



MES ASMABI COLLEGE, P. VEMBALLUR

CRITERION VII

INSTITUTIONAL VALUES AND BEST PRACTICES

7.2 – Best Practices

7.2.1 – Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 2: SUPPORTING DOCUMENTS

1. MoU with SN Puram Grama Panchayath

MoU Signing ceremony with Sree Narayana Puram Grama Panchayath: 19th December 2022

Two new MoUs were signed between Sree Narayana Puram Grama Panchayath, CEtC centre of Western Ghats Hornbill Foundation at Research Department of Botany MES Asmabi as part for the updation of People's Biodiversity Register and Eco restoration projects supported by Kerala State Biodiversity Board. Dr. Girija T.P., HoD of the Research Department of Botany handed over the MoUs to Mr. M.S. Mohanan, the Panchayath President in the auspicious prescence of Dr. Reena Mohamed Vice Principal, Dr. K.H. Amitha Bachan, Director of the Centre, Mr. Ayoob, Standing Committee Chairman, Mrs. Syamily, AE, MGNREGA, Panchayath member, office superintend and Ms. Devika M. Anikumar, Eco restoration program coordinator.



2. Mangrove restoration at two LSGs

Community Based Eco restoration of Degraded Mangrove Ecosystems at Eriyad Grama Panchayath: 9th March 2023

The community based restoration of degraded mangrove ecosystems in the three wards (1, 22, 23) of Eriyad Grama Panchayath has been carried through MGNREGA scheme by the technical support of CEtC of Hornbill Foundation. The program was inaugurated by planting

mangrove sapling by the chief guest Shri. K.P. Rajan, President Eriyad Grama Panchayath and Mr. Febin Francis, Thrissur District Coordinator Kerala State Biodiversity Board. Dr. K.H. Amitha Bachan then gave his speech and encouraged the volunteers from the Bhoomithrasea club of MES Asmabi College with his motivating words emphasising the requisite of niche specific ecological restoration of degraded ecosystems by the involvement of local community. A total of 32 students were volunteered in the mangrove planting in the 1, 22, 23 wards of Eriyad Grama Panchayath.

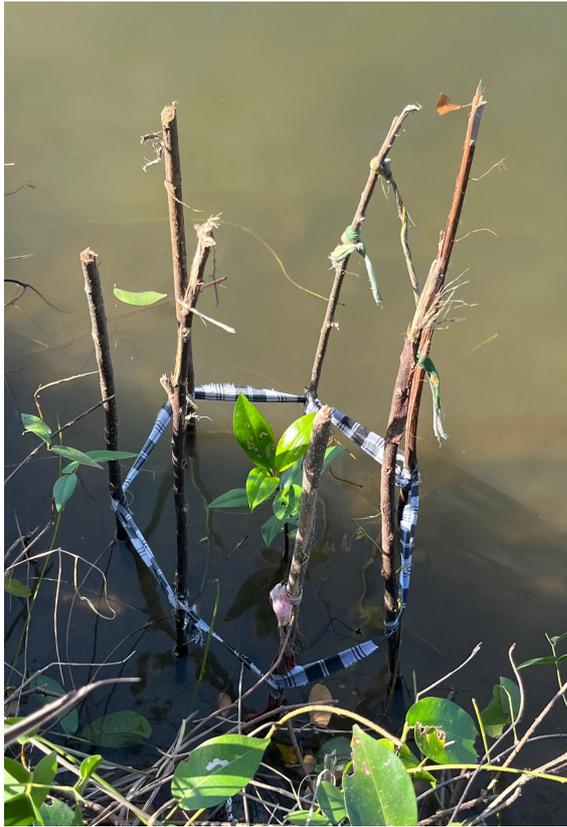




Mangrove Restoration at Gothuruth, SN Puram Grama Panchayath: 5th August 2023

CEtC Centre WGHF at MES Asmabi College is providing technical support for the restoration programme of SN Puram Grama Panchayath funded by Kerala State Biodiversity Board. As part of this programme Mangrove restoration was started to conserve and protect the Canoli canal by involving the women in MGNREGA. The programme was inaugurated by Sri. Usha M.A where Shri. M.S. Mohanan, President SN Puram Grama Panchayath presided the ceremony. The Panchayat members and the women were participated in the programme. The programme was started at 11.00 am, where together we planted the mangrove saplings in the banks of the Canoli canal, Gothuruth region to promote niche specific restoration practices in this climate change scenario.





3. Training for tribal grama sabhas

Releasing new edition of Forest Rights Act 2006 book: 8th October 2022

We have published a modified third edition of our book on Forest Right Act 2006, which entitled “Forest Resource Right and Tribal Development – One and half decade of Forest

Rights Act 2006 in Kerala”. The book was released through an online event. The book deals with a critical review of the FRA implementation in Kerala and scope in preservation and non-alienation of forest and tribal land in Kerala. The book was coauthored three board members of the Hornbill Foundation, Dr. K.H. Amitha Bachan, who is a member of FRA 200g committee on PVTG rights, Ministry of Tribal Affairs (MoTA), Govt. of India, Dr. Maya Mohan, Sociologist and faculty of Christ University Bangalore, Dr. Divya Kalathingal, FRA expert completed PhD from Tata Institute of Social Science (TISS), Mumbai, working as faculty in the Sankrit University, Tirur Campus, Malappuram, Kerala.

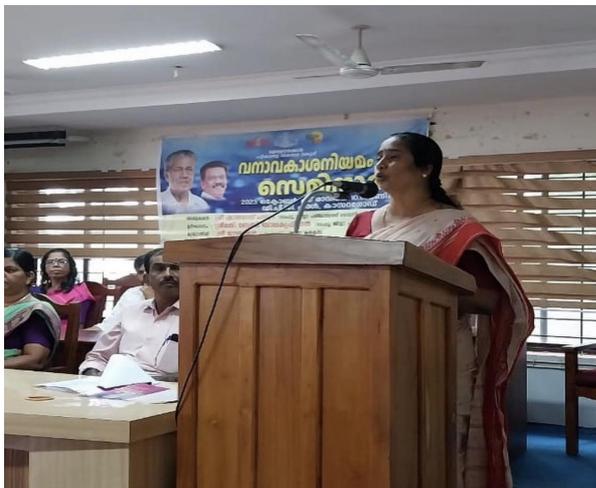


Forest Rights Act 2006 at Nilambur 21st March 2023



A training has been given for tribal GS members and promoters of Nilambur area this year as continuation of the training and empowerment provided to the Tribal Grama Sabha members across the state since 2011.

Forest Rights Act 2006 Seminar at Kasargod



4. Global Green Grant – Indigenous community learning centre program

The project envisage to support tribal learning centres at five villages in the tribal areas of Wayanad. As part of this, the college students from various institutions conducted a data collection based on their rural camp at these established local level learning centres. They volunteered to Construct of a shed in the learning centre also conducted a programme for



Thonicadavu village level learning centre interaction



Construction of a shed for the learning centre at Thiruvannur and Mammathan pali villages

6. One-week ecorestoration awareness events June -5 2022

Event: Make a Difference Week: 7th – 10th June 2022

“Local Genepool in Local Nurseries for Ecosystem Restoration and Climate Resilience”

MAD Week 2022 with Society for Ecological Restoration (SER)

The Western Ghats Hornbill Foundation celebrated World Environment Day by launching Make a Difference Week (MAD week) event with local and global partners announcing a yearlong campaigns, actions and workshops on ecorestoration. Ecological Restoration could be a key for Living Sustainably in Harmony with Nature in the only one earth. We collaborate with local bodies, institutions, CBOs and individuals to spread the messages of ecorestoration this year. Our flagship program is to promote the message of ecorestoration through spreading the necessity of “Local Genepool in Local Nurseries for Ecosystem Restoration and Climate Resilience” which was launched on 7th June 2022.





The programme was launched by Mrs. R. Lakshmi Divisional Forest Officer, Vazhachal Forest Division, Kerala Forest Department in a function at the Centre for Ecology, Taxonomy, Conservation and Climate change (CEtC) of Western Ghats Hornbill Foundation (WGHF) at Research Department of Botany, MES Asmabi College Campus, Kodungallur Kerala. She briefed about the uniqueness of evergreen forest in the Western Ghats and the role of forest in contributing to the sustenance of living organisms across the world. She also conveyed the need to restore and conserve our wilderness citing technical and research support provided by Hornbill Foundation in planning and implementation of niche specific ecorestoration in the Vazhachal Forest region especially for restoring degraded riparian forest, threatened tree species habitat and hornbill habitat.

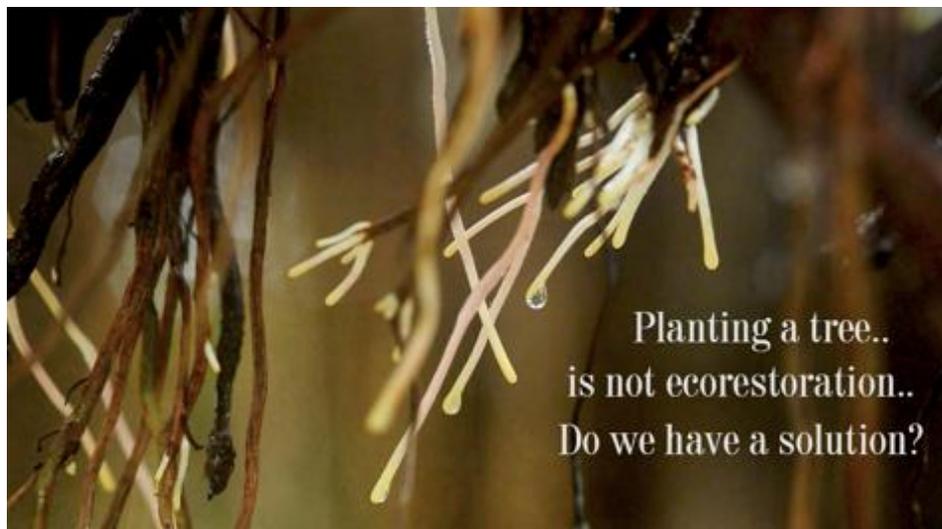


The event was officially launched with a video message from Mr. John Salisbury, the programme associate of SER revealing the MAD week event across the globe and the importance of this event organized from India. Mr. Rajesh K.R., member representative of SN Puram Grama Panchayath shared his experience regarding the ongoing coastal restoration actions in the SN Puram Grama Panchayath in collaboration with Hornbill Foundation and the role of MNREGA rural employment guarantee scheme of the government.

Dr. A Biju, Principal of MES Asmabi College addressed the importance of World Environment Day and the various ongoing activities of the college in collaboration with Hornbill Foundation in eco-restoration programmes. The occasion was felicitated by Mr. Salim Arakkal, Secretary and Correspondent of MES Asmabi College followed by Dr. Reena Mohammed (Vice Principal), Dr. K.P Sumedhan (Director of Self-financing Department) and Dr. Girija T.P. HoD Research Department of Botany. They encouraged the students to participate in such conservation programs.



Ms. Ekaterina, SER Asia Network Core Team Member shared the importance of MAD Week event 2022 and mentioned the importance of different stakeholder engagement in restoration in the various events and the ongoing restoration activities.



<https://youtu.be/qtzEDZSeviw>

Next to that, we launched a recorded video of WGHF to promote the message of ecorestoration through spreading the necessity of “Local Gene pool in Local Nurseries for Ecosystem Restoration and Climate Resilience”. A different week different thought for a different year of ecorestoration. The message for local gene pools and nurseries ensure diversity up to the genetic level, involvement of local community and a sustainable livelihood in all ecorestoration programs.

Coastal ecosystem Restoration: 5th June 2022

The Centre for Ecology, Taxonomy, Conservation and Climate change (CEtC) of Western Ghats Hornbill Foundation (WGHF) at Research Department of Botany, MES Asmabi

College Campus is hosting one of our program on coastal eco restoration. It is a Model Project for Kerala Coast in partnership with Sree Narayana Puram Grama Panchayath.



School children participating in coastal restoration and MAD week event: 6th June 2023

The children from Veycode Government L.P. school were joined the eco restoration site along with the women groups for planting seedlings in the coastal region of Kodungallur. The programme was inaugurated by E T. Tyson Master, MLA, Kaipamangalam.





Coastal Restoration Seed bed & Threatened species nursery: 8th June 2022

In connection with MAD week event, Bhoomithrasena Club of MES Asmabi College have gathered to develop seed bed for coastal restoration on 8th June 2022. The seeds collected from the local area especially the *Calophyllum inophyllum* were sowed in the seed bed for its germination with proper spacing and nutrient support.





Coastal Vegetation belt Nursery: 9th June 2022

The Western Ghats Hornbill Foundation and SN puram grama panchayath engaged the women especially in the MNREGA scheme for the ecorestoration processes of disaster hit coastal zones. In this MAD week, to promote the message of local gene pool they developed a nursery by collecting the seeds and seedlings from their local area and that were kept for restoration sites this year.





Nursery for threatened rain forest tree species restoration: 10th June 2022

The Western Ghats Hornbill Foundation and Research Department of Botany at MES Asmabi College officially inaugurated the seed germination centre for threatened tree species. Seedlings of nine threatened (IUCN) tree species were successfully germinated this year to use in the identified restoration sites based on niche profiling and niche modelling. In collaboration with forest department and local community the restoration processes will be taken place. The rain forest tree species such as *Diospyros crumenata*, *Prioria pinnata*, *Hopea ponga*, *Hopea parviflora*, *Baccaurea courtallensis*, *Humboldtia vahliana*, *Aporosa bourdillonii*, *Syzygium occidentale* were produced more in number.



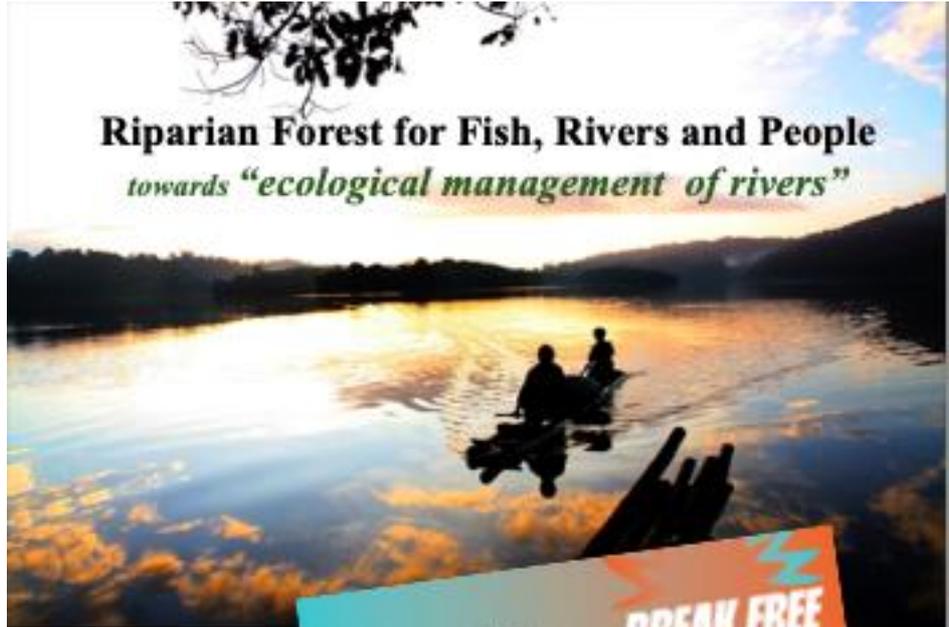
7. International conference: Riparian forest for fish, rivers and people – May 21, 2022

As part of the Celebration of "The world fish migration day" an International Conference on "The Riparian Forest for Fish, Rivers and People" was organized. The programme envisages

to bring out a status document on riparian zones of various rivers of Kerala in November 2022 towards the concept of “ecological management of rivers” in an international workshop. A comprehensive status on Chalakkudy River and riparian ecorestoration protocol will be used as a baseline. The Centre for Ecology, Taxonomy, Conservation and Climate change (CEtC) of Western Ghats Hornbill Foundation (WGHF) at Research Department of Botany MES Asmabi College campus organised an online event “The Riparian Forest for Fish, Rivers and People” on May 21st “The world fish migration day”. This event is joining hands with other events happened across the world linked with ‘World Fish Migration Day “on the 21st May 2022. This is to propagate the requisite of “Ecological Restoration and management of the Riparian forests across the Western Ghats”. Various scientists, researchers, local people and community organisations presented their views on various rivers across Kerala part of Western Ghats. The event was in collaboration with the Department of Aquatic Biology and Fisheries, University of Kerala, Western Ghats Hornbill Foundation, CEtC & Research Department of Botany MES Asmabi College, Fish Migration Foundation, Society for Ecorestoration (SER). A total of 62 students participated in the programme.

Riparian Forest for Fish, Rivers and People

towards *“ecological management of rivers”*



The Centre for Ecology, Taxonomy, Conservation and Climate change (CEiC) of Western Ghats Hornbill Foundation (WGHF) at Research Department of Botany MES Asmabi College campus is organizing an online event **“The Riparian Forest for Fish, Rivers and People”** on May 21st **“The world fish migration day”**. This event is joining hands with other events happening across the world linked with ‘World Fish Migration Day’ on the 21st May 2022.

Find event at
<http://www.westernghats.org/ceic/>
<http://www.asmabi.ac.in/whbfoundation/>



ONLINE EVENT

This is to propagate the requisite of "Ecological Restoration and management of the Riparian forests across the Western Ghats" various scientists, researchers, local people and community organisations will be presenting their views on various rivers across Kerala part of Western Ghats.

The programme envisages to bring out a status document on riparian zones of various rivers of Kerala in November 2022 towards the concept of "ecological management of rivers" in an international workshop. A comprehensive status on Chalakkudy River and riparian ecorestoration protocol will be used as a baseline.

The event is in collaboration with the Department of Aquatic Biology and Fisheries, University of Kerala, Western Ghats Hornbill Foundation, CEtC & Research Department of Botany MES Asmabi College, Fish Migration Foundation, Society for Ecorestoration (SER).



[Register here for participation and certificate](#)

**21st May 2022
9.30 AM**



SOCIETY FOR ECOLOGICAL RESTORATION





WORLD FISH
MIGRATION DAY

21st May 2022
9.30 AM

INAGURATION



Dr. TV Sajeer
Senior Scientist & Registrar
Kerala Forest Research Institute

KEYNOTE



River Restoration vis-a-vis Restoration of Fish Migration: A
Proposal for Creating a Win-Win Scenario in India

Dr. A. Biju Kumar
Dept. of Aquatic Biology & Fisheries, University of Kerala

THEMATIC TALKS



Migrating fishes of the rivers of Kerala
Dr. C.P. Shaji

Restoration Protocol for Riparian Forests in the
Western Ghats

Dr. K.H. Amitha Bachan
IUCN CEM's CCBPP Core Group Member
Assl. Prof. MES Asmabi College



Pollution in River Periyar
Dr. G.D. Martin, SRA CUSAT

The River Kabani
Arun P.A.
Ferns Naturalists' Society

The River Bharathapuzha
Mr. Vinod Nambiar,
Gen. Sec. Friends of Bharathapuzha

Moderator

Vineetha Venugopal
Hombill Foundation

Tirur River
Dr. Priya M
Friends of Bharathapuzha

Riparian Vegetation of Meenachil River
Dr. N. Unnikrishnan
Sec. Kottayam Nature Society

Riparian Forests of Pamba River
Dr. Jobi Paul
Assl. Prof. St. Thomas College,
Thrissur

Chaliyar River
Mahesh Mohanan P
Ph.D Fellow, Devagiri College

Threatened Status Assessment of Riparian Ecosystem
Devika M Anilkumar
SER Asia Core Team Member

Mapping the Riparian Vegetation within
Anamalai
Pooja Suresh
Ph.D Fellow, MES Asmabi College