

**NATIONAL GREEN CORPS KARNATAKA**

**Submitted to**

**THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE  
CHANGE**

**GOVERNMENT OF INDIA**

## **ANNUAL REPORT 2018-19**



PREPARED BY

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**ENVIRONMENTAL MANAGEMENT AND POLICY RESEARCH INSTITUTE  
(EMPRI)**

**(An autonomous institute of the Department of Forest, Ecology and Environment,  
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## 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 2018-19, 7398 Eco club schools across 34 educational districts of the Karnataka State have received financial grant from MoEF&CC, Government of India (GoI)

The details of Eco-clubs in Karnataka State for the year 2018-19 are as follows:

Sl no	Category of School	No. of Eco-clubs
1	Government Higher Primary School & High School	5994
2	Government Aided Higher Primary School & High School	1404
	<b>Total</b>	<b>7398</b>

### NGC Programme during 2018-19

For the financial year 2018-19, MoEF&CC had approved sanction of grants- in-aid of Rs 3,65,19,022/- ( Three crore sixty five lakh nineteen thousand and twenty two only ) under National Green Corps Programme vide MoEF & CC sanction order No.3/140/2001-EE(Vol-1) dated 19th November, 2018. Rs 5000/ financial assistance to 7400 eco clubs with the ceiling of 250 eco clubs per district was received for supporting the activities of Eco clubs. On receipt of funds from Ministry of Environment Forests and Climate Change (MoEF&CC), Government of India (GoI), EMPRI has released funds directly in to the bank accounts of 7398 Eco club schools of 34 districts in Karnataka State.

### Environment Day Celebrations 2018-19

#### World Environment Day 2018

EMPRI has organized following programmes for world environment day celebration.

#### Envithon (Mini-Marathon) and Cyclothon

On the occasion of World Environment Day celebration, EMPRI has organized the Mini-Marathon for 5Km and Cyclothon for 10Km on 3rd June 2018 by involving school children to spread the message of theme of World Environment Day 2018 "Beat plastic pollution" in Cubban Park, Bengaluru. Around 3141 participants from state and central government offices, Non-Government Organisations, Indian army, School Children, Volunteers and walkers participated in the event.



**Flag off of Envithon**



**Participants of Mini marathon**



**Street play on plastic pollution during Envithon**

### **Pennar River front cleaning activity**

The Pennar River front cleaning in Nandi Hill (birth place of Pennar River) was arranged on 4th June 2018. Around 460 participants including school children, teachers, EMPRI staff, ITBP (Indo-Tibetan Border Police), CRPF (Central Reserve Police Force), CPCB (Central Pollution Control Board), Department of Education, tourists and public in the Nandi Hill area participated. Plastic wastes such as Plastic water bottles, plastic wrappers, plastic bags, plastic plates and plastic cups were collected Pennar river catchment area and handed over to the CCMC (Chikkaballapur City Municipal Council) through the Department of Horticulture, Nandi Hill Division, Government of Karnataka (GOK).



**Cleaning of Pennar river front by CRPF**



**Dr.K.H.Vinaya Kumar, CCF, EMPRI addressing school children participants to refuse one time use plastics to save the environment**





**School children participants at Pennar River front cleaning in Nandi Hills**

### **Kapila River front cleaning activity**

The Kapila River front cleaning in Nanjangud (tributary of Cauvery River) was done on 12th June 2018. Around 505 participants participated in the event including school children, teachers, EMPRI staff, CISF (Central Industrial Security Force), Department of Forest, Nanjangud CMC (City Municipal Council), journalists, MoEF&CC staff, South Zone office from Bengaluru, KSPCB of Mysuru Regional office, Department of Education and public participated. Plastic wastes such as Plastic water bottles, plastic wrappers, plastic bags, plastic plates and plastic cups were collected from Kapila River front and handed over to the Nanjangud CMC (City Municipal Council).



**Plastic pollutants collected from Kapila River (Srikanteshwara temple bathing spot)**



**One of the school participants of Kapila Riverfront briefing Beat Plastic Pollution to DD TV Channel**

### **Beach cleaning activity**

MoEF&CC had organised cleaning of beaches and river stretches in the country under the tagline of "Beat Plastic Pollution". In this regard, College of Fisheries, Mangaluru in collaboration with District administration of Dakshina kannada and Udupi District organized beach cleaning activity. The beach cleaning activities were carried out in all the ten stretches of beaches across Dakshina Kannada. They are Panumbour, Thannirubhavi, Bengre, Chota Bengre, Talapady-Someshwar, . Surathkal –Hosabettu, Kulai-Chitrapura, Ullal, Sasihithlu –Mukka. The beach cleaning activities were also carried out in all the five stretches of beaches across Udupi district. They are Padubidri, Kaup, Malpe, Marvanthe and Koteswara Event was emphasized for a greater awareness about menace of plastic pollution and its effects on marine life. Event was

held from 1st June to 10th June 2018 to clean plastic wastage to create awareness against usage of plastic, affecting the environment in participation with different government departments, Pollution control board, Tourism department, Regional office of Environment department, eco clubs, NGO's and local Volunteers and schools and college Children.

All the participants of beach cleaning programme were addressed and awareness was created regarding effect of plastic pollution on life and health of individuals and animals. The participants were advised to refuse or reuse and recycle the single use plastic. They were informed to use cloth bags, steel cups and plates in day today life, pamphlet were also issued regarding the do's and don'ts of the plastic.



**Cleaning activities at Beaches**

## **World Ozone Day 2018**

EMPRI has celebrated World Ozone Day on 20th September 2018. Drama Competition, Drawing Competition and Slogan Writing Competition were conducted for school children. The event commenced with the inaugural session Chaired by Smt Ritu Kakkar, IFS, Director General of EMPRI. Key note speech on "Importance of Ozone Day" was done by Prof. J. Srinivasan, Scientist, Divecha Centre for Climate Change, Indian Institute of Science, Bangalore. The celebration concluded with distribution of prizes to Competition winners.



**Inauguration Function**



**School children in Drama competition**



## Swachhata Hi Seva

As a precursor to the 150th birth anniversary celebrations of Mahatma Gandhi and in the run up to the 4th anniversary of Swachh Bharat Mission, it has been decided to observe Swachhata Hi Seva 2018, aims at accelerating the jan andolan for realizing the vision of a clean India, further reinforcing the that 'Sanitation is everyone's business'. In this regards, EMPRI has organised the Swachhata campaign on October 1<sup>st</sup>, 2018 in and around Doresanipalya Reserve Forest Campus. Green pledge on 'Cleanliness is Service' was given to the EMPRI staff by Smt. Ritu Kakkar, IFS, Director General, EMPRI. The waste materials collected during cleanliness drive was handed over to the BBMP for the disposal.



Green pledge taken by the EMPRI staff



Swachhata campaign at Doresanipalya Reserve Forest Campus.

## World Wetlands Day 2019

World Wetlands Day was celebrated on 2nd February 2019 to commemorate the adoption of "Ramsar Convention on Wetlands" in 1971 for conservation of wetland at the global level. Puttenahalli Government High School students participated and various activities were conducted as part of wetland day celebration. Students were taken to a nearby wetland, Puttenahalli Lake to create awareness on wetland. Sessions on Importance of wetlands were organized. Naturalist, Sri Prasad conducted Bird identification session to the participants. Quiz Competition was conducted for the Children and day was concluded with distribution of Prizes in the form of Books and Certificates for the winners.



Jatha towards Puttenahalli Lake



Birds Identification at Puttenahalli Lake



**School Children in Quiz competition**

## **Green Good Deeds programmes**

### **Plantation drive**

Shri. R. Shankar, Hon`ble minister for Forest, Ecology and Environment, Government of Karnataka inaugurated climate change laboratory at EMPRI on 24<sup>th</sup> July 2018. During his visit, Plantation drive was initiated in the premises of Doresanipalya Reserve Forest Campus. EMPRI has distributed saplings to eco club schools as a part of green good deeds initiative and which aims to inculcate the planting culture among school students. Details of Sapling distribution as detailed below;

- Bangalore South zone - 14 eco club schools, 10 saplings for each school-total 140 saplings
- Bangalore North zone - 10 eco club schools 10 saplings for each school- total 100 saplings



**Plantation drive at EMPRI by Shri. R. Shankar, Hon`ble minister for Forest, Ecology and Environment, GoK**



**Plantation drive initiated by EMPRI at Eco-Club schools**

### **Plastic-free Campaign at Bannerghatta National Park, Bangalore**

EMPRI has carried out the Plastic Ban Awareness drive at Bannerghatta National Park, Bangalore by coordinating with NGOs. During the course of these campaigns, plastic wastes were collected in and around Bannerghatta National Park and handed over to the BBMP. EMPRI has also created awareness on issues such as solid waste management, prevention of littering and cleanliness of the park and surrounding areas.



More than 100 participants from CRPF Bangalore, Volunteers, School and college students have participated in Plastic free Campaign. Banned Plastics & Alternatives of plastic Handouts and Plastic Muktha Karnataka brochure were distributed at the event.



**Jatha by the participants**



**Cleaning activity by the participants**

### Garbage Management

EMPRI has organised training programmes on Garbage Management for the various departments and groups. The Eco-Club Schools in the State have actively involved in Garbage management by segregating wet & dry waste in different bins.



**Herga Vittala Shetty Govt. High School, Kuchoor, Udupi District**



**Mukthi Prakash High School, Neerude, Dakshina kannada District**

### Promote Renewable Energy

EMPRI has distributed hand-outs on Renewable Energy to promote and create awareness on Renewable Energy in the stall at Dasara Exhibition, Mysore. Stall was open to public from 10<sup>th</sup> October 2018 to January 15<sup>th</sup> 2019. Eco club Schools have also organised various programmes to create awareness on Renewable Energy.

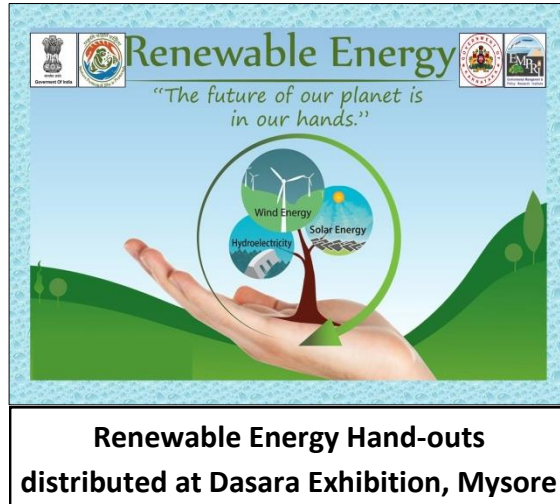


**GHS, Malikawada, Chikodi District**



**GHS, Holekoppa, Chikkamanagalore District**





### **Air Pollution Mitigation and Celebration of Harit Diwali**

EMPRI has distributed saplings, Earthen Diyas, Harit Diwali-Swasth Diwali awareness Handouts to the Eco-Club schools. The Harit Diwali – Swasth Diwali Pledge was widely circulated to the schools/colleges and other educational institutions and administration was requested to administer the said Pledge during their school assembly up to Diwali. EMPRI also visited 31 Eco-Club schools and requested the students to take the “Harit Diwali- Swasth Diwali awareness pledge in Kannada. EMPRI has also distributed Cloth Bags to Eco club schools to spread the awareness on plastic pollution. Schools premises cleaning programme was undertaken.

The Eco-Club Schools have actively participated in this celebration by taking up Harit Diwali – Swasth Diwali Pledge, Plantation drive, jathas, Cultural programme, Lighting of Diyas in the Schools. Harit Diwali – Swasth Diwali awareness and Harit Diwali – Swasth Diwali ‘Handouts ‘were distributed to the Eco-Club schools students.



**Distribution of saplings to the Eco club schools**



**Distribution of Earthen Diyas to the Eco club schools**



**Awareness pledge taken By Eco club School Students**



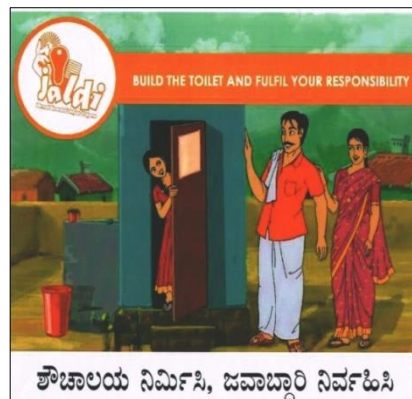
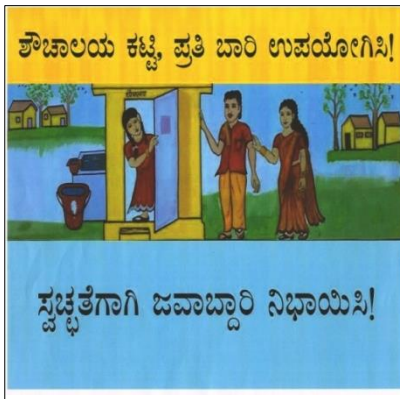
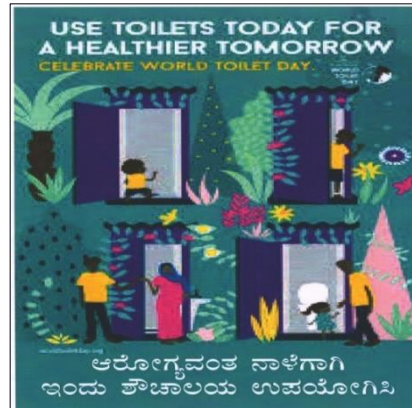
Handouts Distributed to Eco club Schools

### Awareness on Open Defecation Free

EMPRI has distributed 'Handouts' on "Open Defecation Free" at Dasara Exhibition Mysore to spread the awareness on Open Defecation free campaign by setting up a Stall. Stall was open to public from 10<sup>th</sup> October 2018 to January 15<sup>th</sup> 2019. EMPRI has distributed Handouts on "Open Defecation Free" to 24 Eco club schools of Bangalore south and North zones. Eco club schools children have also promoted this campaign through various activities like Jatha, drama, etc



Jatha to create awareness on Open defecation free taken up by Eco club Schools students



Open Defecation Free Handouts Distributed at Dasara Exhibition, Mysore



## Hygiene and Sanitation

EMPRI has distributed 'Handouts' on hygiene and sanitation to spread the awareness at Dasara Exhibition, Mysore by setting up a stall. Stall was open to public from 10<sup>th</sup> October 2018 to January 15<sup>th</sup> 2019. Eco-Club schools also have taken up various activities to teach the importance of hygiene and sanitation to students.



**KHPS, Shivanuru, Chikodi District**

## Plastic-free schools/colleges

Focusing on the "Beat Plastic Pollution" theme of world environment day 2018, Eco-Club schools of Karnataka have taken up various activities like Cleaning activities, plastic free schools, Jathas, Street plays etc. to spread the awareness on the usage & harmful effect of plastic on Environment.

EMPRI has organised Plastic-free campaign through various Programmes such as Cleaning campaigns, Jathas, Trainings, Mini Marathon, River & Beach cleaning activities. Empri has distributed Plastic ban Handouts to Eco-Club schools and Plastic Muktha Karnataka brochure and Cloth bags to various departments, groups and Eco-Club schools.



**Government High School, Suntikoppa,  
Kodagu District**



**Govt. Pre University college for Girls,  
Udupi District**

## Swachata Action Plan

- **Cleanliness drive, Bring back waste from nature, Clean Air Campaign**

EMPRI has organised Cleanliness drive, Bring back waste from nature, Clean Air Campaign on 15th febraury 2019 at Doresanipalya Forest Campus, Bengaluru. The event was successfully carried with the participation of MoEF & CC regional office, Bangalore staff, BBMP workers and EMPRI Staff. T-shirts and caps were distributed to all the participants. Jatha was carried at Doresanipalya forest campus. Cleaning of Doresanipalya forest area was taken up as part of Cleanliness drive. Personnel from Media also supported the campaign.



**Jatha on the street by the participants**



**Cleanliness drive at Doresanipalya Forest Campus**

- **Plantation drive**

EMPRI has organised Plantation drive at Doresanipalya Campus as well as in Eco club Schools to promote Plantation activities.

- **Environmental Film festival**

Under Swachata Action plan, EMPRI has organised environmental film festival on 28th February 2019 in Karnataka state pollution control board premise. Mr. Vijay kumar gogi, IFS Principal Secretary, Environment and Ecology department, Government of Karnataka, Mr. Manoj Kumar, IFS, Member Secretary, Karnataka state pollution control board were the guest of honour along with Mrs Ritu Kakkar, IFS Director general, EMPRI, Mr. Mahesh B Shiroor, IFS Director, EMPRI. Dr Vinay Kumar K. H, IFS Director, Reseach,EMPRI. Staff of EMPRI, KSPCB and interested public participated in the event. Various short films on environmental related issues were shown to the audience and discussions were held on the theme of the films. Participants



discussed on the concept and ideas of the films and shared their opinions. Films on global issues like water scarcity and importance of preserving water, water pollution were much appreciated by the audience.



- **Awareness on Open Defecation Free**

EMPRI and Eco Clubs have promoted this campaign by organising various activities for the public and students.

- **River and Beach Cleaning Activities**

Cleaning of Pennar and Kapila river and Beaches in Dakshina Kannada and Udupi district carried out from 1st June 2019 to 10th June 2019.

- **Awareness on Biodiversity to Eco club school in charge teachers**

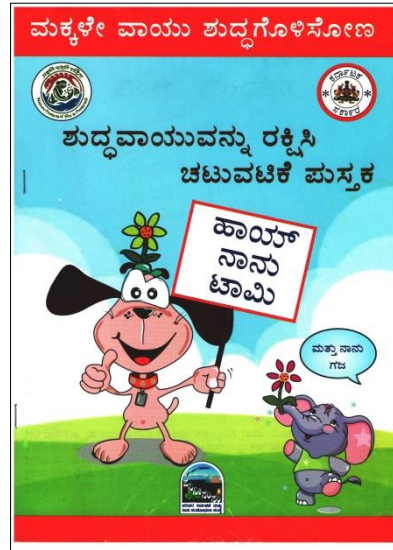
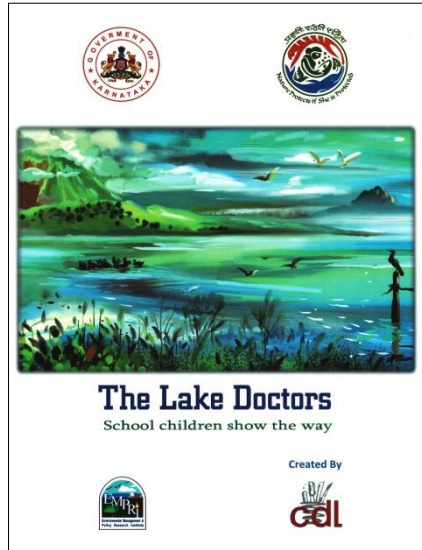
EMPRI has organised a training programme to create awareness on Bio-Diversity for Eco club teachers. 166 Eco-club schools in charge teachers from Bangalore north & south zone have participated in the programme. As Butterflies are recognised as valuable environmental indicators, both for their rapid and sensitive responses to subtle habitat or climatic changes and as representatives for the diversity and responses of other wildlife, Workshop on Butterfly identification and butterfly diversity were conducted. Information on EMPRI'S Butterfly mobile

application was provided and teachers were taken to field visit to identify butterflies. Session on Eco club activities was organised.



- **Children Cartoon books Published by EMPRI**

EMPRI has published two Children cartoon books, namely “The Lake Doctors” on conservation of Lakes and an activity Book on preservation of clean air. These books were sent to all Eco club schools in the state to be kept in the School library so that these books are accessible to the Students.



**Children Cartoon books**

- **Books on Solid waste management rules-2016**

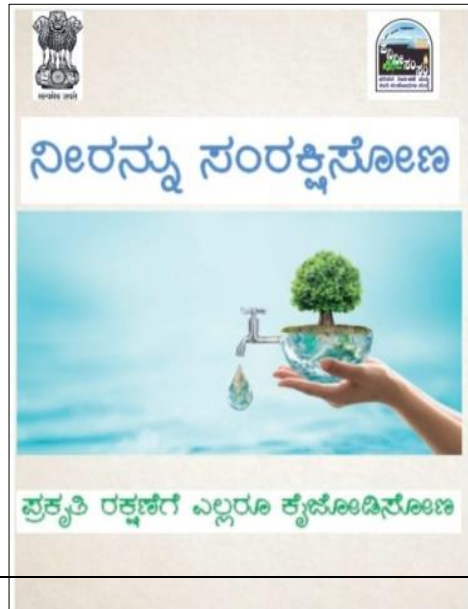
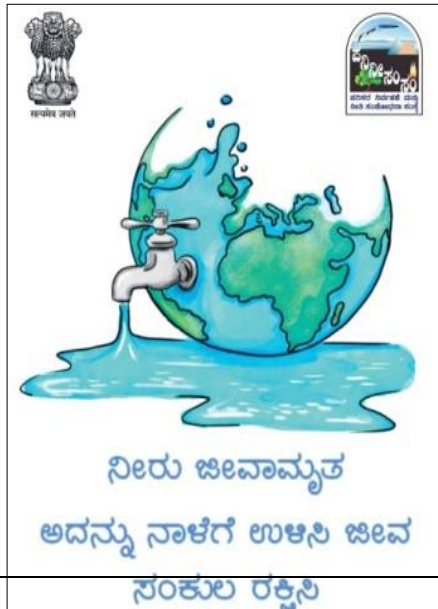
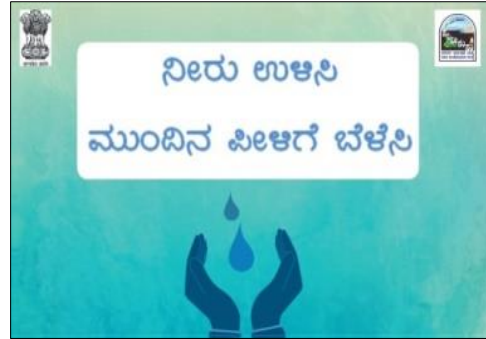
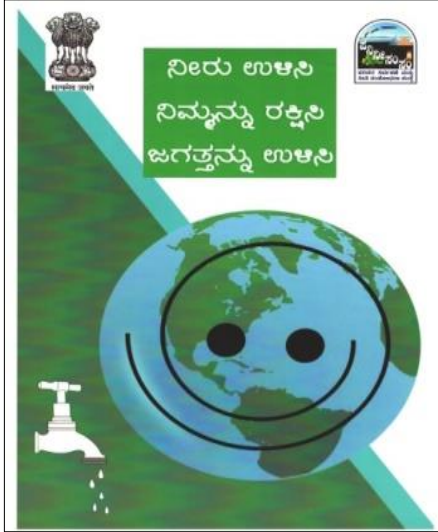
EMPRI has published books on Solid waste management rules-2016 in kannada language and these books are sent to urban local bodies, Head office and Regional offices of Karnataka State Pollution Control Board (KSPCB), The Bruhat Bengaluru Mahanagara Palike (BBMP), Directorate of Municipal Administration, (DMA), Urban Development Department (UDD) and Forest, Ecology and Environment (FEE) to create awareness on Solid waste management rules





• **Handouts Published by EMPRI**

EMPRI has published different Hand- outs with logos on Water and these hand outs were sent to all Eco club schools to put on School Notice boards to create awareness on water preservation



## NGC Team's Visit to Schools

NGC team was supposed to visit Eco club schools as approved by the chairman of State Steering Committee. In order to disseminate information about NGC Programme and review the activities taken up by the Eco-clubs, NGC team of EMPRI visited 40 Eco club schools, target fixed in State Steering Committee. During the school visit, Eco club activities were reviewed and discussion held with the headmaster and eco club in charge teacher. The format of eco club report, utilization certificate and required information in detail was explained to the eco club in charge teachers. NGC team also addressed the eco club member students in each school visited and noted the problems faced by the teachers while conducting the eco club activities and suggested easy methodology to implement the same. The details of the school visits can be seen in Annexure



**Government High School Vadagavi  
Belagaum District**



**Government High School Deshahalli  
Maddur Mandya District**



**Government High School Uttarhalli,  
Bangalore South District**



**Government High School  
Arakeshwaranagara Mandya District**

## Satellite Communication (SATCOM) teleconference training

SATCOM teleconference training for Eco club in charge teachers was conducted on 16th March 2019 at Department of State Educational Research & Training (DSERT) in which 1828 Eco club school in charge teachers participated from 34 Educational districts. Mr. Mahesh B Shiroor, Director, EMPRI presented brief introduction about NGC. Detailed information on Eco club activities, programmes and tasks to be conducted by the Eco club schools were provided to the Eco club Teachers by Resource persons and NGC Programme Coordinators. Suggestions, guidance and instructions on different activities for eco clubs were discussed. Information about annual report format, Utilization Certificate format were provided to the teachers. Various



questions pertaining to eco club activities, Funds utilisation, and annual reports were answered during question and answer session. Feedback was collected from the participants as well.



### District-wise release of funds to the NGC schools

Sl. No	District	No. of Government Higher Primary schools & High Schools	No. of Government Aided Higher Primary schools & High Schools	Total No. of Schools	Amount released to NGC schools (Rs.)
1	Bagalkot	183	47	230	11,50,000/-
2	Bangalore North	129	46	175	8,75,000/-
3	Bangalore South	117	47	164	8,20,000/-
4	Bangalore Rural	213	36	249	12,45,000/-
5	Belgaum	127	48	175	8,75,000/-
6	Bellary	168	47	215	10,75,000/-
7	Bidar	160	47	207	10,35,000/-
8	Bijapur	132	41	173	8,65,000/-
9	Chamarajnar	199	48	247	12,35,000/-
10	Chikkaballapura	218	31	249	12,45,000/-
11	Chikmagalur	142	48	190	9,50,000/-
12	Chikkodi	159	48	207	10,35,000/-
13	Chitradurga	110	48	158	7,90,000/-
14	Dakshina Kannada	169	53	222	11,10,000/-
15	Davanagere	152	47	199	9,95,000/-
16	Dharwad	119	45	164	8,20,000/-
17	Gadag	162	48	210	10,50,000/-
18	Gulbarga	250	-	250	12,50,000/-
19	Hassan	240	10	250	12,50,000/-
20	Haveri	137	48	185	9,25,000/-
21	Kodagu	202	48	250	12,50,000/-
22	Kolar	211	39	250	12,50,000/-
23	Koppal	222	27	249	12,45,000/-
24	Madhugiri	152	47	199	9,95,000/-
25	Mandya	214	36	250	12,50,000/-
26	Mysore	216	32	248	12,40,000/-

27	Raichur	220	28	248	12,40,000/-
28	Ramanagara	193	46	239	11,95,000/-
29	Shimoga	164	47	211	10,55,000/-
30	Sirsi	196	48	244	12,20,000/-
31	Tumkur	133	50	183	9,15,000/-
32	Udupi	179	70	249	12,45,000/-
33	Uttar kannada	163	48	211	10,55,000/-
34	Yadagiri	243	5	248	12,40,000/-
<b>Total</b>		<b>5994</b>	<b>1404</b>	<b>7398</b>	<b>3,69,90,000/-</b>

### Details of Schools visited by NGC team during 2018-19

Sl no	Revenue Division	District	Block/ Taluk	Name of the School
1	Belgaum	Haveri	Haveri	Government High School Kallihal
2				Government High School Kabbur
3				Government High School Katenahalli
4		Belgaum	Savadatti	SNBK High School Devihosur
5				Government PU College, Yakkundi
6				Government High School Marakumbi
7				Government High School Mallur, Savadatti
8			Belgaum	Government High School Vadagavi
9				Government High School Ramathirthanagar
10				Government High School Vantamury
11	Kalburgi	Bellary	Kudlagi	Sri B.K.V.Government High School, Nimbalegere
12				Government Boys High School, Chikkajogihalli
13				Government High School, Gudikote
14		Hospet	Government High School(RMSA) Danapur	
15			Government Girls PUC, High School section, Hospet	
16			Government High School, Kaakubalu.	
17		Kalburgi	Jevargi	Government High School, Birala
18				Government High School, Kanadala
19			Kalburgi (South Zone)	Government High School, Nandoor
20				Adarsha Vidhyalaya(RMSA), Bhimalli
21	Mysore	Mandya	Maddur	Government High School, Koolgeregate



22				Government High School, Shivapura
23				Government High School, Deshahalli
24			Mandya	Government Girls High School, Arakeshwara
25				Government High School, Shankarapura
26				Government High School, Sathnoor
27	Mysore	Hassan	Channarayap tna	Government Junior College, Shra <span>vanabelagola</span>
28				Government girls High School, Shra <span>vanabelagola</span>
29				Government girls High School, Hirisave
30				Government Junior College, High School section, Hirisave
31	Bangalore	Bangalore Rural	Devanahalli	Government Junior College, High School section, Vishwanthapura
32				Government High School, Kundana
33			Doddaballap ura	Government High School, Melekote
34				Government High School, Bashettihalli
35	Bangalore	Bangalore Urban	Bangalore South	Government High School, Uttarahalli
36				Government High School, Kaggalipura
37				Government High School, Puttenahalli
38			Bangalore North	Government Model Primary School, Peenya
39				Government Higher Primary School, Chikkabidara Kallu
40				Government Model Primary School, Nagasandra