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Issue 3



Beat Air Pollution

ECO-CLUB

**NATIONAL GREEN CORPS, KARNATAKA
NEWSLETTER**

National Green Corps (NGC)

National Green Corps is a national school programme of Ministry of Environment Forests and Climate Change (MoEF&CC), Government of India (GoI) launched in 2001. The main objective of the scheme is to establish "National Green Army" by establishing Eco clubs in schools all over the nation to spread awareness on environment and carry out action based programmes for protection and improvement of environment. Environmental Management and Policy Research Institute (EMPRI) is serving as Nodal Agency for NGC in Karnataka to implement the programme since January 2009.

In the year 2019-20, 14132 Eco club schools across 34 educational districts of the Karnataka State have received financial grant from MoEF&CC.

Number of Eco-club Schools under NGC Programme

SL No	Category of Schools	No. of Eco-club schools
1	Government Higher Primary Schools	6587
2	Government High Schools	4464
3	Government Aided Higher Primary Schools	188
4	Government Aided High Schools	2868
5	Private (Unaided) Schools	25
Total		14,132

NGC Programme during 2019-20

For the financial year 2019-20, MoEF&CC had sanctioned Grants- in-Aid of Rs 7,86,61,000/- (Rupees seven crore eighty six lakhs sixty one thousand only) under Environment Education Awareness and Training (EEAT) Scheme vide MoEF & CC EE-Division sanction order No.3-140/2001-EE(Vol.1) dated 12th July,2019.

Financial assistance to 14132 Eco-Clubs at Rs 5000/- per Eco-club with the ceiling of 500 Eco-clubs per district for supporting activities of Eco clubs and financial assistance for strengthening the implementation and monitoring of National green corps programme at district level @ Rs.25, 000/-per district for 34 educational districts were received.

On receipt of funds from Ministry of Environment Forests and Climate Change (MoEF&CC), Government of India (GoI), EMPRI released Grants-in Aid to the respective bank accounts of 14132 Eco-club schools. Financial assistance to districts were released to the respective bank accounts of Samagra Shikshana, Karnataka of 34 districts of Karnataka State. **Details are given in Annexure –1**

Annexure –1: Details of Grants-in Aid to Eco-club schools and Districts

Sl.no	District Name	Total No. of Eco-club Schools	Grants-in Aid released to Eco-club schools (Rs.)	Financial assistance amount released to SSK of District (Rs.)
1	Bagalkot	250	12,50,000	25,000
2	Bengaluru North	392	19,60,000	25,000
3	Bengaluru Rural	500	25,00,000	25,000
4	Bengaluru South	494	24,70,000	25,000
5	Belgaum	500	25,00,000	25,000
6	Bellary	250	12,50,000	25,000
7	Bidar	500	25,00,000	25,000
8	Bijapur	250	12,50,000	25,000
9	Chikkaballapura	500	25,00,000	25,000
10	Chamarajanagara	500	25,00,000	25,000
11	Chikkodi	500	25,00,000	25,000
12	Chikamagaluru	500	25,00,000	25,000
13	Chitradurga	500	25,00,000	25,000
14	Dakshina Kannada	500	25,00,000	25,000
15	Davangere	500	25,00,000	25,000
16	Dharwad	500	25,00,000	25,000
17	Gadag	500	25,00,000	25,000
18	Gulbarga	250	12,50,000	25,000
19	Hassan	250	12,50,000	25,000
20	Haveri	500	25,00,000	25,000
21	Kodagu	250	12,50,000	25,000
22	Kolar	500	25,00,000	25,000
23	Koppal	250	12,50,000	25,000
24	Madhugiri	500	25,00,000	25,000
25	Mandya	500	25,00,000	25,000
26	Mysore	248	12,40,000	25,000
27	Raichur	250	12,50,000	25,000
28	Ramanagara	250	12,50,000	25,000
29	Shimoga	500	25,00,000	25,000
30	Sirsi	500	25,00,000	25,000
31	Tumkur	500	25,00,000	25,000
32	Udupi	500	25,00,000	25,000
33	Uttara Kannada	500	25,00,000	25,000
34	Yadgir	248	12,40,000	25,000
Total		14,132	7,06,60,000	8,50,000

Environmental day celebrations by EMPRI during the year 2019-20

World Environment day celebration 2019 Theme: Air pollution

EMPRI celebrated World environment day on June 5th, 2019 by setting up an exhibition stall at world environment day event organized by Government of Karnataka in Chowdaiah Memorial Hall Bengaluru. Road rally and Cyclothon were organized as part of the celebration. EMPRI staff members interacted with the officers of different departments, school, college students and public to raise environmental awareness. Handouts and children books on environment were distributed to public and children to encourage environment protection. Banned plastic items and alternate items to plastics were kept on display in the stall to create awareness about the harmful effects of plastic on environment and ban on plastic usage. The event promoted environmental awareness among public at large. The event witnessed participation of Mr. Tejasvi Soorya, Member of Parliament along with few ministers of karnataka. Around 1,000+ participants from colleges, schools and public across various districts of Karnataka.



World Environment Day celebration at Chowdiah Memorial Hall, Bengaluru

On 7th, June 2019, EMPRI also celebrated world environment day at Doresanipalya campus and a Government High School, Puttenahalli. Road rally/jatha was carried out from Vinayaka nagar to Puttenahalli by EMPRI Staff to create awareness on environmental protection by holding placards with various environmental messages. Street plays were organized with a theme "Air Pollution" in Government High School, Puttenahalli premises. Lectures by EMPRI Staff on importance of world environment day, effects of air pollution, preservation of clean air were part of world environment celebration. Students, teachers and members from public actively participated in the event. Fruits and refreshments were distributed to the participants. The programme witnessed participation of 1000+ people.



World Environment Day celebration in Government High School, Puttenahalli, Bengaluru

World Ozone Day Celebration

On 16th September 2019, World ozone day was celebrated at Government High School, Sarakki, J P Nagar Bengaluru. Dr Nagappa, Retired Senior Scientific Officer, Karnataka State Pollution Control Board and Mr. Kumaraswamy D, Retired Environmental Officer, Karnataka State Pollution Control Board, delivered lectures and discussed the importance of ozone layer that protects everything on the Earth from harmful ultraviolet (UV) rays from the Sun. EMPRI staff also advised children to protect the ozone layer and discussed different measures to prevent depletion of ozone layer. Drawing, slogan writing and essay writing competitions were held with the theme "Save Ozone Layer" to the students. Prizes were distributed to the winners. Fruits and refreshments were distributed to the participants. The event witnessed participation of 600+ students.



World Ozone Day Celebration

Activities conducted by EMPRI under Swachhta Action Plan (SAP) during the year 2019-20

Swachhta Pakhwada Campaign

• Cleaning of Office Premises

On 01-06-2019, Cleaning of office premises of EMPRI and Doresani-palya forest campus was carried out. Waste materials including old papers and plastic wastes were segregated and handed over to Bruhat Mahanagara Palike (BBMP), Bengaluru for the disposal. 50+ employees participated.



Participation of employees in cleaning of office premises.



Before cleaning of office premises



After cleaning of office premises

• Cleaning of Public Parks, Market Places, Streets

On 03-06-2019, Public awareness campaign was carried out in Public Parks, Market Places and Public Places of Bengaluru city. NGC team visited prominent places of Bengaluru such as Vidhana Soudha, Vikasa Souda, High Court and Public Parks such as Cubbon Park and Lalbagh. Through this campaign, NGC team encouraged people to take up cleanliness drive and promote cleanliness through people's participation. This public Programme witnessed participation of 200+ people.



Public awareness on Swachhta Pakwada campaign at Public park, Bengaluru

• Awareness Programme on Air pollution

On 04-06-2019, NGC team participated in awareness programme at Bisleri International Pvt. Ltd, Bengaluru organized as part of World Environment Day celebration to create awareness on effect of air pollution on environment. EMPRI staff delivered talks on the ill effects of air pollution and steps to be taken to prevent air pollution. Interactive session on plastic pollution and its adverse effect on environment was also organized. Handouts on air pollution and plastic pollution were distributed to create public awareness. Plantation drive was organized as part of the programme. 200+ people including school children, teachers, public & employees of different organisations attended the event.



Inauguration of world environment day programme at Bisleri International Pvt Ltd, Devanahalli



Talk on Air Pollution by Mr Ramesha C, Nodal Officer-NGC, EMPRI



Plantation drive by School Children



Talk on air pollution by Sathyashree, NGC Programme Coordinator at Indo-Tibetan Border Police (ITBP).

NGC team also visited Indo Tibetan Border Police (ITBP) Office, Devanahalli, Bengaluru and delivered presentation on effects of air pollution on environment to staff to promote environmental awareness. 50+ staff members from ITBP were attended the presentation.

- **Cleaning of Kannamangala Lake**

On 12-06-2019, EMPRI organised cleaning of Kannamangala lake, Kannamangala village, Devanahalli Taluk, bengaluru Rural District. Cleanliness drive was carried out by the staff members from EMPRI, Indo-Tibetan Border Police, Bisleri International Pvt Ltd with eco-club school children, teachers and public. The collected waste materials were segregated and handed over to local authority for the disposal. EMPRI staff delivered the talk on Importance of Reviving the Dying Lakes of Bengaluru to school children. The Event witnessed participation of 100+ people.



Cleaning of Kannamangala Lake by EMPRI staff, ITBP, Bisleri staff and school children



Disposal of waste by local authority



Before Cleaning



After Cleaning

- **Cultural programmes, painting, essay writing competitions on Swachh Bharat, Swachhta Rallies on Open Defecation Free awareness**

On 15-06-2019, EMPRI organized cultural programmes for school children with the theme “Swachh Bharat” in Government High School, Malasandra, Bengaluru. Dance, group songs, skits and drama were part of cultural programme which aimed at promoting Swachh Bharat Abhiyaan and environmental protection. Drawing and essay writing competitions with theme “Swachh Bharat” were conducted. Students and teachers actively participated in the cultural programmes. EMPRI staff delivered talks on current environmental issues and urged students to take initiative to solve environmental problems. Prizes were distributed to the competition winners. Swachhta rallies on ODF awareness was organized. 1000+ people including school children, teachers, staff of EMPRI and public participated in the event.



A talk on Swachh Bharath by EMPRI staff member



Prize distribution to the winners of competitions



Teachers and EMPRI staff members with school children



Performance of drama by students on Swachh Bharath

Plastic Ban Implementation Survey

In the month of July 2019, EMPRI team conducted sample survey by visiting markets, malls, street vendors, hospitals, temples etc of eight zones of Bruhat Bengaluru Mahanagara Palike (BBMP) to check implementation status of Plastic ban notification 2016.



Inauguration by MLA, BBMP Mayor & NGC Coordinator



Presentation on plastic ban by NGC Coordinator

Workshop on plastic ban implementation

On July 5th 2019, Workshop on plastic ban implementation was organised by Bruhat Bengaluru Mahanagara Palike (BBMP), Bengaluru in Sir Puttanna Chetty Town Hall. Sathyashree, NGC Programme officer delivered a presentation on plastic ban implementation in Karnataka and briefed the audience about the effects of plastic pollution in land and water. She urged everyone for effective implementation of plastic ban. Mayor of Bengaluru, Member of Legislative Assembly of Jayanagar, Bengaluru and other stake holders were present during the workshop. More than 1000+ participants convened from across Bengaluru city including people from NGOs, members of Karnataka Plastic Association, BBMP officers, staff and public.

Plantation drive

On 26th and 27th July 2019, Plantation drives were organized at Dog Breeding and Training School (DBTS) of the Central Reserve Police Force (CRPF), Taralu, Bengaluru. 100 Red Sanders saplings were distributed to CRPF jawans on 80th Raising Day of DBTS, CRPF. Chief Guest of the programme, Dr V L Takur, Commandant Indo Tibetan Border Police (ITBP) distributed the saplings to CRPF Soldiers. Mr Ravindra, Deputy Inspector General of Police and Mahendra Hedge, Commandant were present in the event. 200+ members are participated.



CRPF Soldiers at 80th Raising Day of CRPF BDDS training School.



Plantation by Director General of EMPRI

On 29th July 2019, plantation drive was conducted at EMPRI, Doresanipalya campus. Rare species of plants were planted at EMPRI campus by Director General, Director & staff members of EMPRI. 75+ staff members participated.

“Dust to dust bin” campaign

From August 1st to 31st August, EMPRI organized “Dust to Dust Bin” campaign to create awareness among households and public to promote waste management and waste segregation at source. EMPRI printed flyers on “Duties of Waste Generator” from solid waste management rules-2016, Government of India. These flyers were distributed among general public in public places by EMPRI staff members. Flyers were also distributed to households as newspaper inserts in residential areas of J P Nagar, Bengaluru. 1000+ members are participated.



Distribution of flyers on “Duties of waste generator” from solid waste management rules-2016 as newspaper inserts.



EMPRI team along with Dr Shalini Rajneesh, Principal Secretary of Planning, Programme Monitoring & Statistics, Government of Karnataka at exhibition stall

On 27-08-2019, EMPRI team set up exhibition stall in the “Sustainable Development Goal” exhibition organised by Planning and Statistics department, Government of Karnataka at Freedom Park, Bengaluru. Posters about various environmental issues were on display in the stall. Brochures, handouts along with flyers of dust to dust bin were distributed to public. Dr Shalini Rajneesh, IAS, Principal Secretary of Planning, Programme Monitoring & Statistics, Government of Karnataka visited the exhibition stall. EMPRI staff interacted with the public and school children and discussed various measures to mitigate environmental issues. Campaign reached more than 5000+ people.

Training programs on Climate change, Plastic ban, Solid waste management and Bio-Medical waste management

On 01-08-2019, EMPRI team conducted training programmes on Climate change, Plastic ban notification, Solid waste management and Bio-Medical waste management to students of JSS Academy of higher studies, Mysore. Flyers and posters of different environmental issues were distributed to the participants. Banned plastic items and alternative to plastic were on display to create awareness. Interactive session was organised to discuss various environmental issues. 200+ Students and faculty members participated in the programme.



EMPRI team at JSS Academy of higher studies, Mysore



Training by Project Development officer at JSS Academy of higher studies, Mysore

Swatchatha Hi Seva programmes

On 31-08-2019, EMPRI in association with Chronic Foundation organized a marathon at Decathlon Eva mall, Brigade road Bengaluru to create awareness on cleanliness. Flyers on "Duties of Waste Generator" was distributed to morning walkers and general public at Halasur Lake road and Brigade road to promote cleanliness drive. Workshop on eco-friendly Ganesha idols was organized. 200+ people participated.



Distribution of Flyers to public at Decathlon, Brigade road.

Swatchatha Hi Seva programmes

EMPRI setup an exhibition stall at the “Plastic Ban & Alternative to Plastic” event organised by Bhruhat Bengaluru Mahanagara Palike (BBMP), at Freedom Park, Bengaluru from 12th september to 14th september. Banned plastic items, alternative to plastics and exempted plastic items were showcased in the exhibition to create awareness on plastic ban. EMPRI also distributed various hand-outs on waste management rules, banned and alternative to plastic items, books on air pollution and “Save lakes” children books to create awareness on environmental issues. EMPRI Staff members also had interactive session with public & school children on various environmental issues. EMPRI also spoke to media regarding effects of plastic pollution. Documentary films on climate change, plastic ban, sustainability and other environmental issues were shown to the participants. More than 10000+ people including school, college students, government, private employees, NGOs and general public convened from across the city.



Participants watching Documentaries & Videos on various environmental issues



Jaynagar MLA Sowmya Reddy at EMPRI stall at Freedom park, Bengaluru

Mysore Dasara Exhibition



Photos of Mysore Dasara Exhibition stall

EMPRI set up Exhibition stall for 3 months from 29-09-2019 to 27-12-2019 at “MYSURU DASARA “the state-festival of Karnataka. Mysore Dasara is a world famous festival and lakhs of visitors from across the world visit Mysore to celebrate Dasara. Hence EMPRI setup Exhibition stall to reach out lakhs of people. EMPRI’s exhibition stall was open to public for 3 months at Doddakere Maidana Zilla Panchayat Pavilion, Dasara Exhibition ground and witnessed very good response from lakhs of visitors. In the exhibition, EMPRI showcased photographs of eco club activities of NGC schools, waste management posters which explained the collection, transportation, disposal or recycling and monitoring of different types wastes with statistics of waste generated worldwide and in India. EMPRI also showcased dry waste, wet waste, E-waste, hazardous waste dustbins, E waste dust bin with E waste materials to create awareness on E waste, banned plastic items and alternative to plastics. Animal dolls and animal costumes were kept to attract the kids. Handouts/flyers on environmental messages like plastic pollution, air pollution, ODF awareness and children cartoon books on environment were distributed to visitors. 6000+ participants are involved in the event.



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