

Consolidated Report of Sustainability Week-2nd Edition

Date: 20/11/2023 to 25/11/2023

Woxsen University, a leading private institution in the state of Telangana, successfully concluded its Sustainability Week from November 20th to November 25th, 2023. Embracing Ethics, Responsibility, and Sustainability (ERS) which is one of its four foundational pillars, the university dedicated the week in raising awareness and fostering a culture of sustainability.

The university organised a diverse array of activities showcased the university's commitment to ERS like Webinars, panel discussions, seminars, and poster presentations on sustainability topics. Engaging activities such as quizzes, paper mash workshops, and a Moot Court competition were also organised. The details of activities organised day wise is mentioned below.

1. SUSTAINABILITY WEEK CELEBRATION- DAY 1:

1.1. SESSION ON CONTEMPORARY NORMS AND LAWS RELATED TO ENVIRONMENT SUSTAINABILITY:

The session was conducted with a focus to deliver lecture on environmental sustainability, to discuss nuances where in a world grappling with the repercussions of climate change and environmental degradation, it's imperative to understand the role of environmental laws and policies in India and Worldwide. The session explored nations commitment to preserving its natural resources and fostering sustainable development through an array of regulations and initiatives. The session was classified into three major heads where speakers dealt with the topic.

Prof. Ummul Waraah explained about the International Conventions and Policies related to Environment Sustainability; International Environmental conventions and protocols act as tools and safeguards for the environment.

Dr. Ajoy Jose explained about Principles and Norms of Environment Sustainability; She focussed widely on applicable principles aimed at explicit environmental sustainability: doing no harm to nature, minimising environmental damage, restoring/remediating environmental damage, net-positive impact, no net loss, maintaining the health of ecosystems, and continual environmental improvement.

Prof. Nehal Ahmad explained about Constitutional Framework of Environment Sustainability; He focussed on Fundamental status in the Constitution of India that has been given to the concept of protecting the environment as it is essential to promote human health to have a healthy environment and affords a right to a healthy environment to all.

1.2. POWER DOWN FOR PLANET-EMBRACING ENERGY EFFICIENCY- SCHOOL OF SCIENCE:

"Power Down for the Planet" is an initiative dedicated to advocating environmentally responsible habits, aiming to diminish energy consumption and cultivate sustainability. This event, featuring a one-hour power cut, seeks to amalgamate symbolic action with educational outreach, urging individuals and communities to adopt energy-efficient practices for the enhancement of the environment.

"Power Down for the Planet: Embracing Energy Efficiency" event, marked by a one-hour power cut, serves as a powerful initiative to promote environmental consciousness and sustainable practices.

Through its combination of symbolic action, community engagement, and educational outreach, the event not only raises awareness about the importance of reducing energy consumption but also advocates for meaningful behavioural change.

2. SUSTAINABILITY WEEK CELEBRATION- DAY 2:

2.1: LAB SUSTAINABILITY: NAVIGATING THE PATH TO GREEN SCIENCE BY SCHOOL OF SCIENCE

The lecture on "Lab Sustainability: Navigating the Path to Green Science" provided a comprehensive exploration of the principles and practices necessary to promote sustainability in laboratory settings. This insightful session, conducted as part of Sustainability Week, aimed to raise awareness, and equip attendees with the knowledge needed to adopt environmentally friendly approaches in scientific research. The lecture on Lab Sustainability was well-received, fostering a heightened awareness of the pivotal role laboratories play in environmental conservation. Attendees left the session equipped with practical insights and a renewed commitment to integrating sustainable practices into their scientific endeavours. The event successfully contributed to the broader goal of promoting sustainability within the scientific community.

2.2: PANEL DISCUSSION ON "IMPLEMENTATION OF THE SDGs IN THE GLOBAL SOUTH NATIONS SINCE THEIR INCEPTION" BY SCHOOL OF LIBERAL ARTS AND HUMANITIES

School of Liberal Arts and Humanities organised a panel discussion on "Implementation of the SDGs in the Global South Nations since their inception" on 21 November 2023 as part of the Sustainability Week 2023. The panel was comprised of Prof. Anindo Bhattacharjee, Prof. Dheeraj Rayalu Tadi, Prof. Dibyagana Biswas, and Prof. Pankaj Kumar. The panel discussion was moderated by Prof. Digvijay Singh.

In the discussion the importance of SDGs in the lives of individuals and customers was discussed and works done by woxsen university in terms of promoting SDGs and sustainability was also discussed. Prof. Pankaj Kumar talked about India's status in terms of environmental protection by giving various examples. The discussion moved smoothly from one aspect of SDG implementation to another. Students listened very carefully to the conversation among the panellists. In the end, students were allowed to put forward their questions. They used this opportunity very well by asking questions about the role of government, society, and an individual in protecting the environment and implementing SDGs.

3. SUSTAINABILITY WEEK CELEBRATION: DAY-3

3.1: TEST YOUR GREEN IQ: THE SUSTAINABILITY CHALLENGE- QUIZ BY SCHOOL OF SCIENCE

"The Sustainability Challenge" tested attendees' understanding of sustainability and its many facets. This interesting quiz encouraged participants to investigate and comprehend the complex dynamics of sustainable practices by testing their knowledge of a range of sustainability-related topics, such as social responsibility, environmental preservation, and economic viability. A thoughtfully chosen set of thought-provoking questions, scenarios, and case studies made up the event structure. These investigations included a wide range of important subjects, including the use of renewable energy, waste management techniques, biodiversity conservation, reducing the effects of climate change,

sustainable consumption habits, ethical issues, and the goal of social justice. The goal of the event was to get participants to apply their knowledge of sustainability concepts to real world scenarios by using a variety of formats, including multiple-choice questions, audio-video based case studies, and scenario-based assessments. The purpose of the questions was to push participants to think critically and come up with workable answers to hard sustainability problems, in addition to assessing what is already known. Innovative ideas and workable plans that consider the social, economic, and environmental aspects were welcomed from the participants.

3.2: MOOT COURT COMPETITION ON CASE STUDY BASED UPON ENVIRONMENTAL LAW BY SCHOOL OF LAW.

The Moot Court Competition was specifically designed to address the environmental case study which led to discourse on the issues and challenges related to it. Whereas students/participants were able to analyse the concerns and laws available for the protection of environment as well as liability in case of default made by either an individual or group of individuals.

Moot court covers the appeals process rather than a trial, so there is no jury, witnesses or evidence. Instead, students are given a hypothetical case and will take on the role of either the appellant or respondent. The appellants will speak first, arguing the decision in the original trial was wrong. The respondents will then present their case defending the initial ruling. The purpose of moot court is to imitate a real-life court environment as closely as possible. Preparing for a moot court enables students to work with peers and develop your legal research skills. Participants will also have to think critically about the law and build robust, persuasive arguments to present during the moot.

In addition, a moot court provides an opportunity to make students courtroom manner and etiquette. Students must learn and use the appropriate courtroom language and ensure they address everyone correctly and moot court provided an opportunity to hone courtroom manner and etiquette. Students must learn and use the appropriate courtroom language and ensure they address everyone correctly.

3.3: POSTER COMPETITION ON “BEING SUSTAINABLE BY USING INDIGENOUS WAYS OF LIFE” BY SCHOOL OF LIBERAL ARTS AND HUMANITIES.

A poster Display competition was organised by the School of Liberal Arts and Humanities on the theme of “Being Sustainable by Using Indigenous ways of Life” on 22 November 2023 as a part of the Sustainability Week 2023. Prof. Digvijay Singh was the faculty coordinator for the event. Prof. Ranita Basu and Prof. Dibyagana Biswas were the judges for the competition. The posters included the depiction of various farming practices in India and other countries of Southeast Asia. Posters also showcased depicting traditional houses in India, which are believed to be more environment friendly. Judges asked the questions to the participants who answered them very well.

3.4: DISPLAY OF PROJECTS ON WASTE REDUCTION, E-WASTE AND ELECTRONICS RECYCLING BY SCHOOL OF ARTS AND DESIGN - INDUSTRIAL DESIGN DEPT

The 5th semester Industrial Design students researched the waste management system of Zaheerabad, Hyderabad. The Project Brief was to work with the local rag-picking communities in their respective geographies and develop solutions that could enhance their lives. The students carried out intensive field and literature research and came up with solutions focused on upcycling and the creation of value for all the stakeholders involved and that tracking was displayed at woxsen university for other department students and faculty to observe the display.

3.5: DISPLAY OF PROJECTS ON E-WASTE AND ELECTRONICS RECYCLING BY SCHOOL OF ARTS AND DESIGN - INDUSTRIAL DESIGN DEPT.

Recycling E waste is a complicated process with many steps involved and requires a lot of technology for efficient recycling. Student work focused on the promotion of reuse of E-waste as refurbishing and repairing smartphones prolonging the useful lifespan, raising awareness among the middlemen who are often kept in the dark about the value of PCBs and are traded unfairly and promote the repair of smartphones by providing expensive factory parts for cheaper. Students proposed Ai Software to assess printed circuit boards that could identify different components of a circuit board and gives list of compatible devices where it can be reused and assess the value of PCB by measuring the number of valuable metals in it and give the board's actual value.

3. 6: DISPLAY OF PROJECTS ON SUSTAINABLE FASHION BY SCHOOL OF ARTS AND DESIGN- FASHION DESIGN DEPT.

7th semester fashion design students showcased garment collections inspired from nature. The spotlight was on eco-conscious collections that merged creative vision with sustainable practices. From organic fabrics to inventive upcycling, each piece showcased their commitment to a greener future, symbolizing elements of land, water, air, and fire. Beyond aesthetics, the event served as a great platform for the audience to learn, be aware and advocate for responsible fashion choices, it also exhibited the conscious approach of young fashion design students towards the future of fashion and sustainability.

4. SUSTAINABILITY WEEK CELEBRATION: DAY-4

4.1: MARATHON FOR SCHOOL STUDENTS TO CREATE AWARENESS ON SUSTAINABLE FUTURE BY TRY CLUB.

The marathon witnessed enthusiastic participation from the nearby school students. The marathon emphasized the significance of promoting healthy lifestyles and environmental awareness. To recognize and appreciate the efforts of the participants, prizes were distributed to the top three winners in both the boys' and girls' categories. The winners were not only celebrated for their athletic achievements but also for their commitment to promoting a sustainable lifestyle. Every participant was given a certification of participation.

Following the marathon, an essential aspect of the event involved participants taking a collective pledge to support and lead sustainable lives. The pledge emphasized the importance of making eco-friendly choices in everyday life, including reducing waste, conserving energy, and promoting environmental stewardship and In a symbolic gesture of solidarity towards sustainability, The TRY students facilitated the collection of handprints from participating students. These handprints were imprinted on specially designed clothes made from sustainable materials.

4.2: A GUEST LECTURE ON “SUSTAINABLE RECOVERY OF RARE EARTH ELEMENTS BY RECYCLING OF E-WASTE FOR A CIRCULAR ECONOMY” BY SCHOOL OF TECHNOLOGY

A guest lecture on Sustainable Recovery of Rare Earth Elements by Recycling of E-Waste for a Circular Economy” by Former Emeritus Scientist, Chief Scientist & Head, Geochemistry Division CSIR - National Geophysical Research Institute (NGRI) was organised at Woxsen university.

Lecture on growing problem of electronic waste (e-waste) and Composition of e-waste and the presence of REEs in electronic devices, the environmental degradation caused by conventional REE mining methods. Comparison of environmental footprints between traditional mining and recycling processes, Exploration of emerging technologies and trends in the sustainable recovery of REEs was given to the students of Woxsen university.

4.3: ECO-FRIENDLY INNOVATIONS: CASE STUDIES ON SUSTAINABLE PRACTICES BY SCHOOL OF SCIENCE.

A Case Studies on Sustainable Practices" presents a collection of exemplary cases across diverse industries, illustrating the adoption of environmentally conscious solutions. The featured case studies showcased a spectrum of innovative approaches, including the integration of renewable energy sources, green building and design practices, waste reduction and recycling initiatives, and sustainable supply chain strategies. The book emphasizes the pivotal role of technology in advancing eco-friendly products and clean energy solutions. Additionally, it delves into community engagement, highlighting instances where businesses collaborate with local communities to foster environmental awareness. The impact of government regulations, policies, and consumer education on driving sustainability is explored, providing a holistic perspective on the multifaceted efforts required to achieve eco-friendly practices in various sectors. Through these real-world examples, the program served as a valuable resource for individuals and organizations seeking inspiration and insights into effective sustainable practices.

4.4: POSTER PRESENTATIONS ON NATIONAL MISSION ON GREEN AND RENEWABLE ENERGIES BY SCHOOL OF TECHNOLOGY.

The poster presentation by students displayed the "National Mission on Green and Renewable Energies particularly on MNRE's Progress" aimed to showcase the remarkable achievements and initiatives of the Ministry of New and Renewable Energy (MNRE) in India. This expo served as a platform for students, faculties, researchers, and the community to explore the transformative impact of green and renewable energies in India and foster a deeper understanding of the MNRE's mission.

This expo enhanced educational opportunities for students by exposing them to real-world case studies and increased awareness and understanding of renewable energy, contributing to a more sustainable future.

4.5: PAPER MASHE- CONVERTING WASTE PAPERS TO ARTWORK BY SUSTAINABILITY CLUB AND COE FOR HUMAN RIGHTS.

A Paper mashe workshop-Crafting for Change was organized collaboratively by the James AF Stoner Global Sustainability Club and the COE For Human Rights at Woxsen university. The students collected paper waste from students and faculty for over a week and the stacks of discarded posters, office waste, old newspapers, and notes served as the foundation for the creative journey during the workshop. Students and staffs actively participated in the workshop and created art work based on their creativity and while making the artwork the organisers interacted with the participants on sustainability topics and created a positive discussion among the participants on the sustainable future.

5. SUSTAINABILITY WEEK CELEBRATION DAY-5:

5.1: WEBINAR BY INDUSTRY EXPERT IN THE AREA OF RENEWABLE ENERGIES BY SCHOOL OF BUSINESS.

Dr. Varun Jyothi Prakash, a senior program manager at World Resource Institute (WRI), India has delivered an enlightening webinar on the future of electricity systems and the management of the same. He emphasised the role of management and business professionals in this evolving landscape that is moving towards achieving SDGs. He also stated that electricity systems are at a crucial juncture and require special attention from all the stakeholders involved.

5.2: WEBINAR ON FEMALE ENTREPRENEURSHIP: A SUSTAINABILITY PERSPECTIVE BY SCHOOL OF BUSINESS

Ms. Mounica Kavya and Mrs. Jyothi G. have delivered an impactful session on the importance of female entrepreneurship in this global economic landscape. They have discussed few critical factors that could potentially encourage young women to take up entrepreneurship and start up their own business. They have discussed many challenges that they have faced in their journey and explained how one could navigate these challenges.

5.3: AN EXHIBITION ON SUSTAINABILITY PROJECTS BY STUDENTS OF ARCHITECTURE.

The students of Architecture exhibited relevant work done during their coursework on sustainability week celebration. The Display included Architectural Design Studio project proposals aligning with sustainability goals, research & documentation on Vernacular architecture practices, Learnings from Hands-on workshops and models made using recycled materials. Sustainability aspects are integrated in the teaching-learning at SoAP for a holistic development of students."

5.4: AN EXPO/EXHIBITION ON "TURNING TRASH TO TREASURE BY SCHOOL OF SCIENCE.

The event served as a platform to promote eco-friendly practices and encourage the reuse of materials. The "Turning Trash to Treasure" event specifically aimed to Encourage students to repurpose waste materials creatively, Highlight the significance of sustainability in everyday life and demonstrate the potential of recycling in reducing environmental impact.

5.5: PANEL DISCUSSION ON "BLUE ECONOMY- WHETHER A CATALYST FOR INCLUSIVE ECONOMIC DEVELOPMENT "BY SCHOOL OF LAW

A Panel discussion was conducted online where topics on the potential linkages between blue economy, economic growth, port development, international relations and security, and ocean resource conservation were discussed and the need to develop technologies that enable deep sea mining, underwater vehicles and robotics, and the extraction of minerals from the sea were discussed and the need to fill the critical gaps in the fisheries infrastructure under taken by the Government of India in recent years has taken been discussed.

The discussion also happened on The Centrally Sponsored Scheme (CSS) – 'Blue Revolution: Integrated Development and Management of Fisheries' launched in 2015-16 with an outlay of Rs 3000 crores for

a period of 5 years but there are still gaps in fisheries infrastructure and how To address the critical gaps in the fisheries infrastructure and what could be the possible measures.

6. SUSTAINABILITY WEEK CELEBRATION DAY-6:

6.1: A TRIP TO KANHA SHANTI VANAM BY SUSTAINABILITY CLUB IN COLLABORATION WITH WELLNESS CENTRE & FINANCE STUDIO

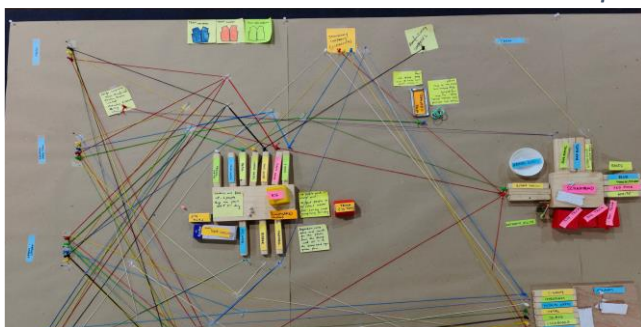
The visit to Kanha Shanti Vanam, the world's largest meditation center, was organized under the guidance of the wellness center counselor and James AF Stoner sustainability club, with a focus on providing a seamless experience for 38 students while maintaining therapeutic boundaries with students. Delegating responsibilities to volunteers ensured crowd management without compromising therapeutic relationships.

The event aligns with several Sustainable Development Goals (SDGs), including SDG 3 (Good Health and Well-being) through meditation practices, SDG 13 (Climate Action) by promoting sustainability and tree planting, and SDG 4 (Quality Education) through educational sessions on meditation and tree valuation.

Photo Gallery of Sustainability Week Celebration



Expo by Architecture Students



Mapping of Electronic waste



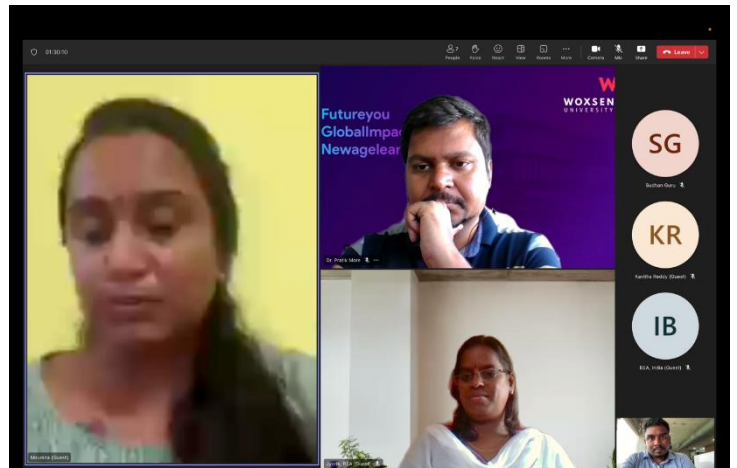
Sustainable fashion material



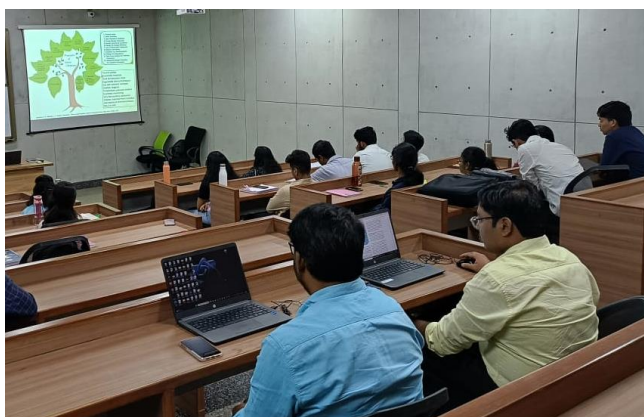
Paper Mache workshop by Sustainability Club and COE of human Rights



Pannel discussion on sustainability



Webinar on Female Entrepreneur



Session on sustainability



Lights Out at Woxsen university



Expo on turning Trash to Treasure



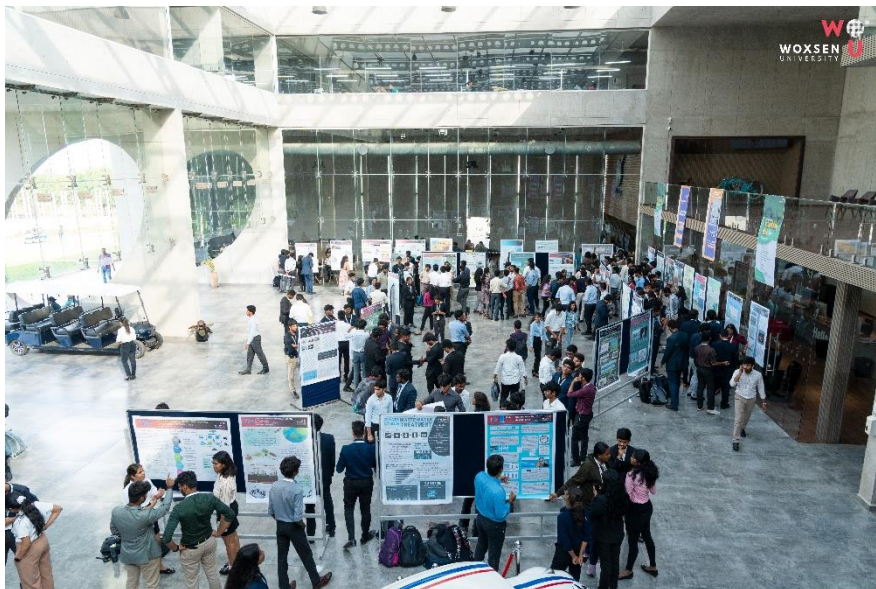
Moot court on Sustainability



Webinar on Law related to sustainability.



Marathon to create awareness on Sustainable future.



Poster presentation by School of Technology



Session on sustainability by School of Technology