



CRITERIA-1

CURRICULAR ASPECTS

1.3: Curriculum Enrichment

1.3.1: Institutional efforts to integrate Environmental Sustainability into the curriculum.

CONTENT

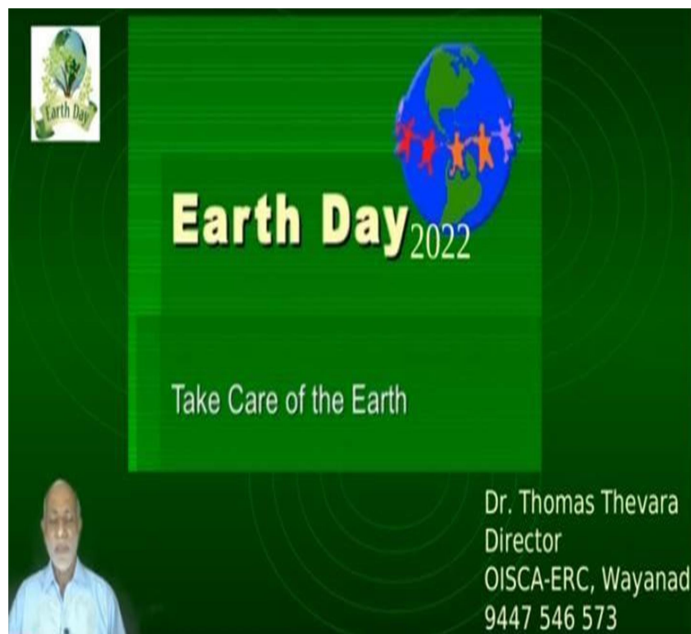
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ENVIRONMENTAL SUSTAINABILITY

2021-22

EARTH DAY DISCUSSION AND PLEDGE

On April 21st, 2022, the Department of Chemistry organized a Discussion and Pledge event as part of World Mother Earth Day. The event aimed to raise awareness about the importance of conserving our planet and promote sustainable practices. Dr. Thomas Thevara, the Head of the Department of Chemistry, took the lead in delivering the lecture. As the Head of the Department, Dr. Thomas Thevara's expertise and knowledge in the field of chemistry would have greatly contributed to the understanding of the environmental challenges we face and the role of chemistry in addressing these issues. His lecture likely covered a range of topics related to conservation, including the impact of human activities on the environment, sustainable chemistry practices, and the importance of adopting eco-friendly approaches in research and everyday life. The Discussion and Pledge event was attended by both faculty members and students from the Department of Chemistry. This gathering provided a platform for open discussions and the exchange of ideas among participants. By involving the entire department, the event aimed to create a sense of collective responsibility and encourage everyone to contribute to the conservation of our planet



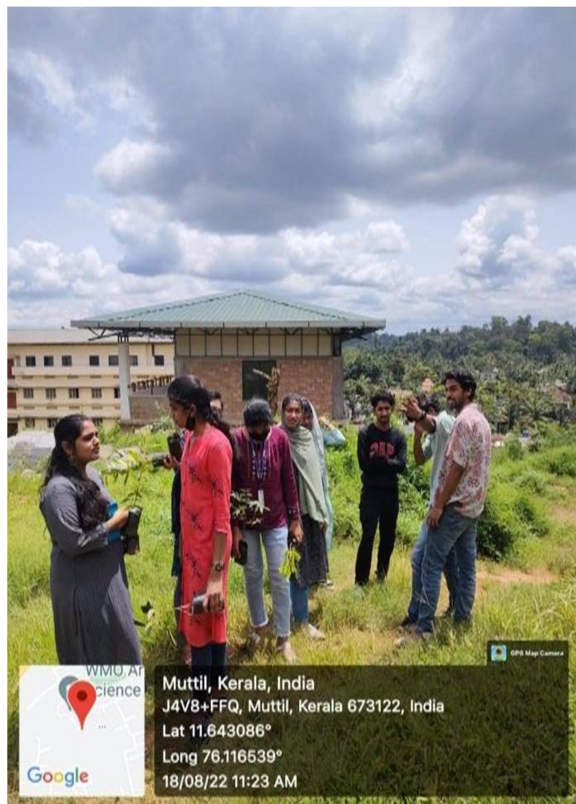
KARSHAKA DINAM

A group of NSS (National Service Scheme) volunteers from your college participated in the 'Karshaka Dinam' event organized by the Muttill Village office on August 17, 2022. This event provided them with valuable insights into the significance of agriculture and recent innovative changes in the field. 'Karshaka Dinam' or Farmer's Day is an occasion dedicated to celebrating and recognizing the contributions of farmers to society. It serves as an opportunity to educate people about the importance of agriculture, the challenges faced by farmers, and the advancements in agricultural practices. By participating in this event, the NSS volunteers were able to learn firsthand about various aspects of agriculture. They likely gained insights into the cultivation techniques, crop management, the use of modern technology and machinery in farming, and the role of sustainable practices in agriculture. Participating in the 'Karshaka Dinam' event would have helped the NSS volunteers to develop a deeper understanding of the challenges faced by farmers and the importance of supporting agriculture. It also likely inspired them to promote sustainable agriculture practices and create awareness among others about the significance of agriculture for food security and the economy.



PLANTATION OF FRUIT SAPLINGS

On August 18, 2022, the NSS volunteers enthusiastically participated in the Fruitful Campus Programme by planting fruit saplings on our campus. The event aimed to enhance the beauty of our campus while promoting environmental sustainability and providing educational opportunities. The plantation included a variety of fruit saplings, such as sapota (chikoo) and mango trees, among others. These fruit-bearing trees were carefully selected to diversify the campus landscape and offer a range of delicious and nutritious fruits in the future. The act of planting fruit saplings contributes to environmental conservation and provides numerous benefits. The trees will help improve the air quality on campus by absorbing carbon dioxide and releasing oxygen through photosynthesis. They will also provide habitat and food for wildlife, promoting biodiversity in our surroundings. By participating in this event, the NSS volunteers not only actively contributed to the beautification of our campus but also gained valuable knowledge about sustainable agriculture practices. They learned about the life cycle of plants, the importance of nurturing green spaces, and the significance of preserving our environment.



ENVIRONMENTAL AWARENESS PROGRAMME FOR FACULTIES

The collaboration between IQAC (Internal Quality Assurance Cell) of WMO Arts and Science College, Kerala Suchitwa Mission, and Kerala Haritha Mission shows a strong commitment to environmental awareness and sustainability. The environmental awareness program organized for faculty members on August 27, 2022, aimed to raise awareness and promote positive change within the college. Such programs are crucial for fostering a sense of environmental responsibility among faculty members who play a vital role in educating and shaping the minds of students. By organizing this program, the IQAC, Kerala Suchitwa Mission, and Kerala Haritha Mission demonstrated their dedication to creating a more sustainable and environmentally conscious academic community. During the program, various activities may have been conducted to enhance awareness and knowledge about environmental issues, such as presentations, workshops, discussions, or hands-on projects. The topics covered could have included waste management, conservation of natural resources, renewable energy, climate change, and other relevant subjects. The ultimate goal of such programs is to inspire faculty members to incorporate environmental awareness into their teaching and research activities, enabling them to become role models for the students and further propagate sustainable practices within the college community.



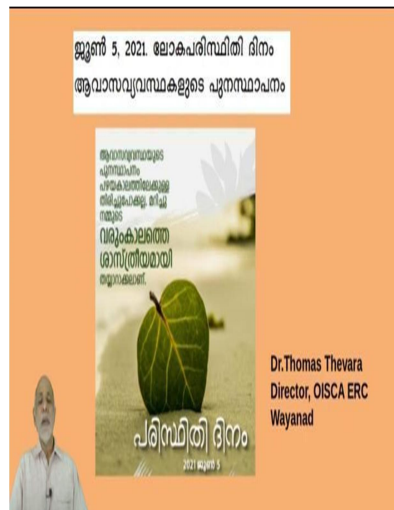
VEGETABLE GARDEN, HARVESTING AND SOCIAL AUCTION

The NSS volunteers of WMO Arts and Science College proudly celebrated their successful harvest of the third session of vegetables from their thriving vegetable garden, located within the college campus. To commemorate this achievement and to contribute to a noble cause, they organized a social auction on the memorable date of 18th April 2022. The auction served as a unique platform for the community to come together and bid on the freshly harvested vegetables. The proceeds from the auction were dedicated to a charitable cause, serving as a fundraiser for the college's philanthropic endeavors. This act of combining agricultural prowess with social responsibility was highly commendable and reflected the college's commitment to holistic education. The event witnessed the active participation of esteemed individuals such as the College Principal, Dr. T. P. Muhammad Fareed, as well as NSS coordinators and enthusiastic students, who wholeheartedly contributed to the success of the event and further strengthened the college's bond with the community.



WORLD ENVIRONMENT DAY OBSERVATION 2021

World Environment Day was observed with great enthusiasm at WMO College, with multiple activities and events that aimed to raise awareness about environmental conservation. The Department of Arabic organized a seminar on environmental elements in Arabic Literature on June 5th, 2021. The function was inaugurated by CR Neelakandan, an esteemed environmental activist. Notable individuals such as Mr. Mayan Manima, Joint Secretary of WMO, Mr. Rashid Gazzali, Executive Director of SIGN, and Dr. Zameer KH, Assistant Professor at the Department of Arabic in MSM College, Kyamkulam, also graced the event. Dr. Zameer presented a thought-provoking paper that explored various aspects of the topic. In collaboration with OISCA, the Department of Chemistry conducted a lecture on ecosystem conservation. The lecture, delivered by Dr. Thomas Thevara, the Head of the Department of Chemistry, took place on June 5th, 2021, as part of the World Environment Day celebrations. The Department of Mass Communication organized an online quiz for students from different disciplines on June 5th, 2021. The quiz aimed to keep the students informed and up to date on environmental issues happening around them. Around 100 students enthusiastically participated in the quiz, showcasing their knowledge and concern for the environment. Furthermore, the Department of Mass Communication initiated a Mass Planting Challenge, encouraging teachers, non-teaching staff, and students of WMO College to plant a tree sapling and share a photo of it through a provided link. This challenge, held on June 5th, 2021, served as a powerful way to engage the college community in practical environmental action, promoting a greener and sustainable future.



WORLD ENVIRONMENT DAY OBSERVATION 2022

The NSS volunteers of WMO College came together on May 4th, 2022, to observe and celebrate World Environment Day. As part of our efforts, we conducted an impactful awareness campaign to highlight critical environmental issues and promote sustainable practices. Additionally, we actively participated in a tree plantation activity, where we planted fruit plants to contribute to the preservation of our ecosystem. This significant event was inaugurated by Dr. Muhammed Fareed T P, the respected Principal of WMO College, who emphasized the importance of environmental conservation. Engineer Mr. Rahoof also graced the program with his presence, showing his support and dedication to the cause. Continuing the spirit of World Environment Day, various departments within the college organized a series of engaging and informative programs on June 5th, 2022. These initiatives included a quiz, poster-making competition, speech competition, debate, and sessions focused on specific environmental topics. These activities provided a platform for students and faculty members to showcase their knowledge, creativity, and passion for environmental sustainability. The diverse range of programs aimed to enhance understanding, foster discussions, and inspire action among the college community. The World Environment Day observation at WMO College served as a catalyst for further environmental initiatives and reinforced our commitment to preserving the planet for future generations. Through collaboration, education, and action, we strive to create a more environmentally conscious and sustainable society.



WEBINAR SERIES ON KERALA PIRAVI

The Department of Mass Communication organized a webinar on 1st November 2021 to celebrate Kerala Piravi, the birth anniversary of the Indian state of Kerala. The event, titled "Mamalakkappurathu marathakapattuduthu malayalam ennoru naadund," aimed to highlight the rich cultural heritage and language of Malayalam. Serving as the resource person for the webinar was Smt. Pushpa K from GVHSS, Manjeri. Her expertise and experience in the field added immense value to the session. The webinar provided a platform for participants to engage in insightful discussions and gain a deeper understanding of the significance of Kerala Piravi and the importance of preserving the Malayalam language. Through this event, the Department of Mass Communication successfully fostered a sense of pride and appreciation for Kerala's cultural identity among the participants.



A SESSION ON “BIODIVERSITY REGISTER”

NSS organized a session on the topic of "Biodiversity Register" on 15th September 2021. The session aimed to raise awareness among students about the importance of maintaining a comprehensive record of biodiversity. Ms. Divya T K, the team head of the Hume project, graced the event and addressed the students. With her extensive knowledge, she shared valuable insights about various plant and animal species, emphasizing the significance of preserving them. The session covered a wide range of topics, including the diversity of herbs, shrubs, creepers, reptiles, and other commonly observed species in our surrounding areas. The students had the opportunity to expand their understanding of the local ecosystem and its intricate connections. The session proved to be a valuable learning experience, empowering the participants to contribute to the conservation and documentation of biodiversity in their communities.



A SESSION ON BIRD WATCHING AND FIELD VISIT

As part of the NSS Day program, an essential session on bird observation took place on 24th September 2021, marking the first step towards initiating the biodiversity register project. The session was conducted by Prof. Ratheesh R.L, an Assistant Professor at Veterinary College, Vythiri. Students who were enthusiastic about bird observation actively participated in the class. The session provided them with a comprehensive understanding of bird diversity, including their names, families, habitats, local names, and other necessary details. It served as an excellent opportunity for participants to enhance their knowledge in this field. Additionally, a field visit was organized on the same day within the campus, led by Prof. Ratheesh R.L. This visit aimed to identify and document different varieties of birds found in and around the campus, contributing valuable information to the biodiversity register. Through this hands-on experience, students were able to observe and record the presence of various bird species. This field visit served as a practical application of the knowledge gained during the session and reinforced the importance of preserving and documenting the avian diversity within the campus environment.



NSS MAGAZINE PUBLICATION AND RELEASING OF BIODIVERSITY REGISTER

The NSS magazine publication and release of the biodiversity register on December 31, 2021, at the open auditorium of WMO Arts and Science College witnessed active participation from the esteemed management team and dedicated faculty members. This event served as a testament to their commitment to promoting social responsibility and environmental awareness among the students and the community. The NSS magazine showcased the remarkable initiatives and projects undertaken by the students throughout the year, reflecting their passion and dedication to creating a positive impact on society. Simultaneously, the unveiling of the biodiversity register highlighted the college's deep appreciation for the environment and its diverse ecosystem. The management team and faculty members' involvement in this significant event underscored their support for the students' endeavors and their belief in nurturing a sense of civic responsibility and environmental consciousness.



A SESSION ON WATER IS LIFE

As part of the NSS Camp at WMO Arts and Science College, a series of enlightening talks were organized to educate and empower the students. One notable session held on December 28, 2021, was titled "Water is Life" and was expertly handled by Dr. Thomas Thevara, Head of the Department of Chemistry at the college. The session aimed to raise awareness among the students about the critical importance of water and the alarming issue of water contamination. Dr. Thevara, with his vast knowledge and expertise, shed light on the various sources of water pollution and the potential consequences it poses to both human health and the environment. The students actively participated in the session, gaining valuable insights into the pressing need for clean and safe water resources. The talk served as an eye-opener, inspiring the students to become advocates for water conservation and take proactive measures to prevent further contamination in our precious water bodies.



A TALK ON ECO-FRIENDLY FARMING

During the NSS camp, an engaging discussion session on eco-friendly farming was meticulously scheduled to educate the volunteers about sustainable agricultural practices. The session featured Mr. Sasidharan, an experienced organic farmer, who shared his profound knowledge and experiences with the enthusiastic participants. Mr. Sasidharan emphasized the significance of adopting eco-friendly farming and cultivation methods that prioritize environmental preservation while ensuring a bountiful harvest. His insights enlightened the volunteers about the detrimental effects of conventional farming practices and the urgent need to shift towards more sustainable alternatives. To further enrich the session, Mr. Soopy, an engineer from WMO College, joined in to highlight the importance of youth engagement in the agricultural sector. He emphasized the untapped potential of the younger generation in contributing to farming and agricultural activities. Mr. Soopy inspired the volunteers by explaining how their active involvement in eco-friendly farming practices can play a vital role in promoting sustainability and addressing pressing environmental concerns. The discussion took place on December 29, 2021, providing the NSS volunteers with a valuable platform to exchange ideas, gain insights, and be inspired to make a positive impact. The session fostered a deeper understanding and appreciation for the significance of eco-friendly farming methods and their pivotal role in achieving sustainable development. Through this enlightening discussion, the volunteers were equipped with knowledge and motivation to actively contribute to the promotion and implementation of eco-friendly farming practices in their communities and beyond.



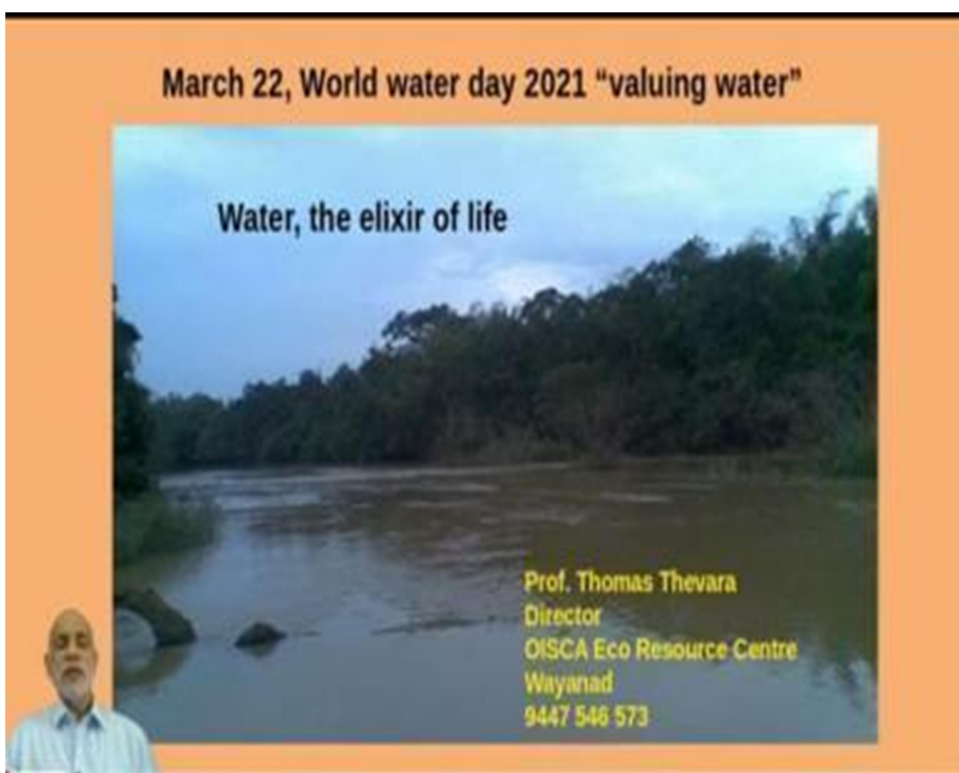
A CLASS ON BIODIVERSITY AND FIELD VISIT

In a collaborative effort between the NSS (National Service Scheme) and Hume Centre for Ecology in Kalpetta, a class on biodiversity was organized for students on 28-12-2021. The class was enriched by the presence of a team from Hume Centre, including Ms. Divya T K and Dhyuthi, who joined the students in their exploration of biodiversity. The team conducted informative sessions on Birds Diversity and the diversity in flora and fauna, providing valuable insights into the rich ecological tapestry that exists within our surroundings. Additionally, they guided the students during a field visit, where they had the opportunity to prepare a biodiversity register. With the assistance of experts, organized by the NSS unit, volunteers embarked on the field visit within the campus. They diligently identified and documented various species, showcasing the remarkable variety of life forms coexisting in their immediate environment. The joint participation of NSS volunteers and coordinators further strengthened the learning experience and fostered a sense of collective responsibility towards preserving and conserving biodiversity. This collaborative effort between NSS and Hume Centre proved to be an enlightening and engaging opportunity for students to gain a deeper understanding of the importance of biodiversity and its conservation.



LECTURE ON 'VALUING WATER'

As a significant contribution to the World Water Day initiative, the Chemistry Department joined hands with OISCA (Organization for Industrial, Spiritual and Cultural Advancement) to organize a thought-provoking lecture on the topic of 'Valuing Water.' The distinguished speaker for the event was none other than Dr. Thomas Thevara, the esteemed Head of the Department of Chemistry. The lecture took place on the 22nd of March 2021, emphasizing the importance of this vital resource. Dr. Thevara captivated the audience with his extensive knowledge and expertise, shedding light on the various dimensions of valuing water. He discussed the economic, environmental, and social aspects of water, highlighting its indispensable role in sustaining life on Earth. With captivating examples and compelling arguments, Dr. Thevara urged the attendees to recognize the significance of responsible water usage and conservation. The lecture served as an eye-opening experience, inspiring the audience to cherish and preserve this precious resource for a sustainable future.

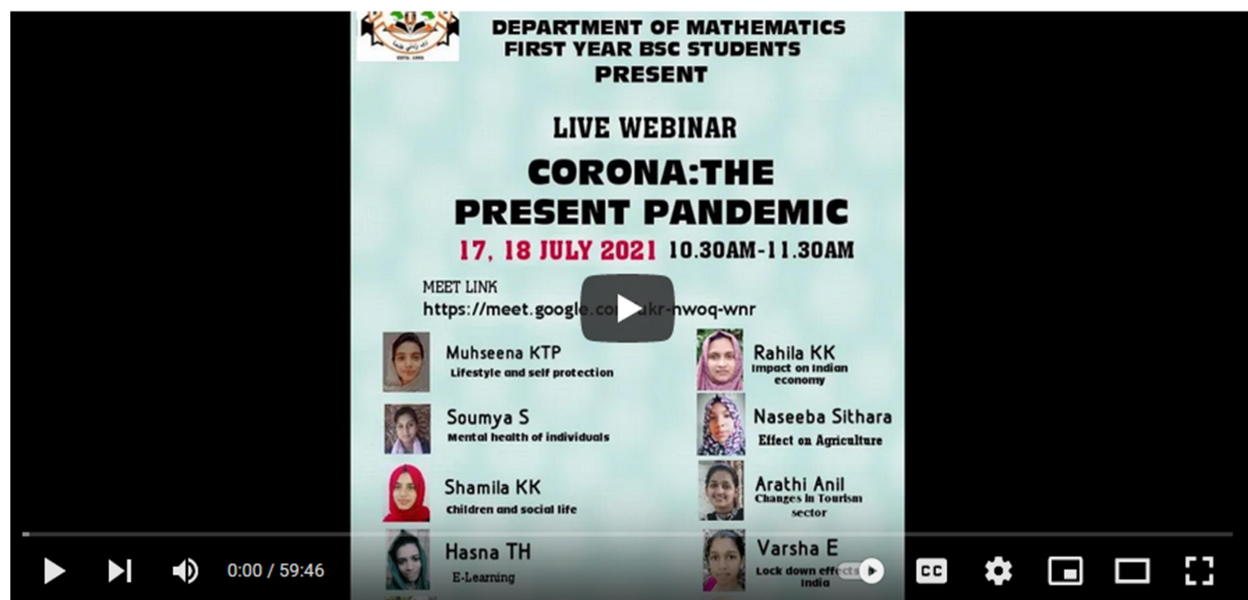


WEBINAR ON CORONA- THE PRESENT PANDEMIC

The Mathematics Department's first-year B.Sc. students took the initiative to coordinate an insightful webinar titled 'Corona - The Present Pandemic' on the 17th and 18th of July 2021. This webinar aimed to shed light on different aspects of the ongoing global pandemic. The students organized ten informative presentations, each covering a specific topic related to the pandemic. The topics ranged from understanding the virus's structure and transmission to exploring the impact on healthcare systems and the economy. The presentations were well-researched and thoughtfully prepared, showcasing the students' dedication and commitment to spreading awareness. To ensure a wider reach, all the presentations were recorded and uploaded to YouTube for easy access. This decision allowed viewers from around the world to benefit from the valuable insights shared during the webinar. The efforts of the first-year B.Sc. students and their commitment to addressing such a pressing issue through educational initiatives are commendable, and their webinar served as an excellent platform for sharing knowledge and fostering a deeper understanding of the ongoing pandemic.

<https://youtu.be/btFzjK0bJc>

<https://youtu.be/vmHX4OiGOk>











**DEPARTMENT OF MATHEMATICS
FIRST YEAR BSC STUDENTS
PRESENT**

**LIVE WEBINAR
CORONA:THE
PRESENT PANDEMIC**

17, 18 JULY 2021 10.30AM-11.30AM

MEET LINK
<https://meet.google.com/akrhwoq-wnr>

 Muhseena KTP Lifestyle and self protection	 Rahila KK Impact on Indian economy
 Soumya S Mental health of individuals	 Naseeba Sithara Effect on Agriculture
 Shamila KK Children and social life	 Arathi Anil Changes in Tourism sector
 Hasna TH E-Learning	 Varsha E Lock down effects India

COVID-19

Get the latest information from the Ministry of Health and Family Welfare.

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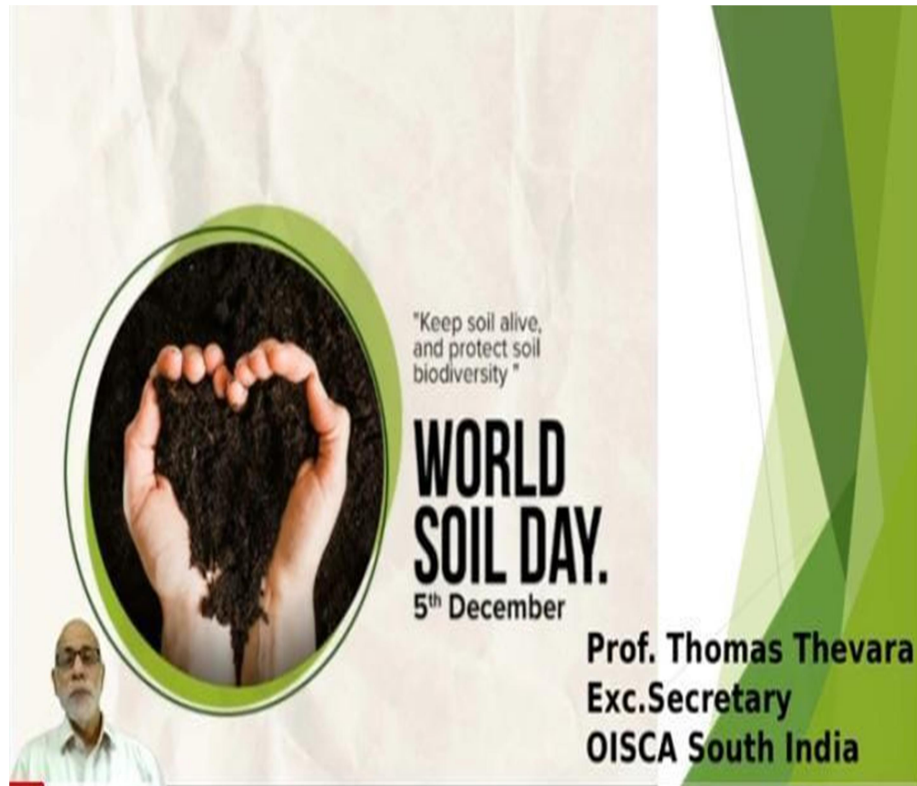
WORLD WETLAND DAY CELEBRATION

In commemoration of World Wetland Day, a department of chemistry organized a special session focused on the theme of 'Wetland Ecosystem' on the 3rd of February 2020. The esteemed resource person for this event was Dr. A.S. Maheswari, the Head of the Research Department of Zoology at SRC College in Trichy. This session served as an invaluable opportunity for faculty members and students to gain a deeper understanding of the importance and ecological significance of wetlands. Dr. Maheswari, with her vast knowledge and expertise, captivated the audience as she shared insights into the diverse range of species and habitats found in wetland ecosystems. She highlighted the crucial role wetlands play in providing essential services such as water filtration, flood control, and biodiversity conservation. The session not only educated the attendees about the value of wetlands but also raised awareness about the need for their protection and sustainable management. The active participation of both faculty members and students demonstrated their genuine interest in environmental conservation. Overall, the department of chemistry's session on the 'Wetland Ecosystem' was an enriching experience that emphasized the significance of preserving these unique and fragile habitats.



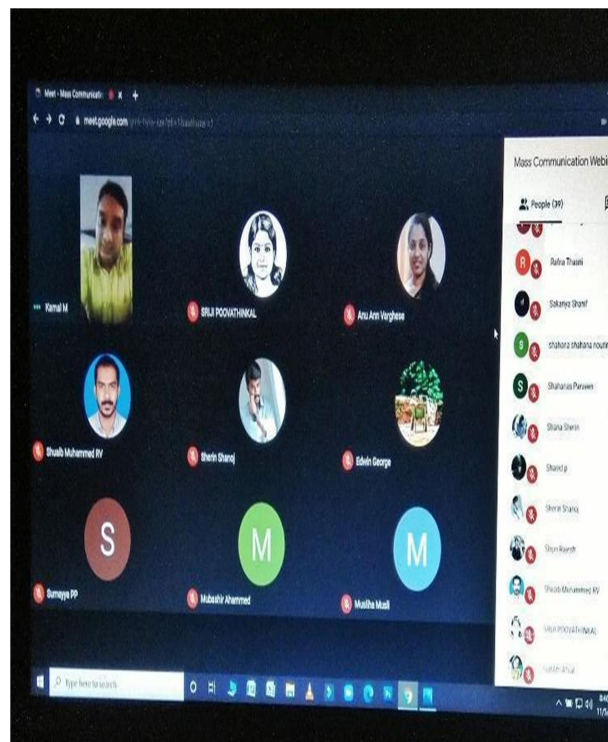
WORLD SOIL DAY CELEBRATION

In observance of World Soil Day, the Chemistry Department organized an online awareness session led by Dr. Thomas Thevara. The session focused on the crucial aspects of keeping soil alive and protecting soil biodiversity. Held on the 5th of December 2020, this lecture aimed to raise awareness about the significance of soil and its preservation. Students and faculty members eagerly participated, seizing the opportunity to expand their knowledge about this essential natural resource. Dr. Thevara, with his expertise in the field, enlightened the audience on the importance of maintaining soil health and preserving its biodiversity. Through the session, attendees gained a deeper understanding of the intricate relationship between soil and various environmental factors. They were made aware of the negative impacts of soil degradation and the importance of adopting sustainable practices to protect and restore soil health. The World Soil Day celebration organized by the Chemistry Department proved to be an enlightening experience, leaving the participants equipped with valuable insights and a renewed commitment to promoting soil conservation and sustainability.



WEBINAR ON ROLE OF MEDIA IN ENVIRONMENTAL PROTECTION

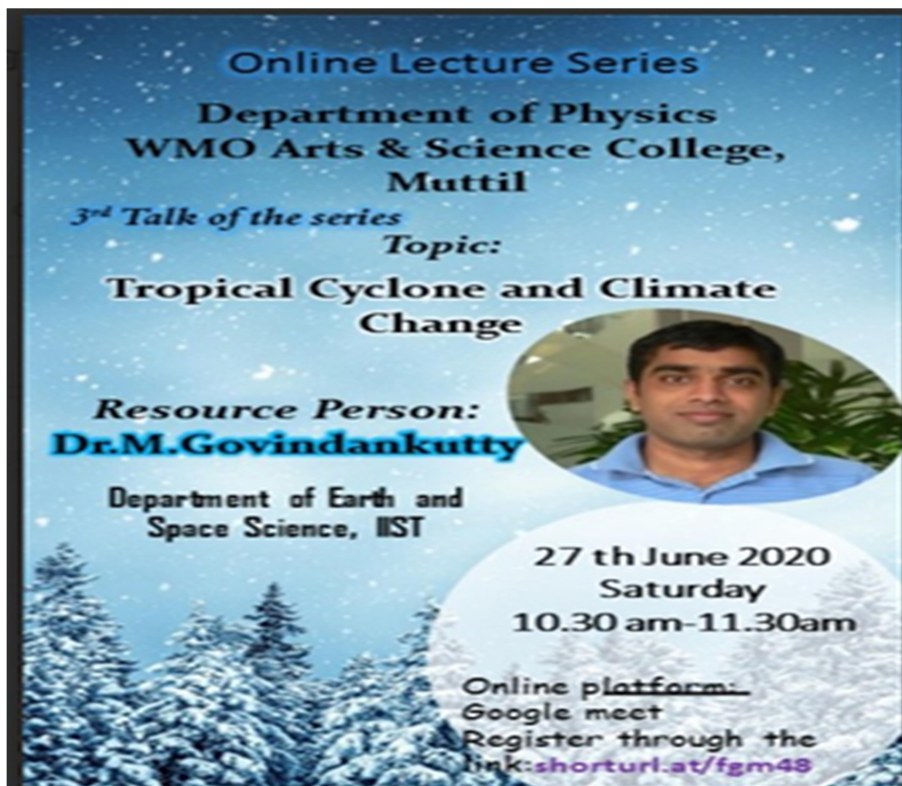
The Department of Mass Communication organized an impactful webinar on the role of media in environmental protection. The session was conducted by Kamal M, a senior reporter from Mathrubhumi News, on November 5th, 2020, at 8:30 pm. Lasting for one hour, the webinar aimed to shed light on the pressing environmental issues that society is currently facing. Kamal M, with his extensive experience in journalism, provided valuable insights into how media can play a pivotal role in raising awareness and advocating for environmental conservation. The session delved into the importance of responsible reporting, highlighting the role of media in influencing public opinion, policy-making, and fostering positive change. The webinar served as a platform for students and participants to gain a deeper understanding of the interconnection between media and environmental issues. It emphasized the need for accurate, informative, and impactful reporting to inspire collective action towards environmental protection. The Department of Mass Communication's webinar proved to be a significant step in nurturing a generation of media professionals who are passionate about addressing environmental challenges through their work.



WEBINAR ON TROPICAL CYCLONE AND CLIMATE CHANGE

The Department of Physics organized a highly informative webinar as part of its webinar series, focusing on the topic of 'Tropical Cyclone and Climate Change.' The session was led by Dr. M. Govindankutty from the Department of Earth and Space Science at IIST (Indian Institute of Space Science and Technology). The webinar took place on the 27th of June 2020, from 10:30 AM to 11:30 AM, attracting a diverse audience of students and faculty members. Dr. Kutty, renowned for his expertise in the field, delved into the intricate relationship between tropical cyclones and climate change. He provided in-depth insights into the scientific aspects of cyclone formation, intensification, and the influence of climate change on their frequency and intensity. The webinar served as an invaluable platform for participants to gain a comprehensive understanding of the complex dynamics of tropical cyclones and their connection to global climate patterns. The Department of Physics' webinar not only fostered knowledge exchange but also highlighted the department's commitment to offering cutting-edge educational opportunities to its students and faculty.

<https://meet.google.com/fmz-cwyz-ogf>



Online Lecture Series
Department of Physics
WMO Arts & Science College,
Muttil

3rd Talk of the series
Topic:
**Tropical Cyclone and Climate
Change**

Resource Person:
Dr.M.Govindankutty

Department of Earth and
Space Science, IIST

27 th June 2020
Saturday
10.30 am-11.30am

Online platform:
Google meet
Register through the
link: shorturl.at/fgm48

WEBINAR ON ENVIRONMENTAL DAY

On June 5th, 2020, in commemoration of World Environment Day, the NCC (National Cadet Corps) organized a captivating webinar titled 'Paristhithi Dinam Ormapeduthunnath,' meaning 'Spreading Awareness on World Environment Day.' The esteemed resource person for this event was Sri. Muneer Tholpetty from FERNs Nature Conservation Society in Wayanad. NCC cadets, along with other students and staff members, eagerly attended the webinar. Sri. Muneer Tholpetty, renowned for his expertise in environmental conservation, shared valuable insights and knowledge on various aspects of environmental preservation and sustainability. The webinar proved to be an enlightening experience, with attendees gaining a deeper understanding of the pressing environmental challenges we face today and the importance of collective action in protecting our planet. The NCC's initiative in organizing this webinar showcased its commitment to fostering environmental awareness and encouraging active participation in environmental conservation efforts among its cadets and the wider student community.

The poster is for a webinar on World Environment Day. At the top, it features the logos of the National Cadet Corps (NCC) and WMO Arts & Science College. The text reads: 'NATIONAL CADET CORPS', 'WMO ARTS & SCIENCE COLLEGE', 'Education and some more', and '5 (K) Bn NCC WAYANAD'. The date 'JUNE 5' is prominently displayed in large green numbers, with 'WORLD ENVIRONMENT DAY' and 'WEBINAR' written below it. In Malayalam, it says 'പരിസ്ഥിതി ദിനം ഓർമ്മപെടുത്തുവാൻ'. A portrait of Muneer Tholpetty is shown on the left. To his right, his name 'MUNEER THOLPETTY' is written in bold, followed by '(FERNs NATURE CONSERVATION SOCIETY, WAYANAD)'. Below this, the Google Meet logo and 'Google Meet 11 AM' are displayed. At the bottom, the meeting code 'MEETING CODE : MKJ-ITWM-CGF' is provided in a rounded box. The footer includes the Instagram handle '@ncc_wmoc'. The background is light green with a decorative green wave at the bottom.

ENVIRONMENTAL DAY OBSERVATION 2019

On 5th June 2019, the National Service Scheme (NSS) observed Environmental Day with the active participation of NSS coordinators and volunteers. The day aimed to raise awareness about environmental conservation and promote sustainable practices. The activities conducted by NSS on this occasion included tree plantation and awareness classes. Tree plantation is a crucial activity to promote greener surroundings and combat deforestation. The NSS coordinators and volunteers likely organized tree plantation drives, where saplings were planted in designated areas. By planting trees and spreading knowledge about sustainable practices, NSS played a vital role in fostering environmental consciousness and encouraging positive environmental actions among participants and the wider community.



SEMINAR - AIR POLLUTION; CAUSES AND CONTROLS

That sounds like a successful seminar on the topic of "Air Pollution - Causes and Controls" conducted by the Department of Physics and sponsored by KSCSTE (Kerala State Council for Science, Technology, and Environment) as a part of Environment Day Observation on 24-06-2019. The seminar featured Dr. Nishanth T. as the resource person, who likely shared valuable insights and expertise on the subject. The interaction between the students and Dr. Nishanth during the seminar was fruitful, allowing for a productive exchange of ideas and knowledge. This kind of engagement is crucial in enhancing understanding and raising awareness about the causes and controls of air pollution.



PANKALITHADHISHTITHA VIKASANA PADANAM

The joint organization of 'Pankalithadhishtitha Visakalana Padanam' by the Department of Social Work and MS Swaminathan Research Federation (MSSRF) in association with the Integrated Wetland Development Programme on 31st January 2019 at Government LP School, Vadakkanad indicates a collaborative effort to promote sustainable development and conservation of wetlands. 'Pankalithadhishtitha Visakalana Padanam' likely refers to a program or initiative focused on the development and preservation of wetlands. This initiative aims to create awareness about the importance of wetlands, their ecological significance, and the need for their sustainable management. The Department of Social Work, in collaboration with the MSSRF, organized this event at Government LP School, Vadakkanad. The choice of a school as the venue suggests that the program may have involved educating and engaging students in wetland conservation activities, promoting environmental awareness from a young age.



CHLORINATION AND SURVEY

Following the floods in 2019 in Wayanad, Kerala, the NSS (National Service Scheme) volunteers and Health Department officials undertook chlorination and surveys to assess and address the potential health risks in the affected areas. As part of their efforts, they visited the premises of WMO Arts and Science College, Muttill. Chlorination is a crucial process conducted after floods to disinfect water sources and prevent the spread of waterborne diseases. The NSS volunteers and Health Department officials likely assessed the water supply systems within the college premises, including wells, tanks, or other water storage facilities. They would have applied appropriate disinfectants, such as chlorine, to ensure the safety and cleanliness of the water. Additionally, surveys were conducted to evaluate the overall health and hygiene conditions in the affected areas, including the college premises.



OZONE DAY CELEBRATION

The Department of Chemistry organized a significant Ozone Day celebration on the 16th of September 2019. The event was led by Dr. Thomas Thevara, a prominent figure in the department. The esteemed Dr. T. P. Muhammad Fareed, Principal of WMO College, inaugurated the programme, marking the importance of the occasion. The celebration brought together faculties and students, creating a platform for raising awareness about the ozone layer and its preservation. Through informative sessions and engaging activities, participants gained a deeper understanding of the significance of the ozone layer and the threats it faces. The Department of Chemistry's initiative in conducting this celebration showcased their commitment to environmental conservation and education. By involving both faculty members and students, the event fostered a sense of shared responsibility and encouraged collective action towards protecting the ozone layer for a sustainable future.



SAPLINGS PLANTING PROGRAMME

In line with the Environment Month celebration, the Department of Chemistry organized a saplings planting programme on the 21st of June 2019. The aim of this initiative was to promote environmental consciousness and sustainable practices among the student community. A total of 20 students enthusiastically participated in the programme, demonstrating their commitment to preserving and enhancing the natural surroundings. The saplings, carefully chosen for their ecological value, were planted in designated areas on the campus. The programme not only provided an opportunity for students to actively contribute to greening efforts but also served as an educational platform for them to learn about the importance of trees in maintaining a healthy ecosystem. Through this saplings planting programme, the Department of Chemistry demonstrated its dedication to instilling environmental responsibility in its students and fostering a greener and more sustainable future.



NATURE PROTECTION DAY CELEBRATION

In commemoration of Nature Protection Day, the Mass Communication Department organized an engaging inter-departmental nature quiz on July 28th, 2018. This quiz aimed to increase awareness about the importance of nature conservation and sustainable practices among the student community. Eight teams from various departments eagerly participated, showcasing their knowledge and enthusiasm for environmental issues. Each team consisted of three members, and they competed with each other in a friendly and educational atmosphere. After an intense and exciting competition, the team comprised of Shivakumar PB, Harshith KV, and Shamel Salim from the Department of Chemistry emerged as the winners. As a token of their victory and to promote the spirit of nature protection, the winning team planted a sapling in the campus. This gesture symbolized their commitment to preserving and enhancing the natural environment. The Nature Protection Day celebration, through the inter-departmental nature quiz, succeeded in fostering a sense of environmental responsibility and collective action among the participating students, further emphasizing the significance of nature conservation in our daily lives.



PRACTICAL SESSION ON WATER QUALITY ANALYSIS

On the occasion of World Water Day, which was celebrated on March 23, 2020, the Department of Chemistry joined forces with the Brahmagiri Development Society to organize a practical session on water quality analysis. This collaborative effort aimed to raise awareness about the importance of water and promote the understanding of water quality assessment among the participants. The practical session provided a platform for individuals to learn and apply various techniques and methodologies for analyzing water samples. Participants were introduced to essential parameters such as pH, turbidity, dissolved oxygen, and various contaminants. Through hands-on experiments, they gained valuable insights into the significance of water quality monitoring and the potential risks associated with inadequate water treatment. The event served as a vital opportunity to engage and educate individuals on the vital role of chemistry in ensuring clean and safe water for all.



CAMPUS CLEANING PROGRAMME

The NSS unit of our college conducted a campus cleaning programme on 3rd October 2018 under the guidance of the NSS Programme officers. All the NSS Volunteers were engaged in this cleaning programme. The NSS Programme officers divided the NSS Volunteers into several groups. Each group members were allocated with a particular area for cleaning. Three groups were asked to collect all the stones from the ground separately in different sacs. The renewable such as dry leaves, twigs, papers etc. and non-renewable wastes such as carry bags, and plastic items etc. were collected separately.



A REPORT ON CLEAN WAYANAD PROGRAMME

NSS Volunteers attended in the clean Wayanad program conducted by district NSS Committee. It conducted in the flood affected areas of the Wayanad. 2018 Kerala witnessed heavy flood and it was affected many natives in various ways. Public roads and my houses face much major causality. The dedication of our NSS workers given consolation for many. It conducted on First September 2018.



SWATCH BHARATH MISSION PROGRAMME

The NSS unit of our college visited Aduvady Tribal Colony, 11 th ward in Muttill Panchayath for a cleaning programme on 6th October 2018 under the guidance of our beloved principal Dr. Muhammed Fareed. Almost 100 NSS volunteers took the initiative of cleaning and removing garbage in the area. The NSS Programme officers Dr, Najmuddeen and Ms. Muhsina V divided the NSS Volunteers into several groups. Each group members were allocated with a particular area for cleaning. Few groups were asked to collect all the non-renewable wastes such as carry bags, plastic items etc. from the ground. Our sole intension was to make of Aduvady colony as a plastic free colony. We also conducted a health awareness camp to the colony people about the necessity of improve health conditions and personal hygiene.



PARISTHITHIKAM – 2018

The Bhumitra Sena Club organized a two-day natural study camp named “Paristhithikam-2018” from February 10 to February 11, 2018. The program was sponsored by the Department of Environment and Climate Change, Government of Kerala. The camp aimed to create awareness and foster a deeper understanding of the environment among the participants. The coordinators of the Bhumithra Sena Club, Mr. Hashim N. K and Dr. Nobert Thomas Pallath, played key roles in organizing the event. Along with other faculty members and students, they actively participated in the camp to make it a success. During the two-day camp, various activities were conducted to engage the participants in studying and exploring the natural environment. The camp provided an opportunity for students and faculty members to observe and understand the local ecosystems, biodiversity, and environmental conservation. The “Paristhithikam-2018” natural study camp served as a platform for knowledge-sharing, discussions, and collaborations among the participants.



TREE PLANTATION

NSS units organized tree plantation programs on three different dates: September 20th, September 27th, and October 1st, 2017. In total, 400 trees were planted during these programs. The number of volunteers who participated varied on each date, with 70, 80, and 93 volunteers taking part in the respective programs. Tree plantation programs are essential for environmental conservation and sustainability. By organizing such initiatives, the NSS units contributed to creating a greener and healthier environment. Planting trees helps combat deforestation, provides habitats for wildlife, improves air quality, and mitigates climate change by absorbing carbon dioxide. Additionally, the active participation of volunteers, totaling 70, 80, and 93 on each occasion, indicates a positive response from the community and a collective effort towards environmental protection. The involvement of these volunteers showcases their dedication and commitment to the cause of conservation and their willingness to contribute to a sustainable future.



NSS IN COLLABORATION WITH SBI TO PLANT FRUIT TREES

NSS units collaborated with the SBI Kainatty branch to plant fruit trees. Planting fruit trees not only contributes to environmental conservation but also provides a sustainable source of nutritious food for the community. Collaborating with the SBI Kainatty branch indicates a partnership between the NSS units and the bank, emphasizing the importance of corporate social responsibility and community engagement. Such collaborations are valuable as they bring together resources and expertise to promote environmental sustainability. Planting around 15 fruit trees showcases the commitment of the NSS units and the SBI Kainatty branch to making a positive impact on the local ecosystem. Fruit trees not only enhance the beauty of the surroundings but also provide benefits such as improving air quality, conserving soil, and attracting pollinators.

