



Consolidated Report on Swachhata Pakhwada



16-31 December 2021

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, संथोम हाई रोड राजा अण्णामलै पुरम चेन्नई - 600 028, तमिलनाडु, भारत

(ISO 9001:2015 certified)

Indian Council of Agricultural Research, Ministry of Agriculture, Govt. of India

75, Santhome High Road, M.R.C. Nagar, Chennai 600 028 Tamil Nadu, India

Detailed Report for “Swachhta Pakhwada” pertaining to **ICAR-Central Institute of Brackishwater Aquaculture**

The Swachh Bharat or Clean India Mission was conceived by the Hon'ble Prime Minister, Sri. Narendra Modi to motivate and galvanise Indian citizens from all walks of life to achieve by 2019 Mahatma Gandhi's dream of a clean India. In response to the noble call, Swachh Bharat Mission, the following Swachhata Pakhwada programmes were conducted at ICAR-CIBA headquarters, at Chennai, and its two experimental stations located at Muttukadu and Kovalam near Chennai besides two regional centres viz., Kakdwip Research Centre (KRC), Kakdwip, West Bengal, and Navsari-Gujarat Research Centre (NGRC), Navsari, Gujarat with due gravity and purposefulness during 16-31 December 2021.

As a part of the Swachhata Pakhwada, CIBA scientists, staff and students have organized various activities at Institute campuses and adopted villages. Weeding of files, disposal of office scrap materials, and outdoor special swachhata programmes in the adopted villages on 'waste to wealth', cleanliness drives, rallies, tree plantation etc. were organised during 16-31 December 2021. Around 830 participants, scientists, staff, farmers and students participated in the various activities.

SWACHHATA PLEDGE

Swachhata Pledge was taken by the Scientists, Officers, Staff and Students at CIBA Headquarters, Experimental Station at Muttukadu and Kovalam and its Research Centres at Kakdwip, West Bengal and Navsari, Gujarat on 16th December 2021. Around 137 participants attended the Swachhata Pledge. After the pledge, awareness drive about cleanliness of campus and work place, importance of weeding out of files, ensuring COVID-19 protocols were emphasized to the participants.



Swachhata Pledge at Headquarters of ICAR-CIBA, Chennai



Swachhata Pledge at KRC of CIBA, Kakdwip, West Bengal

CLEANING OF OFFICE PREMISES AND WEEDING OUT OF THE FILES AND RECORDS

The weeding out of the files and records from Stores, Administration, Audit and Accounts Section and Library and cleanliness drive in various laboratories and common places in the Institute premises including research centres at Gujarat and Kakdwip were undertaken on 17th and 19th December 2021. Out of 475 files/records 215 files were weeded out from various divisions, and administration, stores and audit sections. Unserviceable/scrap items to be condemned were identified and collected to a common place and going to be disposed as per the procedure. Around 70 CIBA staff and students were participant in these cleaning activities. Due to disposal of materials, nearly 1,800 sq ft space was freed and utilised as a storage facilities. The processing of files by the Administration, Audit & Accounts and Stores sections were carried out through e-office, being 100% implementation of e-office, thus enabling paperless office.



Weeding out of files at the Institute campus, ICAR-CIBA, Chennai on 17th December 2021



Weeding out of files at KRC of CIBA, Kakdwip on 17th December 2021



Cleaning of office premises near stores at headquarters of CIBA, Chennai on 19th December 2021



Cleaning of unserviceable items from office premises at Headquarters of CIBA, Chennai on 19th December 2021

AWARENESS PROGRAMME WITH MGMG VILLAGE FARMERS

ICAR-CIBA organized the Swachhta Pakhwada at Muttukadu Experimental Station, Kancheepuram district, Tamil Nadu on 18th and 29th December 2021 to create awareness on cleanliness, hygiene and sanitation among the Women Self Help Group (SHG) members and villagers, Kottaikadu village, Kancheepuram district, Tamil Nadu. CIBA staff explained about Swachh Bharat Mission aim and objectives; importance of self-help principles; safe disposal of wastes from village premises including domestic wastes; and the necessity to keep hygiene & sanitation. They also highlighted the importance of kitchen garden and organic farming related with their health aspects. Around 60 participants including SHG members, Scientists and staff of CIBA attended the programme. The cleaning materials and vegetable seeds were distributed to the SHG members for keeping them in the village custody and use them for cleaning and kitchen gardening respectively.



Awareness meeting with Women Self Help Group from Kottaikadu village, Kancheepuram district, Tamil Nadu on 18th December 2021 - ICAR-CIBA, Chennai



Distribution of cleaning materials and vegetable seeds to Women Self Help Group members from Kottaiyadu village, Kancheepuram district, Tamil Nadu on 29th December 2021 - ICAR-CIBA, Chennai

WASTE TO WEALTH PROGRAMME

ICAR-CIBA has conducted demonstration on “Waste to Wealth” programme by recycling of fish waste to value added products under Swachhata Pakhwada on 20th December, 2021 at ICAR-CIBA, Chennai. A Self Help Group members trained earlier by the institute demonstrated the protocol for recycling of fish waste to value added products. CIBA Scientists involved in this activity 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. Around 20 participants including fishermen, women, and officials from ICAR-CIBA, Chennai, were actively participated in the programme.



Demonstration of recycling of fish waste to value added products on 20th December, 2021 at CIBA headquarters, Chennai

AWARENESS CUM TREE PLANATION PROGRAMMES

ICAR-CIBA has organised an awareness program on ‘*shun single use plastics*’, and importance of cleanliness, sanitation and hygiene practices related to health aspects among farmers, students and scientist and staff of CIBA at Muttukadu, Kancheepuram, Tamil Nadu on 24th and 28th December 2021. Subsequently, tree planation and a rally was conducted. Around 100 participants were attended in both the programmes. CIBA scientists narrated about the reason behind conducting this programme and also explained various 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.



Awareness on swachhata pakhwada programmes, Muttukadu, Tamil Nadu on 24th December 2021- CIBA, Chennai



Tree plantation during swachhata pakhwada programmes, Muttukadu, Tamil Nadu on 24th December 2021- CIBA, Chennai



Fruit bearing tree plantation at MES of CIBA, Muttukadu, Tamil Nadu on 28th December 2021- CIBA, Chennai

AWARENESS CUM RALLIES PROGRAMMES

ICAR-CIBA has organised the following two awareness-cum rallies under this programme:

- More than 50 scientists and staff of ICAR-CIBA and students from Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Tamil Nadu took part in a rally on the Highway Road followed by an awareness programme at Muttukadu, Kancheepuram, Tamil Nadu on 22nd December 2021. CIBA staff 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. 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.



Awareness programme on shun single use plastics at MES of CIBA, Muttukadu, Tamil Nadu on 22nd December 2021



Rallies on shun single use plastics at MES of CIBA, Muttukadu, Tamil Nadu on 22nd December 2021

- Awareness cum rallies on shun single use plastics, and importance of cleanliness, sanitation and hygiene practices related with health aspects among students, farmers and scientist and staff of CIBA at Muttukadu, Kancheepuram, Tamil Nadu on 27th December 2021 were conducted. Around 100 participants were attended in the programme. Director, CIBA, highlighted

the importance of cleanliness, sanitation and hygiene among students. Nodal Officer of CIBA-Swachh Bharat Mission narrated about the reason behind conducting this programme and briefed about Swachhata Pakhwada theme and explained various means to avoid plastic waste and a pledge in this regard was administered to the participants.



Awareness cum rallies on shun single use plastics among students, farmers and scientists and staff of CIBA at Muttukadu, Kancheepuram, Tamil Nadu on 27th December 2021



Awareness cum Rallies on shun single use plastics at MES of CIBA hatchery road, Muttukadu, Kancheepuram, Tamil Nadu on 27th December 2021

WATER HARVESTING FOR AGRICULTURE / HORTICULTURE

The following programmes were conducted by research centre of CIBA:

- Navsari Gujarat Research Centre (NGRC) of CIBA organized Swachhata Pakhwada at its adopted tribal villages Signod, Navsari, Gujarat on 21st December 2021. Around 25 farmers including scientists were participated in the programme. Scientists and students of the centre demonstrated water harvesting through excavation of pond and utilization of the harvested rain water for round the year horticultural crop and fish cultivation. Scientists explained importance of recycling of waste water and water harvesting for horticulture applications in their village. As a part of the Swachhata Pakhwada programme, villagers participated in the horticulture activity and cultivation of crops on the pond dykes and with irrigation from harvested pond water.



Handing over of horticulture plants and vegetable seeds to tribal villagers at Signod, Navsari, Gujarat on 21st December 2021- NGRC of CIBA, Chennai



Cultivation of crops on the pond dykes by tribal villagers at Signod, Navsari, Gujarat on 21st December 2021- NGRC of CIBA, Chennai

- Kakdwip Research Centre of CIBA, organized Swachhata Pakhwada at its adopted tribal village Mundapara- Manmathapur, South 24 Parganas, West Bengal on 28th December 2021. Scientists and staff of the centre demonstrated water harvesting through excavation of pond and utilization of the harvested rain water for round the year horticultural crop and fish cultivation. CIBA staff addressed the farmers about the importance of rain water harvesting in Sundarban area by digging ponds as irrigation with underground water is not recommended due to salinity build up and there is a severe water scarcity during rabi and summer season which limits crop and fish cultivation. But Sundarbans receive high precipitation (1,700-1,800 mm) during 3-4 months of monsoon period which is of no use due to run-offs to nearby coastal rivers and sea, and on the contrary, it aggravates the situation due to water logging of low lying areas. Therefore, cultivation of horticultural crops and less water requiring crops like sunflower, mustard, moong during rabi season is the best farming option for the farmers of Sundarban with cultivation of fish in the pond. As a part of the Swachhta Pakhwada programme, villagers participated in the horticulture activity and cultivation of rabi crops on the pond dykes and adjoining homestead area with irrigation from harvested pond water. Around 40 people participated in this programme.



Demonstration of water harvesting through excavation of pond, South 24 Parganas, West Bengal, 28th December 2021- KRC of CIBA, Kakdwip

CLEANING OF DISPOSABLE AND NON-DEGRADABLE ITEMS

Kakdwip Research Centre of ICAR-CIBA organized an awareness programme on cleanliness, hygiene and sanitation under Swachhata Pakhwada on 30th December, 2021 at Buddhapur village, Kakdwip, South 24 Parganas, West Bengal. About 100 villagers including farmers, scientists, students and staff were participated in the programme. CIBA scientist sensitized the villagers about climate change and importance of cleanliness. They were also apprised about the deleterious effect of various harmful anthropogenic activities like dumping of single use plastic in natural ecosystem, deforestation of mangroves, illegal fishing etc. On this occasion, mask and sanitizers were distributed to the villagers present in the programme. Later, cleaning of disposable and non-degradable items was carried out at one part of the village by KRC scientists and staffs with the assistance of the villagers. Villagers were also briefed about judicious use and safe disposal of single use plastic.



Distribution of sanitation and hygiene materials to villagers from Buddhapur village, Kakdwip, South 24 Parganas, West Bengal - KRC of CIBA, Chennai



Cleaning of disposable and non-degradable items from Buddhapur village, Kakdwip, South 24 Parganas, West Bengal - KRC of CIBA, Chennai

SPECIAL KISAN DIWAS PROGRAMME

ICAR-CIBA celebrated the National Farmers Day with the fishers, tribal farmers and fisheries students at Muttukadu Experimental Station, Muttukadu, Chengalpattu district, Tamil Nadu. National Farmers Day (Rastriya Kisan Diwas) is celebrated on 23rd December every year in the honour of Chaudhary Charan Singh who was a popular kisan leader and former Prime Minister of India. About 120 farmers, students, scientists and staff of CIBA participated in the programme. In his presidential address Dr. K.P. Jithendran, Director, CIBA, sensitized the participants about the employment opportunities in fisheries and aquaculture especially for youth and students by utilizing the efficient brackishwater aquaculture technologies using the vast stretches of brackishwater resources. He also highlighted the importance of cleanliness, sanitation and hygiene among students and farmers.

Nodal Officer of Swachh Bharat Mission ICAR-CIBA highlighted the importance of National Farmers Day. She briefed about the Swachh Bharat Mission and highlighted the importance of recycling of fish and domestic waste to avoid infections and diseases. She also narrated the demonstration and extension activities

conducted in various coastal states by ICAR-CIBA for tribal and coastal communities towards enhancing their livelihood and socio-economic status.

Shri. T. Kennit Raj, fish entrepreneur and proprietor of M/s. V.S. Fish Waste Hydrolysate, Kasimedu and Nammbikkai Fishers Group, Pattinapakkam, Chennai Tamil Nadu, shared his experience about the establishment of fish waste processing unit under the technical guidance and support of CIBA for the production of CIBA-Plankton^{plus} and CIBA Horti^{plus}, value added products by recycling of fish waste. He also cherished the efforts of CIBA in promoting of waste to wealth as an alternative livelihood activity for the fishers in their village. He expressed that their group received “Best Fisheries Self Help Group-2020” award from the National Fisheries Development Board (NFDB), Ministry of Fisheries, Animal Husbandry and Dairying, Government of India because of CIBA-Plankton^{plus} and CIBA Horti^{plus} technologies. At the end of the meeting, CIBA staff distributed the housework and swachh related materials to tribal families for cleaning their premises.



Interaction meeting with fishers, tribal farmers and students on the occasion of Special Kisan Diwas on 23rd December 2021 at MES of CIBA, Muttukadu, Tamil Nadu



Distribution of swachh materials to tribal farmers on the occasion of Special Kisan Diwas on 23rd December 2021 at MES of CIBA, Muttukadu, Tamil Nadu



Participants on the occasion of Special Kisan Diwas on 23rd December 2021 at MES of CIBA, Muttukadu, Tamil Nadu

DIGITAL AND MEDIA DISPLAY

All the Swachh Bharat activities conducted at Headquarters of CIBA, KRC of CIBA, NGRC of CIBA are displayed in the digital display system in the institute for creating awareness about cleanliness among the visitors. Regularly we are sending daily report to reporting system in the council and some of the swachhata pakhwada programmes like Kisan diwas was highlighted in the ICAR web site.



Digital display system in the institute premises – CIBA, Chennai

After Swachhata Pakhwada 16-31 2018, ICAR-CIBA, Chennai, till date the institute is maintaining as **“PLASTIC FREE ZONE”**.

