PATAN
70.	UTTAR BUNYADI VIDYALAYA	UNDRA	PATAN	PATAN
71.	ADARSH UTTAR BUNYADI VIDHYALAY	BHILOT	RADHANPUR	PATAN
72.	MODEL SCHOOL RADHANPUR	RADHANPUR	RADHANPUR	PATAN
73.	UTTAR BUNYADI ANE UCHHTAR MADHYMIK SHALA	GOTARKA	RADHANPUR	PATAN
74.	MODEL SCHOOL SAMI	SAMI	SAMI	PATAN
75.	SHRI SANSKARDHAM UCHCHH UTTAR BUNYADI VIDHYALAY	BANDHVAD	RADHANPUR	PATAN
76.	ADARSH HIGH SCHOOL, AJIMANA	AJIMANA	SARASWATI	PATAN
77.	MODEL SCHOOL VAGDOD	VAGDOD	SARASWATI	PATAN



101 WAYS TO REUSE PLASTIC WASTE – TRAINING WORKSHOPS

LiFE Goal(s)/Actions:

- Single Use Plastic Reduced
 - Reuse waste plastic containers, bottles, packaging plastic items, etc. creatively to reduce burden on landfill sites
- Waste Reduced
 - Practice segregation of dry and wet waste at schools / homes
 - Upcycling of waste plastic items

Our children live in an age where things are discarded without a second thought, only to buy and accumulate more than we often need. With the environmental crisis our world is facing, it's time to make an effort to change this. So, why not encourage our children to take this forward using simple methods such as upcycling and recycling? If we have to improve the environment, public awareness is the primary requirement. This is particularly important because most of the environmental issues arise out of our way of living. Only with collective thinking; we will be able to restore balance in our environment. To attain this goal, four (4) such type of training workshops were organized on a central theme "101 Ways to Reduce Plastic Waste" in Four Districts of Gujarat targeting Eco Club teachers and students of particular District. Eco Club teachers and students were provided skill-based training through a day-long workshop with hands on activities. The workshop facilitated the teachers to further engage with students at their school with hands-on DIY activities.

Date	District	Participants (Students)	Participants (Teachers)
06-03-2023	Anand	100	10
13-03-2023	Kachchh	100	10
15-03-2023	Vadodara	100	10
26-03-2023	Dang	100	10

Following was the common schedule followed for above programmes:

Time (hrs)	Activity
10.00	Arrival & Registration
10.00 – 10.15	Opening & Orientation
10.15 – 11.45	Session: Mission Life – A step towards Sustainable Lifestyle
11.45 – 12.30	Session: Plastic Waste Pollution

12.30 – 13.15	Session/Demonstration: Demonstration of various items made from plastic waste
13.15 – 14.30	Lunch Break
14.30 – 16.30	Practical Hands on Activities: Making various items / models / projects from plastic waste
16.30 – 17.00	Feedback and Closing

Anand



Kachchh





Vadodara



Dang





SUSTAINABLE LIFESTYLE PRACTICES – TRAINING WORKSHOPS

LiFE Goal(s)/Actions:

- Healthy Lifestyle Adopted
 - Reduce the impact of pollution and climate change, start biodiversity conservation at individual and community level, sustainable organic farming practices

Sustainable lifestyle practices are becoming increasingly important as we strive to protect the environment and mitigate the impacts of climate change. Training workshops can play a crucial role in educating and empowering individuals to adopt sustainable habits and make positive changes in their daily lives. The GEER Foundation, Gandhinagar organized Six (6) such types of training workshops targeting Eco Club Schools / Colleges in Six Districts of Gujarat as mentioned below:

Date	District	Participants (Students)	Participants (Teachers)
25 & 26-03-2023	Dahod	100	10
28 & 29-03-2023	Gandhinagar	97	10
28 & 29-03-2023	Vadodara (Urban)	95	10
29 & 31-03-2023	Vadodara (Rural)	95	10
30 & 31-03-2023	Rajkot	100	10
30 & 31-03-2023	Kheda	100	10

Following was the common schedule followed for above programmes:

Time	Activity
Day 01	
10.00	Arrival & Registration (Including Tea & Breakfast)
10.00 – 11.00	Opening Ceremony
11.00 – 12.00	Session 1: LiFE – Life style for Environment
12.00 – 13.00	Greening Techniques
13.00 – 14.30	Lunch Break
14.30 – 15.30	Organic Farming
15.30 – 15.45	Tea Break
15.45 – 17.30	Practical Session for Greening Techniques & Organic Farming
17.30 – 18.00	Feedback & Closing for the day
Day 02	
08.00 – 08.30	Tea & Breakfast
08.30 – 12.30	Field visit of nearest Biodiversity or Forest area
12.30 – 13.30	Overall Feedback & Ceremony
13.30 onwards	Lunch

- **Greening Techniques:** The participants were provided information on various greening techniques that they can adopt to create a more sustainable and eco-friendly living space around them like Indoor Plantation, Vertical gardening, Herbal Gardening, Window boxes or Balcony Containers, Kitchen Gardening etc. They were also demonstrated how they can make their own space green by converting some common waste materials like plastic bottles, earthen pots, cardboard boxes etc.
- **Organic Farming:** Training on organic farming is crucial for sustainable agriculture practices that prioritize environmental conservation, soil health, and human well-being. Organic farming training provided participants with knowledge and skills to cultivate crops using natural and organic methods, without the use of synthetic chemicals. The training covered various aspects of organic farming, including soil management, pest and disease control, crop rotation, composting, and organic certification requirements. Additionally, practical demonstrations, hands-on activities, and field visits included in the training to provide real-life examples and enhance participants' understanding of organic farming techniques. Overall, organic farming

training provided the knowledge and skills needed to adopt sustainable and environmentally friendly practices, promoting the production of healthy food while preserving natural resources for future generations.

- Knowing local biodiversity and importance of its conservation: Understanding local biodiversity and its conservation is crucial for maintaining healthy ecosystems and ensuring the well-being of our planet. Biodiversity provides numerous benefits, including pollination, natural pest control, nutrient cycling, and ecosystem resilience. Conserving local biodiversity helps to preserve natural habitats, protect endangered species, maintain ecosystem balance, and promote ecological sustainability. By safeguarding local biodiversity, we contribute to the health and stability of our environment, supporting the interconnected web of life on Earth. Such concept was practically well explained during the field visit to important biodiversity places. During the field visit participants explored various floral and faunal diversity of the area.

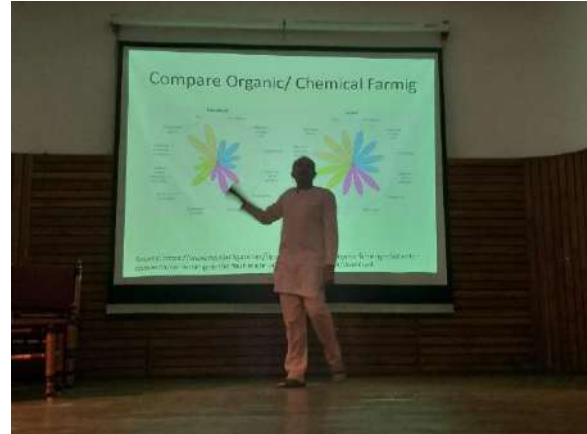
Dahod



Gandhinagar



Vadodara (Urban)



Rajkot



Vadodara (Rural)



Kheda



NATURE CAMPS

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

Under this program special Nature Education Camps for Eco Club schools are organized to create awareness amongst school/college students on environment and nature. The program aims to provide students an opportunity to learn about natural resources, ecosystem services, etc and the importance of the area by involving them in activities such as:

- Know Your Environment
- Forest observation trails
- Trekking
- Group discussion, experience sharing and
- Other nature based activities

For the FY 2023-24, Eight (8) such types of camps were organized by GEER Foundation, Gandhinagar targeting Eco Club Colleges from Eight (8) Districts.

List of participating schools with dates of the camp

Sr. No.	Date From	Date To	Alloted To	District	Participants
1	1-Mar-23	3-Mar-23	SMT. C.P. CHOKSI ARTS & SHREE P.L. CHOKSI COMMERCE COLLEGE VERAVAL	Gir Somnath	54
1	1-Mar-23	3-Mar-23	SHRI K.M. SAVJANI & SMT. K.K. SAVJANI BBA BCA COLLEGE VERAVAL	Gir Somnath	
2	2-Mar-23	4-Mar-23	SHRI L.J. INSTITUTE OF APPLIED SCIENCE, AHMEDABAD	Ahmedabad	40
2	2-Mar-23	4-Mar-23	PRESIDENT SCIENCE COLLEGE, AHMEDABAD	Ahmedabad	
3	3-Mar-23	5-Mar-23	ARIBAS COLLEGE, VALLABH VIDYANAGAR (ANAND)	Anand	50
3	3-Mar-23	5-Mar-23	SHRI NATUBHAI V. PATEL COLLEGE OF PURE AND APPLIED SCIENCES, VALLABH VIDYANAGAR (ANAND)	Anand	
4	4-Mar-23	6-Mar-23	KOTAK SCIENCE COLLEGE, RAJKOT	Rajkot	48
4	4-Mar-23	6-Mar-23	COLLEGE OF AGRICULTURE, VADODARA	Vadodara	
5	9-Mar-23	11-Mar-23	COLLEGE OF RENEWABLE ENERGY AND ENVIRONMENTAL ENGINEERING, DANTIWADA	Banaskantha	50

			(BANASKANTHA)		
5	9-Mar-23	11-Mar-23	SHRI LABHUBHAI TRIVEDI INST. OF ENGG & TECH (SLTIET), RAJKOT	Rajkot	
6	10-Mar-23	12-Mar-23	SCHOOL OF SCIENCE, RAJPIPLA (NARMADA)	Narmada	50
6	10-Mar-23	12-Mar-23	SCHOOL OF ARTS & COMMERCE, RAJPIPLA (NARMADA)	Narmada	
7	11-Mar-23	13-Mar-23	K.J. INSTITUTE OF AYURVEDA & RESEARCH, JAVLA SAVLI (VADODARA)	Vadodara	50
7	11-Mar-23	13-Mar-23	COLLEGE OF VETERINARY SCIENCE AND AH, KAMDHENU UNIVERSITY, SARDARKRUSHNAGAR (BANASKANTHA)	Banaskantha	
8	13-Mar-23	15-Mar-23	KISHANBHARTI ARTS, COMMERCE & SCIENCE COLLEE, MEVAD (MAHESANA)	Mahesana	50
8	13-Mar-23	15-Mar-23	ARTS, COMMERCE & SCIENCE COLLEGE, PILVAI (MAHESANA)	Mahesana	
			Total		392

Time (hrs)	Activities
Day - 01	
By 11.00	Arrival
11:00 - 11:30	Registration
11:30 - 12:00	Introduction of GEER Foundation and Orientation of Camp
12:00 - 13:00	Ecological Profile of Gujarat
13:00 - 14:30	Lunch
14:30 - 15:45	Orientation of Mission LiFE – A step towards Sustainable Lifestyle and its actions, Climate Change & Forests etc.
15:45 - 16:00	Tea Break
16:00 - 19:30	Nature Trail, Butterfly Park visit, Plantation Area visit, Self-Observation and Learning in Nature, Information about Snakes etc.
19:30 - 21:00	Dinner
21:00 - 22:00	Interactive Session with Invited Guest(s)
Day - 02	Field Exposure Visit at Vijaynagar Polo
05:30 - 07:30	Reaching Vijaynagar Polo Campsite
07:30 - 08:30	Breakfast
08:30 - 13:00	Nature Observation Trail (Hagariyo Trail) including Bird Watching, Plant Watching and other components
13:00 - 14:30	Lunch
14:30 - 15:30	Visit to Interpretation Centre
15:30 - 16:30	Interaction & Eco Games
16:30 - 16:45	Tea Break
16:45 - 17:30	Visit to Archeological Site
17:30 - 18:30	Visit to Dam
18:30 - 21:30	Return to Aranya Udhyan
21:30 - 22:30	Dinner
Day - 03	
07:00 - 07:30	Breakfast

Time (hrs)	Activities
07:30 - 09:00	Nursery Techniques, Campsite Cleaning
09:00 onwards	Departure

Ecological Profile of Gujarat: The first technical session the participants explore the Ecological Profile of Gujarat. In this session, they were explained the importance, concept and various aspects of biogeography as well as biodiversity. They were also explained that maintaining a wide diversity of species in each ecosystem is necessary to preserve the web of life that sustains all living organisms.

Lifestyle for Environment: This session provided and motivated participants to adopt an eco-friendly lifestyle for the environment. They were explained how they can practice sustainable habits such as reducing waste, conserving energy and water, choosing renewable resources, supporting local and organic products, and advocating for environmental protection, etc. they were also explained how small individual actions collectively make a significant impact on our planet's health.

Nature Trail: All participants were taken on forest trail for field exposure on the first day evening of the camp. In this field exposure they were explained basics of ecology, ecosystem, community, population, niche, habit& habitat, food-chain, food-web etc. by actually showing different elements of nature by camp educators. During the trail, they were given information about the forest of Aranya Udhyan, various forests types in Gujarat, brief idea about Ecology & Ecosystem, etc. They also learnt inter-relationship among various components of abiotic and biotic environment. They also walked through different forest plantation demonstration plots, plantation technicians like miyawaki forest, etc. This session also included exploring and observing plants diversity, bird watching, butterfly watching etc. Knowledgeable and experienced nature educators and resource persons accompany them and help in interpretation of observations of nature.

Field Exposure Visit at Vijaynagar Polo Forest: Polo forest, also known as Vijaynagar Polo Forest, is a dry mixed deciduous forest near Abhapur village in Vijaynagar Taluka of Sabarkantha District. It is located at the foothills of the Aravalli range and on the banks of perennial Harnav river. The name is "Polo" derived from "Pol", the Marwari word for "Gate," signifying its status as a gateway between Gujarat and Rajasthan. The area is a unique mixed deciduous forest and an abode of more than 450 species of medicinal

plants, around 275 of birds, 30 types of mammals, 32 of reptiles and many majestic insects.

One-day field exposure visits the participants were very excited to explore the unique natural place. They were taken on a trail and explored the areas like Eco Point and Charakyo Dungar – the only habitat for Long Billed Vultures in Sabarkantha District. During the trail they were also explained about various flora and fauna. They learnt basic techniques of bird watching, identifying birds, plants and uses of various plants. This practical session gave them enriching and thrilling experience because many of them have had the experience like this for the first time. During their field exposure, they were also explained about the hydrology and geology of the area as well. They were also explained about the Aravalli Hills and its significance. They also visited Sarneshwar Shiva temple – the beautiful archaeological site. They also visited the Vanaj Dam during their visit. They also learnt about the importance of dam in irrigation, ground water recharge etc.



Interactive Session at Campsite



Interactive Session at Campsite



Interactive Session at Campsite



Interactive Session at Campsite



Night time activities



Visit to Butterfly Garden at Aranya Udhyan



Visit to Interpretation centre at Polo



Field exposure visit at Polo



Field exposure visit at Polo



Field exposure visit at Polo



Field exposure visit at Polo



Field exposure visit at Polo

Summary of the Activists under EEP 2022-23

#	Date of Event	Details of the Event	Category (A/B)	Number of Days of Camp in case of B	District(s) Covered Number	District(s) Covered Name	No. of Children Participated	No. of Youth Participated (Colleges / etc.)
1.	06/03/2023	101 Ways to Reuse Plastic Waste – Training Workshops	A		1	Anand	100	
2.	13/03/2023	101 Ways to Reuse Plastic Waste – Training Workshops	A		1	Kachchh	100	
3.	15/03/2023	101 Ways to Reuse Plastic Waste – Training Workshops	A		1	Vadodara	100	
4.	26/03/2023	101 Ways to Reuse Plastic Waste – Training Workshops	A		1	Dang	100	
5.	25 – 26/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Dahod		100
6.	28 – 29/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Gandhinagar		97
7.	28 – 29/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Vadodara (Urban)		95
8.	29 – 31/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Vadodara (Rural)		95
9.	30 – 31/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Rajkot		100
10.	30 – 31/03/2023	Sustainable Lifestyle Practices – Training Workshop	A		1	Kheda	100	
11.	01 – 03/03/2023	Nature Camp 1	B	3	1	Gir Somnath		54
12.	02 – 04/03/2023	Nature Camp 2	B	3	1	Ahmedabad		40
13.	03 – 05/03/2023	Nature Camp 3	B	3	1	Anand		50
14.	04 – 06/03/2023	Nature Camp 4	B	3	2	Rajkot / Vadodara		48
15.	09 – 11/03/2023	Nature Camp 5	B	3	2	Rajkot / BK		50
16.	10 – 12/03/2023	Nature Camp 6	B	3	1	Narmada		50
17.	11 – 12/03/2023	Nature Camp 7	B	3	2	Vadodara / BK		50
18.	13 – 12/03/2023	Nature Camp 8	B	3	1	Mahesana		50