

6. Nukkadnatak to create awareness about water conservation

MADRAS CHRISTIAN COLLEGE (Autonomous)

DEPARTMENT OF GEOGRAPHY, TOURISM AND TRAVEL MANAGEMENT

Water matters is the collaborative project with US Consulate General Chennai, Care Earth Trust and Smithsonian Institution that aims to generate the general awareness on importance of managing water efficiently and promoting sustainable environmental practices. Curated by the US, Indian, International experts in Ecology, History and Heritage International Institution expertise from Smithsonian, Water matters explores the centrality of water in people's life by examining water as both an environmental necessity and key cultural element.



Poster for the event



Students of Dept. of GT&TM at the event



Demo at the event - 1



Demo at the event - 2



Demo at the event - 3



Demo at the event - 4

Volunteers Sheet for Water Matters Exhibition		
1. Adarsh Kishore	2. Anshu Kumar	3. Anshu Kumar
4. Anshu Kumar	5. Anshu Kumar	6. Anshu Kumar
7. Anshu Kumar	8. Anshu Kumar	9. Anshu Kumar
10. Anshu Kumar	11. Anshu Kumar	12. Anshu Kumar
13. Anshu Kumar	14. Anshu Kumar	15. Anshu Kumar
16. Anshu Kumar	17. Anshu Kumar	18. Anshu Kumar
19. Anshu Kumar	20. Anshu Kumar	21. Anshu Kumar
22. Anshu Kumar	23. Anshu Kumar	24. Anshu Kumar
25. Anshu Kumar	26. Anshu Kumar	27. Anshu Kumar
28. Anshu Kumar	29. Anshu Kumar	30. Anshu Kumar

List of students who participated

ESTUARINE BIOLOGICAL LABORATORY AT PULICAT
DEPARTMENT OF ZOOLOGY
Conservation and Replenishment



Pulicat Lake



Estuarine Biological Laboratory

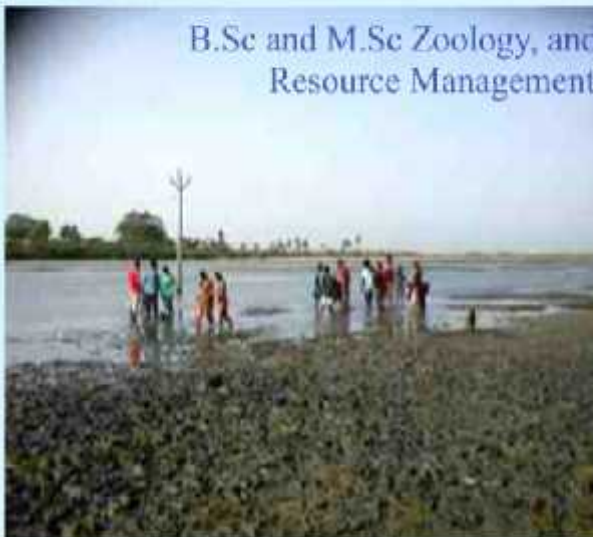
Students heading to the field in our boat



**Dormitory to accommodate
Students' stay**



**B.Sc and M.Sc Zoology, and M.Sc Marine Studies & Coastal
Resource Management Students are at the field study**



Student Projects at EBL

DEPARTMENT OF SOCIAL WORK (AIDED)

The Role of Palm Trees to induce Rainfall

Rapporteur – Keren Samuel, II MSW

Date: August 22, 2019

Mr. Pannai Sathish spoke on the significance of protecting palm trees in Tamil Nadu to prevent natural disasters. Highlighting their connection to Tamil culture, he said they were mentioned in Tamil literature such as Purananuru, Thirukural and Tholkappiam. There are 34 species of palm trees and about 110 food items can be derived from them and it increases ground water table.

He also spoke about the different uses of the palm tree fruit (nungu), which releases a gas called silver nitrate and is known to induce rainfall. Palm trees also have two roots that collect and retain water, which contributes to increasing ground water table.

He encouraged students to plant these trees along the coastal areas so that during times of flood and cyclones, it would help to regulate the direction and speed of wind. He also invited the students to spread the information and join his crusade to save the palm trees.

After the program, Mr. Sathish, along with the faculty and students, planted four palm trees in the department. News 7 channel also documented the same.



Discussion on Water and Sustainable Living

Rapporteur – Janet Jayakumari, II MSW

Date: August 29, 2019

The session was based on a successful initiative of Sustainable Living that started in the homes of Mr. and Mrs. Harsha and Prabha Koda in Sabari Terrace, OMR, who had later started the Federation of OMR Residents Association (FOMRRA). Their activities focused on segregation of solid waste and water conservation. They emphasized that Sustainable living begins with the segregation of biodegradable and non-biodegradable waste at the source. They have vermicompost pits in their terrace, which is done by collecting green waste from the residents. Children are motivated and involved throughout the process. Water conservation is managed through ground water recharge and direct collection in terrace by the construction of open wells. The wastewater is recycled



<p>to water the lawns. In 2019, they saved 4.4 lakh litres of water.</p> <p>These methods arose out of necessity and have made birds of different species appear and inhabit their balcony in order to create balance in the ecosystem. “If you do your part, nature will take care of itself,” was their motto.</p>	
<p>Newsletter – OUR VOICE – Department of Social Work (Aided), Madras Christian College</p>	https://drive.google.com/file/d/1ifo3AyQJufsail7jD74fbsQfRilq18zH/view?usp=sharing
<p>Jonathan Callaghan Online Lecture Series ‘Wetlands – Encroachment and Restoration’ Guest Speaker Mr. Nityanand Jayaraman, Environmentalist, 11th September, 2020 organized by CYAN Club, Madras Christian College</p>	https://drive.google.com/file/d/1WWhxFy3ZUo52YLcTyWZPEI9U7pYvskm6/view?usp=sharing
<p>Community Intervention related to Water Bodies - News Article</p>	https://www.iamrenew.com/environment/mix-up-in-restoration-of-paruthipattu-lake-as-chennai-battles-water-crisis/

STUDENT UNITS

College Union Society, NSS, Scrub Society

Restoration of Selaiyur Lake – Feb. 2019

Selaiyur Lake Restoration and cleaning work was done by NSS volunteers of Madras Christian College along with a Voluntary Organization and NGOs from 7 am to 10 am on **February 23, 2019**. Around 25 volunteers took part in this activity



Restoration of Selaiyur Lake - March 2019

The NSS volunteers of Madras Christian College, Tambaram took up a massive restoration initiative of Selaiyur lake. A strength of 160 volunteers, including the programme officers and few local residents engaged in clearing the toxic wastes from the lake on **16th March 2019**. The NSS unit of Madras Christian College has adopted the lake for further restoration and maintenance.



Awareness Campaign on Water Conservation July 2019

NSS, MCC organized an Awareness campaign on water conservation on **July 26, 2019** at Mappedu Gypsy Colony and Tiruvencherry. The NSS volunteers interacted with the residences through door to door canvassing and explained them about water scarcity and need for water conservation.



Awareness on Campus, August 2019

On **15 August, 2019**, the NSS Volunteers celebrated the Independence day and presented a mime on “Cleanliness” in both the campus land and waterbodies.



Awareness in Neighbourhood

Cleaning of Vandaloor Lake

On **August 15, 2019**, the NSS volunteers cleaned the Vandaloor zoo and the lake at Vandaloor, guided by the Officials of the Zoo.



Awareness on Campus – Plastics threat to Waterbodies, August 2019

NSS volunteers conducted a Street play on **16th August, 2019** at the Students Centre about awareness on avoiding plastics that are a threat to waterways and water bodies on campus.



Water Conservation Rally, August 2019

The volunteers of NSS conducted a Water Conservation Rally at East Tambaram bus stop along with the Tambaram municipality officials on **August 22, 2019**. Cloth bags and pamphlets were to the public to in order to create awareness to avoid use of plastics to save waterbodies in the locality.



Join us for
Imagine a Day without Water

**WATER CONSERVATION PUBLIC AWARENESS PROGRAM
2019-2020**

Jointly by
**NATIONAL SERVICE SCHEME
MADRAS CHRISTIAN COLLEGE**

Webinar on Community Participation in Water Conservation, June 2020

On 12th of June, 2020 a webinar on 'Community Participation in Water Conservation' was held to raise awareness on how community participation can save the water resources of our country. The resource person was Mr. J. Jayanth, Social expert cum Information and Communications Specialist, Chennai Rivers Restoration Trust (CRRT), Govt. of Tamilnadu who explained the works of Chennai Rivers Restoration Trust (CRRT). NSS Officer Dr. S. Ramakrishnan explained about the action plan Jal Shakti campus and Jal Shakthi Gram, Jal Shakti Abhiyan initiated by the Ministry of Water and Sanitation which is focused on water conservation on the campus and in the villages with which the campus is engaged. Program Officer Dr. Sheba Davidson encouraged participants to come out with innovative ideas on *Swatchtha water*, and waste management. Nearly 100 students participated in this webinar.



NSS Intercollegiate Cultural Fest, Water Conservation and Restoration of Waterbodies, March 2019

The very first NSS Intercollegiate cultural fest of Madras Christian College, "SERVITIUM" was conducted on 21st March, 2019. Ten events including onstage, offstage and online events were conducted and SDNB Vaishnava College, Chennai won the Overall trophy. The topics of the competitions included Water Conservation and Restoration of Water bodies.

