



भा.कृ.अनु.प.- केन्द्रीय खारा जलजीव पालन अनुसंधान संस्थान

भारतीय कृषि अनुसंधान परिषद, कृषि मंत्रालय, भारत सरकार

**ICAR-Central Institute of Brackishwater Aquaculture**

#75, संधोम हाई रोड राजा अण्णामलै पुरम चेन्नई – 600 028, तमिलनाडु, भारत

(ISO 9001:2008 certified)

Indian Council of Agricultural Research, Ministry of Agriculture, Govt. of India  
75, Santhome High Road, R A Puram, Chennai 600 028 Tamil Nadu, India



## **Consolidated report: Swachhata Hi Sewa 2023**

ICAR-CIBA has conducted Swachhata Hi Sewa 2023 programmes at headquarters, Chennai, Muttukadu Experimental station (MES) of CIBA, Muttukadu, Kovalam Experimental Station (KES) of CIBA, Kelambakkam, Kakdwip Research Centre (KRC) of CIBA, Kakdwip, West Bengal, and Navsari-Gujarat Research Centre (NGRC) of CIBA, Navsari, Gujarat. As part of the Swachhata Hi Sewa campaign, CIBA scientists has organized swachhata activities at Institute campus, villages, schools and coastal areas etc by conducting swachhata pledge, cleaning programmes, awareness programmes on reduce, reuse and recycle of waste materials including plastics during 15 September to 2<sup>nd</sup> October 2023. More than 640 participants, scientists, staff, and scholars participated in the various activities.

Swachhata Pledge was taken by the Scientists, Officers, Staff and Students at CIBA Headquarters, MES of CIBA, Muttukadu, KES of CIBA, Kelambakkam, NGRC of CIBA, Navsari, Gujarat and KRC of CIBA, Kakdwip. More than 130 participants attended the Pledge. During swachhata pledge and awareness programme at CIBA Campus, Dr.Kuldeep Kumar Lal, Director, CIBA, Chennai, sensitizes the participants about reduce, reuse and recycle of waste materials, to shun the usage of single use plastics in their working place, residential places and also the nearby water bodies and its maintenance. CIBA scientist highlighted the scholars for reduction in use of plastic materials, awareness creation, promoting individuals responsibility and monitoring and implementation of the programmes like “Clean India” are the measures for beating the plastic pollution. In addition, cleaning of office premises were undertaken and unserviceable equipment and unrepairable furniture were identified and taken necessary action for disposing of the same.



**Swachhata Pledge at ICAR headquarters, Chennai, Tamil Nadu**



**Swachhata Pledge at KRC of CIBA, Kakdwip, West Bengal**



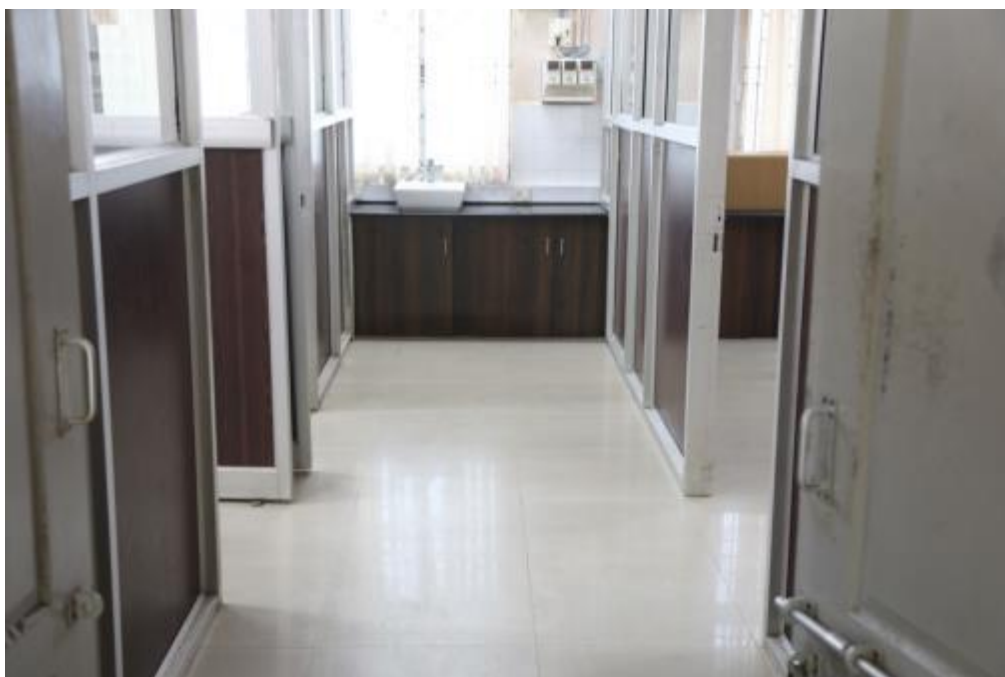
**Before cleaning of Laboratory building, ICAR-CIBA, Chennai, Tamil Nadu**



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ICAR-CIBA has conducted an awareness program on “Waste to Wealth” by recycling of fish waste to value added products such as CIBA-Plankton<sup>Plus</sup> and CIBA-Horti<sup>plus</sup> and its application in aquaculture and agriculture especially in paddy cultivation at Kilakondaiyur village, Thiruvallur district, Tamil Nadu. Around 20 farmers participated in the programme.



ICAR-CIBA trained Self Help Group members have demonstrated the protocol for recycling of fish waste to value added products to participants. CIBA Scientist highlighted the importance of cleanliness in the villages and recycling of fish waste to avoid infections and diseases. Recycling will not only help in cleaning and hygienic disposal of fish market waste which is abundantly available in the village cluster but will also help to produce wealth from waste.



**Awareness program on “Waste to Wealth” at Kilakondaiyur village, Thiruvallur district, Tamil Nadu-  
ICAR-CIBA, Chennai**

ICAR-CIBA organized awareness cum cleaning program to coastal communities at Kottaiyadu village, Kancheepuram district, Tamil Nadu to create awareness on cleanliness, hygiene and sanitation among the Women Self Help group members and villagers. Around 40 coastal communities were attended the programme. CIBA staff explained about Swachh Bharat Mission aim and objectives; importance of self-help principles; safe disposal of wastages from village premises including domestic wastages; and hygiene and sanitation. They also highlighted the importance of kitchen garden and organic farming related with their health aspects. CIBA scientists explained various means to avoid plastic waste and a pledge in this regard was administered to the participants. Various Placards explaining about different means to avoid plastic waste and a pledge in this regard was administered to the participants. They distributed cleaning materials, mask, gloves and shocks which will be useful for their daily activities to the SHG members for cleaning and kitchen gardening

respectively. Followed by their village coastal/backwater areas were cleaned by removing of plastics, weeds etc



**ICAR-CIBA organized awareness cum cleaning program at Kottaikadu village, Kancheepuram district, Tamil Nadu**



**ICAR-CIBA organized awareness cum cleaning program at Kottaikadu village, Kancheepuram district, Tamil Nadu**



ICAR-CIBA, Chennai conducted an awareness on cleanliness and waste management among coastal communities at Kattur village, Pulicat, Tamil Nadu to sensitize the coastal women, men, youth and children on impact of minimizing the use of single usage plastics in the coastal/tourism places to make our country greener and plastic free. Around 30 villagers attended the programme. The program was intended to create awareness among the coastal communities on the side effects of single use plastics and introduce them to the national mission on cleanliness, sanitation and hygiene. Awareness sessions on importance of village based swachhata campaigns, effects of plastic on marine life and oceans, importance on minimising plastic usage, recycling of fish waste to value added products etc were given to the coastal communities by CIBA Scientists and staff.



**ICAR-CIBA, Chennai conducted awareness on cleanliness and waste management among coastal communities at Kattur village, Pulicat, Tamil Nadu**

ICAR-CIBA, Chennai, conducted Swachhata Hi Sewa 2023 in one of the aspirational district in Tamil Nadu, Ramanathapuram. An awareness programme of cleanliness and importance of shun single use plastics among school students of Govt. Higher Secondary school, Regunathapuram village, Tamil Nadu, was conducted. Around 60 students attended the programme. At the beginning of the programme, staff and village leaders addressed the gathering and highlighted the Swachh Bharat Mission aim and objectives; importance of cleanliness, hygiene and sanitation; and health issues due to usage of single use plastics. Including plastic waste management education in school curricula, such as teaching children about the causes and impacts of plastic waste disposal and emphasising the importance of health issues due to usage of single use plastics. Cleaning materials and cloth bags were distributed to the students and teaching and non-teaching staff for promoting the single use

plastic ban. Followed by tree planation and also cleaning of school campus and road side areas were done by the participants.



**ICAR-CIBA, Chennai conducted cleaning program at Govt. Higher Secondary school, Regunathapuram village, Ramanathapuram district, Tamil Nadu**



**ICAR-CIBA, Chennai conducted cleaning program at road side, Regunathapuram village, Ramanathapuram district, Tamil Nadu**





**ICAR-CIBA, Chennai distributed cloth bags to school students at Regunathapuram village, Ramanathapuram district, Tamil Nadu**



**ICAR-CIBA, Chennai conducted tree plantation program at Govt Higher Secondary school, Regunathapuram village, Ramanathapuram district, Tamil Nadu**

Muttukadu beach areas nearby MES of CIBA, Muttukadu, Tamil Nadu were cleaned with active participation of CIBA staff and Tamil Nadu Dr. J. Jayalalithaa Fisheries University college students as part of Swachhata Hi Sewa. More than 40 participants including students and staff attended the programme. Various Placards explaining about different means to avoid plastic waste and a pledge in this regard was administered to the participants. The participants understood the importance on the call on shun Single Use

Plastics and affirmed solemnly on avoidance of Single Use Plastics to make our country greener and plastic free.



**ICAR-CIBA organised Cleaning of Muttukadu beach areas nearby Muttukadu Experimental Station of CIBA, Tamil Nadu**



**ICAR-CIBA organised Cleaning of Muttukadu beach areas nearby MES of CIBA, Tamil Nadu**

Massive mobilization for plastic waste shramdaan among school students was conducted at MES of ICAR- CIBA, Muttukadu, Tamil Nadu to create awareness on waste management, cleanliness, hygiene, sanitation and taken pledge for single use plastic ban and discharge the use of plastics in the programme. CIBA Scientist explained about Swachh Bharat Mission aim and objectives; and importance of self-help principles, hygiene, sanitation and health issues due to usage of single use plastics. Single use plastics related videos were showed to students for creating awareness. Followed by students were planted trees inside experimental station as a simple of go green campus. More than 120 students from Sri Sankara Global Academy, Kilattalai, Chennai, were participated in the programme.



**ICAR-CIBA, Chennai, has organized the Swachhata Hi Sewa 2023 programme for school students**





**ICAR- CIBA, Chennai, has organized the Swachhata Hi Sewa 2023 programme for school students**



**Tree planation by school students of Sri Sankara Global Academy, Kilattalai, Chennai at MES of CIBA, Muttukadu, Tamil Nadu**



**Tree planation by school students of Sri Sankara Global Academy, Kilattalai, Chennai at MES of CIBA, Muttukadu, Tamil Nadu**

Navsari Gujarat Research Centre (NGRC) of ICAR- CIBA, Navsari, Gujarat, has organized the Swachhata Hi Sewa 2023 programme at Primary school and village premises of Singod village, Navsari, Gujarat, to create awareness on cleanliness, hygiene, sanitation and shun the single use plastic among the students and villagers, door to door meeting and removal of waste from the village premises. Followed by the awareness meeting, staff, villagers and Panchyat leader cleaned the temple areas and roadside surrounding areas. NGRC-CIBA Scientists interacted with village people and collected the waste from Village Street and explained about the health issues due to usage of single use plastics. Villagers also took Swachhta Pledge for maintaining hygiene and cleaning of village and surrounding areas. Around 30 participants including SHG members and CIBA staff attended the programme.





**Cleaning of roadside surrounding areas at Singod, Navsari district, Gujarat - NGRC of CIBA, Gujarat**



**Cleaning of the temple areas and roadside surrounding areas at Singod, Navsari district, Gujarat - NGRC of CIBA, Gujarat**





**Swachhta Pledge for maintaining hygiene and cleaning of public places at Singod, Navsari district, Gujarat - NGRC of CIBA, Gujarat**

Kakdwip Research Centre of ICAR-CIBA, Kakdwip West Bengal, conducted awareness cum quiz programme of cleanliness and importance of food waste management among school students at Sundarban Adarsha Vidyamandir, Kakdwip as a part of Swachhata Hi Sewa (SHS) campaign of Govt of India. Around 140 participants including staffs of KRC, students of Class V, VI, XI and XII and teaching & non-teaching staffs of Sundarban Adarsha Vidyamandir attended the programme. At the beginning of the programme, CIBA scientists addressed the gathering and highlighted the Swachh Bharat Mission aim and objectives; importance of cleanliness, hygiene and sanitation; and health issues due to usage of single use plastics. They expressed that the greatest way to prevent food waste is to have a system in place for creating nutritious, healthy, and long-lasting food. They also emphasised that the school can set up a composting area because food scraps can enhance the soil with nutrients while also lowering your carbon footprint.

As a part of programme, quiz competition was organized on the theme of protection of environment and avoiding of food waste. The quiz programme was conducted in two groups' viz. Class V & VI (Junior group) and Class XI and XII (Senior group). The prizes were distributed to first, second and 3<sup>rd</sup> position holders of each group. Integrating waste management education into school curricula, including teaching children about the causes and effects of waste disposal and emphasising the need of waste prevention, reuse, and recycling, is an effective strategy to enhance attitudes towards garbage reuse and recycling.



**Awareness cum quiz programme at Sundarban Adarsha Vidyamandir, Kakdwip, West Bengal**



**Prize and certificate distribution - Awareness cum quiz programme at Sundarban Adarsha Vidyamandir, Kakdwip, West Bengal**





**Prize and certificate distribution - Awareness cum quiz programme at Sundarban Adarsha Vidyamandir, Kakdwip, West Bengal**

Kakdwip Research Centre (KRC) of ICAR-CIBA organized an interaction meet cum Swachhata Hi Sewa programme for scheduled caste and scheduled tribe farmers of South 24 Parganas district, West Bengal on 2<sup>nd</sup> October, 2023 to commemorate the Gandhi jayanthi diwas. Dr. Kuldeep K. Lal, Director, ICAR-CIBA addressed the gathering and put forth the importance of restricting the use of single use plastics. On this occasion a keynote address and presentation on the topic “Shun Single use Plastics” was also delivered by Dr. Sankar Prasad Paik, Associate Professor, Sundarban Mahavidyalay, University of Calcutta, Kakdwip, South 24 Parganas. In his speech, he stressed upon the importance of recycling of the plastic materials and citizen movement for restricting the use of disposable plastic products. It was followed by an interaction with the SC and ST farmers on use of Single use Plastics. Stainless steel water bottles were distributed to the participant farmers for making awareness on reducing the use of plastic bottles. Further a special cleaning drive involving



the staff of KRC and invited farmers were organized inside the campus. More than 60 participants including farmers, scholars, and staff of KRC attended the programme.



**Awareness program on swachhata hi sewa and shun single use plastics for scheduled caste and scheduled tribe farmers at KRC of CIBA, Kakdwip, West Bengal**



**Awareness program on swachhata hi sewa and shun single use plastics for scheduled caste and scheduled tribe farmers at KRC of CIBA, Kakdwip, West Bengal**



**Awareness program on swahhata hi sewa and shun single use plastics for scheduled caste and scheduled tribe farmers at KRC of CIBA, Kakdwip, West Bengal**