

Community Outreach and Engagement Programs

Summary Report 2024–2025

1. Introduction

Woxsen University is committed to promoting social responsibility and sustainable development through a wide range of community outreach and engagement initiatives. As part of its institutional mission, the university actively organizes programs that support education, health awareness, environmental sustainability, and social development in surrounding communities.

These initiatives are implemented through collaborations between faculty members, students, administrative staff, and local partners, enabling the university to contribute to the wellbeing and development of nearby communities.

The outreach programs aim to extend the university's academic knowledge and institutional resources beyond campus to create positive social impact and inclusive community development.

These activities also support the university's commitment to the United Nations Sustainable Development Goals (SDGs), particularly:

- SDG 3 – Good Health and Wellbeing
- SDG 4 – Quality Education
- SDG 10 – Reduced Inequalities
- SDG 11 – Sustainable Cities and Communities
- SDG 12 – Responsible Consumption and Production

Through structured outreach initiatives, Woxsen University seeks to strengthen university–community partnerships while promoting sustainable and socially responsible practices.

2. Objectives of Community Outreach Initiatives

The university's outreach programs are designed with the following objectives:

- To promote educational access and skill development for underprivileged students and youth.
- To support community health awareness and preventive healthcare initiatives through medical outreach programs.
- To enhance environmental awareness and sustainable practices within local communities.
- To encourage student and faculty participation in community development activities.
- To strengthen the relationship between the university and local communities through collaborative engagement initiatives.

3. Key Community Outreach Programs

Woxsen University conducts a variety of outreach programs across different thematic areas, including education, health, environmental sustainability, and literacy.

Educational Outreach Programs

The university organizes educational initiatives aimed at supporting school students and youth in surrounding communities. These initiatives include:

- free tutorial sessions for school students
- mentoring and guidance programs for higher education preparation
- skill development workshops designed to improve employability skills
- awareness sessions on career opportunities and academic development.

These programs help students gain access to additional learning resources and support their academic growth.

Health and Wellbeing Programs

The university conducts health awareness initiatives and medical outreach programs to promote community wellbeing. These initiatives include:

- medical camps organized in collaboration with healthcare professionals
- health screening programs for local residents
- awareness campaigns on hygiene, nutrition, and preventive healthcare
- community engagement programs promoting mental and physical wellbeing.

Such programs contribute to improving health awareness and access to basic healthcare services in local communities.

Sustainability and Environmental Awareness Programs

Woxsen University actively promotes environmental sustainability through community engagement initiatives that encourage responsible environmental practices.

Key activities include:

- workshops on waste management and recycling practices
- awareness programs on water conservation and resource efficiency
- community discussions on environmentally responsible lifestyles

- sustainability education sessions conducted by faculty and students.

These initiatives aim to build environmental awareness and encourage sustainable practices among community members.

Reading and Literacy Programs

The university also promotes literacy and access to educational resources through reading and library outreach initiatives.

Activities include:

- mobile library programs serving nearby communities and schools
- reading sessions conducted for school children
- initiatives encouraging reading habits among young learners
- donation drives for books and educational materials.

These programs help foster learning opportunities and support literacy development among children.

4. Participation and Community Engagement

The outreach initiatives are implemented through active participation of faculty members and students across various schools of the university. Faculty members contribute their expertise to educational and sustainability programs, while students participate as volunteers in community engagement activities.

The university encourages student participation in outreach initiatives as part of its efforts to promote social responsibility, experiential learning, and community engagement.

These initiatives also strengthen partnerships with local schools, community organizations, and social institutions, creating opportunities for long-term collaboration and community development.

5. Impact and Outcomes

Through its community outreach programs, Woxsen University contributes to several positive outcomes, including:

- Increased access to educational support for school students in nearby communities
- Improved health awareness and preventive healthcare practices among community members
- Greater environmental awareness and adoption of sustainable practices

- Strengthened engagement between the university and local communities
- Opportunities for students and faculty to contribute to meaningful social impact initiatives.

These outreach programs demonstrate the university's commitment to serving society through education, sustainability, and community engagement.

6. Supporting Evidence

Detailed information on outreach initiatives, sustainability programs, and community engagement activities conducted by Woxsen University is documented in the institutional **Sustainability Report** attached here with.

The Sustainability Report provides further descriptions of outreach initiatives, sustainability activities, and institutional efforts to support community development.

7. Conclusion

Woxsen University continues to expand its outreach initiatives to promote education, health awareness, environmental sustainability, and social development within local communities. Through collaborative engagement between faculty, students, and community partners, the university strives to create a positive and lasting impact on society.

These initiatives reflect the institution's broader mission of promoting responsible leadership, sustainability, and community engagement as integral components of higher education.

Sustainability Report 2024–25

Reporting Period: 2024 –2025

1. Introduction

Woxsen University reaffirms its commitment to ethical growth, environmental responsibility, and inclusive development through this Sustainability Report for the calendar year 2024. Anchored in its Five Pillars – Research, Internationalization, Corporate Alignment, Ethics-Responsibility-Sustainability (ERS), and Entrepreneurship – the university integrates sustainable practices into academic curricula, operations, and community engagement.

This report captures institutional efforts across environmental, social, and governance (ESG) dimensions, aligned with the **United Nations Sustainable Development Goals (SDGs)**. It encompasses both operational performance and ERS-driven initiatives from all schools and Centres of Excellence, highlighting Woxsen’s progress toward a more equitable and sustainable future.

2. Sustainability Governance and Strategic Framework

Woxsen University operates through a structured sustainability governance model coordinated by:

- **Centre for Sustainability & Waste Management (COE-SWM)**
- **Centre for Diversity, Equity & Inclusion (COE-DEI)**
- **Centre for Energy & Water Management**

These centers drive institutional policies, awareness programs, audits, and data reporting related to energy, water, waste, and community welfare. The ERS framework ensures alignment of all academic and community activities with the UN SDGs.

3. Environmental Sustainability Performance

3.1 Water Management

Woxsen has implemented a comprehensive water management strategy guided by the Bureau of Indian Standards and NBC India (2016).

- **Per Capita Consumption:** 115 liters/person/day
- **Total Monthly Usage:** 16.48 million liters
- **STP Capacity:** 550 KLD (ECO 250 KLD + Sintex 300 KLD)
- **Recycling Efficiency:** 100% wastewater treated and reused

- 65% for gardening
- 35% for flushing
- **Reduction in Freshwater Use:** Approx. 30%

Linked SDGs: 6 (Clean Water and Sanitation), 12 (Responsible Consumption), 13 (Climate Action)

3.2 Rainwater Harvesting and Water Conservation

Woxsen's rainwater harvesting initiatives ensure groundwater recharge and stormwater management:

- 38 recharge pits
 - 3 swales
 - 10.5 million liters-capacity pond
- These installations support aquifer replenishment and enhance the campus's climate resilience.

Linked SDGs: 6, 13, 15

3.3 Energy Management and Renewable Integration

Woxsen University prioritizes energy efficiency and renewable generation through solar expansion and consumption optimization.

- **Total Power Consumption:** 2,869,380 kWh (Jun–Nov 2024)
- **Average Consumption:** 3.34 kWh/person/day
- **Solar Generation Capacity:** 747 kWp operational + 249 kWp under commissioning
- **Target:** 50% of campus energy from renewables by 2026

Linked SDGs: 7 (Affordable and Clean Energy), 9 (Industry, Innovation, and Infrastructure), 13 (Climate Action)

3.4 Waste Management and Circular Economy

As part of its zero-waste vision, Woxsen manages organic, inorganic, and hazardous waste streams through segregation, composting, and licensed vendor partnerships.

- **Daily Waste Generation:** 900 kg (food) + 50 kg (garden) + 10 kg (paper)
- **Annual Estimate:** 350 metric tonnes

- **Processing:** Composting and vendor recycling
- **Hazardous Waste:** Managed through Mahesh Garbage Collection (License No. 24)
- **Plastic Elimination:** Single-use plastics banned campus-wide since 2021

Linked SDGs: 11 (Sustainable Cities), 12 (Responsible Consumption), 13 (Climate Action)

4. Academic Integration and ERS-driven Learning

Each school at Woxsen integrates Ethics, Responsibility, and Sustainability principles into its academic framework.

School	Key ERS Initiatives 2024	Linked SDGs
School of Business	Faculty Development Program on Sustainable Business; “Vote for Future” civic engagement drive	4, 10, 16
School of Technology	“Mangrove Breakthrough” global webinar on blue carbon and coastal resilience	13, 14, 17
School of Arts & Design	Sustainable Fashion Workshops (Button Masala); Heritage preservation through photogrammetry	8, 11, 12
School of Architecture & Planning	Sustainable design courses and lake restoration projects for Hyderabad	6, 11, 13, 15
School of Law	Legal Aid and Gender Literacy Programs; UDAAN initiative	5, 10, 16
School of Sciences	Research on waste recycling, biodiversity, and environmental conservation	13, 14, 15

5. Community Outreach and Social Responsibility

Woxsen’s outreach programs emphasize inclusive growth and empowerment.

Category	Key Activities	Linked SDGs
Community Development	Needs Assessment in Maqdampalli Village; Digital Seed Initiative	3, 4, 8, 11
Health & Hygiene	Swasthya Mela health camps, Menstrual Hygiene drives	3, 5

Environmental Conservation	Seed Ball Initiative, Plantation Drives, Green Impact	13, 15
Education & Empowerment	Project Legacy – Girls’ Education; Rural IT Literacy	4, 10
Gender Equality & Inclusion	DEI Old Age Home Assessment; UDAAN for Muslim Women	5, 10, 16
Global Partnerships	Collaborations with Conservation International, Terralingua, British University in Egypt	17

6. Institutional Achievements (2024)

- 5,000+ beneficiaries across community projects
- 100+ sustainability-focused workshops conducted
- 60+ SDG-aligned research projects initiated
- 30% reduction in freshwater usage
- 80% reduction in single-use plastics since 2020
- 25% increase in on-campus solar generation capacity

7. SDG Mapping Summary

Woxsen’s sustainability framework directly advances the following SDGs:

- **Primary:** 3, 4, 5, 6, 7, 11, 12, 13, 15, 16, 17
- **Secondary:** 1, 8, 9, 10, 14

All major academic and outreach programs have been mapped against these SDGs through the ERS framework.

8. Future Commitments (2025 Roadmap)

- Develop a **Carbon Footprint Inventory** for the entire campus.
- Achieve **Net-Zero Water Discharge** through expanded STP capacity.
- Attain **50% renewable energy sourcing** by 2026.
- Launch **University-wide Sustainability Literacy Certification**.
- Publish **Annual Green Audit 2025**.

9. Conclusion

Woxsen University continues to evolve as a sustainability-driven institution by integrating environmental efficiency, academic innovation, and social impact. Through operational excellence, academic integration, and community engagement, Woxsen aligns its vision with the **UN 2030 Agenda for Sustainable Development**, reaffirming its role as a catalyst for ethical, responsible, and sustainable growth.

Wastage Management Report

1. Overview

Woxsen University is committed to sustainable practices and efficient waste management to minimize environmental impact. This report outlines the current waste management practices and future plans for improvement.

2. Current Waste Management Practices

Engagement with Vendor

- Woxsen University partners with **M/s. Mahesh Garbage Collection** (an authorized vendor in Kamkole GP, License No. 24) for waste management.
- The vendor collects various types of waste and converts food and garden waste into vermicompost.

Types and Quantities of Waste Generated

- **Food Waste:** Approximately **900 kg/day**.
- **Garden Waste:** Approximately **50 kg/day**.
- **Paper and Carton Waste:** Approximately **10 kg/day**, generated primarily from academic activities.

Waste Collection and Disposal

- **Food and Garden Waste:** Collected daily by M/s. Mahesh Garbage Collection.
- **Paper and Carton Waste:** Stored and sold to scrap vendors monthly.

3. Solid Waste Management Practices

Segregation at Source

- Dustbins across the campus are segregated into categories for **Paper, Plastic, Food,** and **Toilet Waste** to ensure efficient disposal.



Specific Waste Management Initiatives

- **Paper:**
 - Minimizing usage through digital paperwork and softcopy submissions.
 - Official documents are processed via **DocuSign** for digital signatures.
- **Plastic:**
 - Avoiding single-use plastics in classrooms, hostels, food zones, and labs.
 - Replacing disposables with eco-friendly alternatives, including bamboo plates, wooden spoons, and paper cups.
 - Plans to procure a **plastic-brick making machine** to recycle plastic into reusable bricks.





- **Food:**
 - Encouraging the "Take all you can eat, but eat all you take" approach.
 - Preparing meals incrementally during serving times to minimize waste.
 - Ergonomically designed plates to promote portion control.
 - **Food Waste Tracking:**
 - Waste is weighed after every meal and displayed on an awareness board.
 - Posters around the dining hall encourage responsible consumption.
 - **Future Plan:** Procure a **250 kg/day composter with an in-built shredder** to process biodegradable waste into compost for campus flora.
- **Sanitary Napkins:**
 - Disposal bins are placed in all ladies' washrooms.
 - Plans to procure a **sanitary napkin incinerator** with a capacity of **120 napkins/day**.



- **Other Waste (Metal, Wood, Scrap, Cloth):**
 - Sold to tied-up external vendors for reuse.

Central Waste Management

- An **exclusive waste yard** has been allocated, strategically located to avoid negative impacts on the campus and nearby community.
- **Mini electric garbage vans** operate on a fixed schedule to collect and transport waste to the yard.



4. Future Initiatives

Vermicomposting Facility

- Plan to establish an on-campus vermicomposting facility to:
 - Convert food and garden waste into nutrient-rich compost.
 - Reduce dependency on external vendors.
 - Utilize compost for maintaining campus gardens.

Expected Benefits

- Significant reduction in waste sent off-site.
- Cost savings on landscaping and gardening.
- Contribution to a circular economy by utilizing waste efficiently.

5. Conclusion

Woxsen University's proactive approach to waste management demonstrates its commitment to sustainability. Current practices and proposed initiatives, such as the vermicomposting facility, will ensure that waste is managed responsibly while contributing to the university's green initiatives.

Rainwater Harvesting Initiatives

To conserve rainwater and recharge groundwater, Woxsen University has implemented 38 strategically placed rainwater harvesting pits across campus. These pits are connected to a waterline that collects rainwater from building terraces. Additionally, wastewater from reverse osmosis (RO) systems and filter machines is redirected to these rainwater pits, ensuring minimal wastage.



Rainwater Harvesting Pit Details:

1. Parking Area:

- Total Pits: 8
- Total Depth: 76 ft

S.No	Name	Depth of Pit	Quantity	Total Depth
1	Pit 1	10 ft	1	10 ft
2	Pit 2	11 ft	3	33 ft
3	Pit 3	10 ft	1	10 ft
4	Pit 4	11 ft	1	11 ft
5	Pit 5	6 ft	2	12 ft

2. Admin to Sub-station:

- Total Pits: 25
- Total Depth: 302 ft

S.No	Name	Depth of Pit	Quantity	Total Depth
1	Pit 6	5 ft	2	10 ft
2	Pit 7	8 ft	1	8 ft
3	Pit 8	6 + 7 ft	1 + 1	13 ft
4	Pit 9	6 + 7 ft	1 + 1	13 ft
5	Pit 10	7 ft	2	14 ft
6	Pit 11	15 ft	2	30 ft
7	Pit 12	15 ft	2	30 ft
8	Pit 13	15 ft	2	30 ft
9	Pit 14	15 ft	2	30 ft
10	Pit 15	15 ft	2	30 ft
11	Pit 16	17 ft	2	34 ft
12	Pit 17	15 ft	2	30 ft
13	Pit 18	15 ft	2	30 ft

3. Hostel Area:

- Total Pits: 5
- Total Depth: 33 ft

S.No	Name	Depth of Pit	Quantity	Total Depth
1	Pit 19	8 ft	2	16 ft
2	Pit 20	5 ft	2	10 ft
3	Pit 21	7 ft	1	7 ft

Grand Totals:

- Total Pits: 38
- Total Depth: 411 ft

Volume per Pit:

Average Depth per Pit : $(38 \text{ pits}) / 411 \text{ feet} = 10.82$ feet per pit.

Average Volume per Pit = 135.7 cubic feet per pit.

Total Volume = 135.7 X 38 Pits = 5157.2 cubic feet.

Conversion Cubic Feet to Liters:

- **Single Pit:**

135 cubic Feet X 28.3168 Liters / Cubic Feet = 3,823 Liters

3,823 Liters X 0.30 (Porosity) = 1,147 Liters

- **Total 38 Pits:**

5157.2 cubic Feet X 28.3168 Liters / Cubic Feet = 1,45,265 Liters

1,45,265 Liters X 0.30 (Porosity) = 43,580 Liters

Swales for Residential Towers

Each residential tower (Tower-1, Tower-2, and Tower-3) is equipped with swales on all four sides, designed to infiltrate rainwater and recharge groundwater. The dimensions of the swales for each tower are:

- **East & West sides:** 15 meters long, 3 meters wide, and 2 meters deep each (90 cubic meters per side).
 - **North & South sides:** 85 meters long, 2 meters wide, and 2 meters deep each (340 cubic meters per side).
-

Total swale volume per tower:

- **Single Tower Volume:** 860 cubic meters (including all sides).
- **Total Volume for Three Towers:** 2,580 cubic meters

Conversion to Liters (considering porosity 30%):

- **Single Tower:**

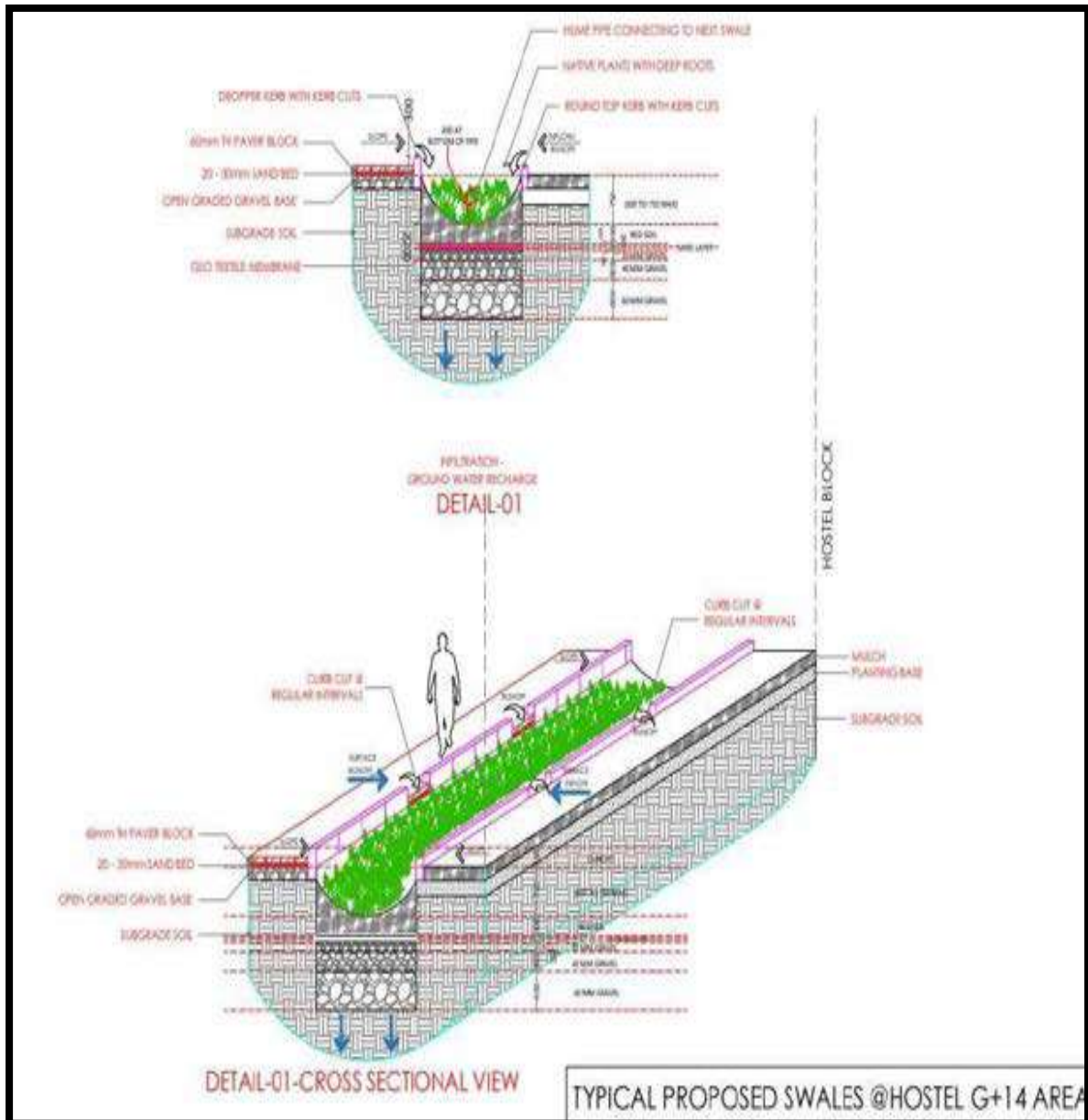
860 cubic Meters X 1000 Liters / Cubic Meter = 8,60,000 Liters

8,60,000 Liters X 0.30 (Porosity) = 2,58,000 Liters

- **All Three Tower :**

2580 cubic Meters X 1000 Liters / Cubic Meter = 25,80,000 Liters

25,80,000 Liters X 0.30 (Porosity) = 7,74,000 Liters



Pond for Rain water Harvesting:

Woxsen University, spread over 200 acres, has implemented a sustainable water management initiative through the construction of a rainwater harvesting pond. This report outlines the key features, storage capacity, and the impact of the pond located in the slopiest area of the campus to collect rainwater efficiently.

Water Storage Capacity of the Pond:

- Area of Pond: 2767 m²
- Depth of Pond: 25 feet=7.62 meters
- Porosity: 50% (relevant for effective water storage).

The total volume is calculated using the formula:

$$\text{Volume} = 2767 \text{ m}^2 \times 7.62 \text{ m} = 21,085.54 \text{ m}^3$$

$$\text{Volume in Liters} = 21,085.54 \text{ m}^3 \times 1000 = 21,085,540 \text{ liters}$$

Since the soil has 50% porosity, the effective storage capacity is:

- Effective Storage = Total Volume X Porosity
- Effective Storage = 21,085,540 liters X 0.5=10,542,770 liters

Final Storage Capacity:

- **Total Volume:** 21,085,540 liters
- **Effective Storage Capacity (with Porosity):** 10,542,770 liters



Emission Report

Period: Jan 2024 to Dec 2024

1. General Formula for Emission Sources

Emissions (tCO₂e) = Activity Data × Emission Factor

- **Activity Data:** The quantity of fuel used, electricity consumed, distance travelled, etc.
- **Emission Factor:** The amount of CO₂e emitted per unit of activity (varies by fuel type, electricity grid mix, etc.).

2. Total Scope 1 and 2 Emissions (tCO₂e)

Scope 1 Emissions:

Direct emissions from sources owned or controlled by the university (e.g., fuel combustion in vehicles, boilers, or generators).

- Diesel/Petrol Consumption: 36,787 Liters
- LPG Gas Consumption: 85,000 kg

Emission Factors:

- Diesel: 2.68 kg CO₂e per liter
- LPG Gas: 3.00 kg CO₂e per kg

Calculation:

- Diesel/Petrol: 36,787 liters × 2.68 kg CO₂e/liter = 98,589 kg CO₂e (98.6 tCO₂e)
- LPG Gas: 85,000 kg × 3.00 kg CO₂e/kg = 255,000 kg CO₂e (255.0 tCO₂e)
- Total Scope 1 Emissions: 98.6 + 255.0 = 353.6 tCO₂e

Scope 2 Emissions:

Indirect emissions from purchased electricity, steam, heating, and cooling.

- Electricity Consumption: 5,478,978 kWh
- Emission Factor (Telangana Grid): 0.716 kg CO₂/kWh

Calculation:

- 5,478,978 kWh × 0.716 kg CO₂e/kWh = 3,923,664 kg CO₂e (3923.6 tCO₂e)

Total Scope 1 + 2 Emissions:

- 353.6 + 3923.6 = 4,277.2 tCO₂e

3. Scope 3 Emissions (tCO₂e)

Scope 3 includes indirect emissions from activities such as employee commuting, business travel, waste disposal, and supply chain.

Employee Commuting Data:

- **Employees commuting by Car:** 50
- **Employees commuting by Bike:** 150
- **Employees commuting by Coach Bus:** 100
- **Employees commuting by Public Transportation:** 100
- **Total Day Scholars (Staff):** 400

Emission Factors (kg CO₂e per km)

Vehicle Type	Fuel Type	Emission Factor (kg CO ₂ e/km)
Medium Motorcycle (150-500cc)	Petrol	0.10
Car (Small/Compact)	Petrol/Diesel	0.15
Coach Bus (30-40 seats)	Diesel	0.04
City Bus (Public Transport) (40-60 seats, high occupancy)	Diesel	0.045

Calculation:

- **Motorcycle Commuters:** 150 employees × 40 km/day × 200 days × 0.10 kg CO₂e/km = **120,000 kg CO₂e (120 tCO₂e)**
- **Car Commuters:** 50 employees × 40 km/day × 200 days × 0.15 kg CO₂e/km = **60,000 kg CO₂e (60 tCO₂e)**
- **Coach Bus Commuters:** 100 employees × 40 km/day × 200 days × 0.04 kg CO₂e/km = **32,000 kg CO₂e (32 tCO₂e)**
- **Public Transport Bus Commuters:** 100 employees × 40 km/day × 200 days × 0.045 kg CO₂e/km = **36,000 kg CO₂e (36 tCO₂e)**

Total Scope 3 Emissions: 120 + 60 + 32 + 36 = **248 tCO₂e**

4. Baseline Year: 2020

Woxsen University began recording emissions in 2020, making this the baseline year for tracking progress.

Total Scope 1 & 2 for Baseline Year (2020):

- **Electricity Consumption:** 630,240 kWh
- **Diesel/Petrol Consumption:** 10,000 liters

Scope 1 Emissions: 10,000 liters × 2.68 kg CO₂e/liter = 26,800 kg CO₂e (26.8 tCO₂e)

Scope 2 Emissions: 630,240 kWh × 0.716 kg CO₂e/kWh = 451,252 kg CO₂e (451.2 tCO₂e)

Total Scope 1 + 2 Emissions for 2020: 26.8 + 451.2 = **478 tCO₂e**

5. Energy Generated from Renewable Sources (kWh):

Woxsen University has installed solar panels; energy generation calculations depend on the installed capacity and efficiency.

(Refer to the Power Consumption Report for detailed information.)

6. Water Consumption (m³/Day):

- **Total Water Consumption:** 549,470 liters
- **Converted to m³:** 549,470 liters ÷ 1,000 = **549.47 m³**

7. Energy Consumption (kWh/year):

- **Total Energy Consumption:** **5,478,978 kWh**

(For further details, refer to the relevant reports.)

Power Consumption Report

Period: June 2023 to May 2024

1. Introduction

Woxsen University is committed to energy efficiency and sustainability. To optimize power consumption, the university has implemented 100% LED lighting with motion sensors in all corridors and common areas. Additionally, a 327 kWp solar setup is operational, and a 420 kWp solar setup is currently under commissioning to further enhance energy sustainability. The university continues to benefit from the adoption of energy-efficient VRV (Variable Refrigerant Volume) HVAC technology introduced last year, which has yielded significant energy savings.

This report provides a comprehensive breakdown of power usage per person, total monthly consumption, and backup power infrastructure.

2. Monthly Power Consumption Overview

S No	Month	Recorded Units (kWh)
1	Jun-23	191,638
2	Jul-23	221,198
3	Aug-23	411,856
4	Sep-23	457,154
5	Oct-23	430,313
6	Nov-23	398,332
7	Dec-23	336,198
8	Jan-24	345,741
9	Feb-24	408,704
10	Mar-24	437,048
11	Apr-24	478,432
12	May-24	322,103
Total Consumption		4,438,717 kWh
Average Monthly Consumption		369,893 kWh

3. Cooling Systems Overview

Woxsen University continues to integrate energy-efficient VRV HVAC technology into new building designs while retaining existing split units for cost-efficiency. Detailed insights into energy savings and sustainability benefits are documented in the HVAC System Report.

4. Daily Power Consumption Breakdown (Per Person)

- **Total Population:** 3,647
- **Total Annual Consumption:** 4,438,717 kWh
- **Average Monthly Consumption:** 369,893 kWh
- **Average Daily Consumption:** 12,165 kWh
- **Per Person Daily Power Consumption:**
 $12,165 \text{ kWh} \div 3,647 \text{ people} = \mathbf{3.34 \text{ kWh (Units)}}$ per person per day

5. Backup Power Supply (DG Set Details)

Woxsen University maintains a robust Diesel Generator (DG) backup system to ensure uninterrupted power supply. The details are as follows:

Allotted Buildings	DG Set Capacity (KVA)
Ladies' Hostels	250 KVA
Gents' Hostels & Sports Facility	500 KVA
Academic Buildings & Cafeteria	380 KVA
Total DG Backup Capacity	1,130 KVA

These DG sets support critical operations during power outages, ensuring continuity in academic and residential activities.

6. Sustainability Initiatives

Woxsen University continues to implement several sustainability measures to optimize power consumption:

- **100% LED Lighting & Motion Sensors:** Continued usage of Led Lighting & sensors in building design stage, ensuring ongoing energy savings.
- **327 kWp Solar Setup:** Fully operational, providing significant renewable energy, additional **420 kWp Solar Setup** Currently under commissioning to further enhance solar energy generation.
- **VRV HVAC Technology:** Continued usage of VRV systems in building designs, ensuring ongoing energy savings.
- **Solar Water Heating Systems:** Solar water heaters have been installed on the rooftops of hostel buildings. These systems provide a sustainable solution for hot water needs throughout the year and contribute to the reduction of the University's carbon footprint.

7. Conclusion

Woxsen University follows a structured approach to power management and sustainability. With an average monthly power consumption of 369,893 kWh (Units) and a per-person daily usage of **3.34 kWh** (Units), the university ensures efficient energy utilization. The commissioning of the 420 kWp solar setup will further reinforce Woxsen University's commitment to sustainability and responsible energy management.

The continued usage of VRV systems ensures ongoing energy efficiency without incurring unnecessary replacement costs. Additionally, the DG backup system enhances operational reliability, while sustainability initiatives contribute to long-term energy conservation.

Led Lights & Motion sensors



327 kWp Solar Setup (Phase -1)



420 kWp Solar Setup (Phase -2)





VRV Units:



Water Heaters



GREEN AUDIT REPORT
2024-2025
WOXSEN UNIVERSITY



Assessed By: Global Management Certification Services Pvt. Ltd.

Approved By: Chairman, Green Audit

Green Audit Assessment Team

K.V.Murthy- Lead Auditor



K.S.N.prasad- Lead Auditor



A.Rekha Purnima- Lead Auditor



P.Yadgiri- Lead Auditor



Ch.Ramarao- Lead Auditor



CONTENTS

S No.	Titles/Topics	Page No.
1	INTRODUCTION	4
2	OBJECTIVES	4
3	METHODOLOGY	5
4	ABOUT THE UNIVERSITY	5
5	VISION & MISSION STATEMENT	6
6	GREEN AUDITING	6
7	OBSERVATIONS	7
8	LAND USE ANALYSIS ATWOXSEN UNIVERSITY (AS ON 29-10-2019)	7
9	GEOGRAPHICAL LOCATION WITH CAMPUS MAP IN SCALE	7
10	TREE DIVERSITY OF WOXSEN UNIVERSITY	13
11	FAUNAL DIVERSITY IN WOXSEN UNIVERSITY	18
12	WEATHER DATA OF WOXSEN UNIVERSITY	23
13	AIR QUALITY OF WOXSEN UNIVERSITY	24
14	WATER ANALYSIS REPORT OF WOXSEN UNIVERSITY	26
15	NOISE LEVEL IN THE SURROUNDING OF WOXSEN UNIVERSITY	28
16	WASTE DISPOSAL AT WOXSEN UNIVERSITY	31
17	TRANSPORTATION AT WOXSEN UNIVERSITY	32
18	ELECTRICAL POWER CONSUMPTION AT WOXSEN UNIVERSITY	33
19	EXPENDITURE ON GREEN INITIATIVES DURING THE LAST FIVE YEARS	37

INTRODUCTION:

Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of institute. It aims to analyze environmental practices within and outside of the concerned place, which will have an impact on the eco-friendly atmosphere. Green audit is a valuable means for a university to determine how and where they are using the most energy or water or other resources; the University can then consider how to implement changes and make savings. It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students with a better understanding of green impact on campus. If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. Thus, it is impessrative that the University evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the Green Campus for the institutes which will lead to sustainable development and at the same time reduce the sizable amount of atmospheric CO₂ from the environment. The National Assessment and Accreditation Council, New Delhi (NAAC) has made it mandatory that all Higher Educational Institutions should submit an annual Green Audit Report. Moreover, it is part of the Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through carbon footprint reduction measures.

OBJECTIVES:

In recent time, the Green Audit of an institution has been becoming a paramount important for self-assessment of the institution which reflects the role of the institution in mitigating the present environmental problems. The University has been putting efforts to keep our environment clean since its inception. Therefore, the purpose of the present green audit is to identify, quantify, describe and prioritize the framework of Environment Sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are:

- To map the Geographical Location of the University
- To document the floral and fauna! diversity of the University
- To record the meteorological parameter of university
- To document the ambient environmental condition of weather, air, water and noise of the University
- To document the waste disposal system
- To estimate the Energy requirements of the University
- To report on the expenditure on green initiatives during the last five years

METHODOLOGY:

The purpose of the green audit of WOXSEN University is to ensure that the practices followed in the campus are in accordance with the Green Policy of the country. The methodology includes collection of data, physical inspection of the campus, observation and review of the documentation and data analysis.

ABOUT THE UNIVERSITY:

Woxsen was established in 2014 by Praveen K Pula, with a vision 'To build an institution of excellence in higher learning led through disruption, develop a multi-cultural yet inclusive cohort of global professionals and contribute towards societal welfare'. The institution is backed by 4 core pillars of applied learning, academic excellence, global outlook and diversity-inclusivity.

Woxsen gained the reputed University status in 2020 and has been successfully accredited by NBA, AICTE, COA & The Bar Council of India alongside having international memberships with AACSB, AMBA, AMDISA, EFMD, RRBM, PRME, GRLI and GBSN.

Pinakin Educational Trust works as the sponsoring and managing body of Woxsen University.

Woxsen was pioneered with the Business school and has exponentially expanded into 6 additional schools - Arts & Design instituted in 2016, Architecture & Planning in 2019, Technology in 2020, Liberal Arts & Humanities and Law in 2022, with School of Sciences in 2023. It offers UG, PG and Doctoral programs with Executive Education and Certification courses.

Woxsen University has been consistently ranked in top positions by the Times. Outlook, B-School, IIRF, BusinessWorld, PRME and other prestigious bodies, including achieving the highest level of 5 in the Global Positive Impact Rating for its positive social impact and sustainability endeavors and being declared as a Principles for Responsible Management Education Champion 2023.

With prime focus on internationalization, the university has 10+ international partners spread across more than 40+ countries offering opportunities for student & faculty exchange, research collaboration, lecture series, global forums, corporate projects, dual degrees, progressive studies, centers of excellence and many more.

Embracing the entrepreneurial spirit, Woxsen has set up the Trade Tower, an incubation Centre that induces, guides, refines and funds potential in-house startups.

ACHIEVEMENTS OF THE UNIVERSITY

2014

- Woxsen School of Business established with PGDM & PGPXP(Executive) Programs
- Acquired Accreditation by AICTE, Govt. of India.
- Launched 'Woxsen Trade Tower' - Business Incubation and Investment Centre to Encourage Entrepreneurship Amongst Students.

2015

- Launched Centre for Executive Education and Consulting (CEEC), bringing both Nationally Acclaimed and International Faculty from Harvard, Oxford, Wharton & Purdue, to name a few.
- Launched innovative and tailor-made - Custom and Open Programs.
- Acquired Global Immersion Partnerships with Nanyang Technological University, Singapore (QS World University Rank 11) & Mannheim Business School, Germany (FT Global Rank 27).

2016

- Ranked TOP 25th B-School by ASIA Inc.
- Member of AMDISA, the only association that networks management development institutions across South Asian Nations
- Established Woxsen School of Arts & Design, 4 Year B. Des Degree and Global Immersion Partnership with Nanyang Technological University, Singapore.
- Successfully Launched 'Ormeal Foods', a Well-Structured business idea by Woxsen Students, through Woxsen Trade Tower.

2017

- Youngest B-School to be conferred With Prestigious memberships by the two largest global accreditation bodies in business education - AACSB (USA) and AMBA (UK).

2019

- Forayed into disruptive technology with the launch of PGDM-Business Analytics, Artificial Intelligence & Machine Learning program.
- Acquired the Accreditation by NBA, Govt. of India (PGDM 2019-2021).
- Ranked 3rd All India Top Private Design School by IIRF, Education Post.
- Ranked 4th Top Private B-School in the entire South Region by Business World.
- Ranked 11th All India Top B-School by IIRF, Education Post.
- Launched Artificial Intelligence (AI) & Robotics Lab on Campus.
- Established Woxsen School of Architecture & Planning with COA approved 5-Year B. Arch Degree

2020

- Woxsen University was established. One of the First Private Universities in Telangana State
- Ranked 2nd Top Emerging BBA College in India by Outlook

Green Audit Report, WOU

- Ranked 2nd Top Private Design Institute in India by IIRF, Education Post
- Ranked 4th Top Private B-School in South Region, India by Business World
- Ranked 8th Top B-School in India by IIRF, Education Post
- Ranked 8th National Impact, Top 50 Private Universities in India by IIRF, Education Post
- Ranked 15th Top Private B-School for Executive MBA in India by Business World
- Ranked 16th Top Private B-School in India by Business World
- World Woxsen Forges Global Partnership with 12+ World's Leading Universities for International Exchange Program

2021

- Ranked 4th Top Private University in India by Times B-School Ranking
- Ranked 14th Top 100 B-Schools in India by Times B-School Ranking
- Launch of "Bloomberg Finance Lab"
- Launch of First Edition of #AIKP2021 International Conference
- Launch of India's largest Learning Centre - Vithal Gandhi Centre (Central Library)
- Launch of International Standard "Mega Sports Complex"
- Acquired New International Memberships by RRBM, PRME, and GRLI

2022

- Highest Level 5 – Pioneering Schools in Positive Impact Rating
- Debuted in Dalal Street Journal's list of Top B-School beyond IIMS
- Rank 16 All India Top Pvt. B-Schools, BusinessWorld 2022
- Successfully completed Woxsen-Monmouth Elevate Program
- Reached the mark of 90+ Global Partner Universities
- Launched 50+ Centers of Excellence
- Launched 200+ Fellowship & Chair Professorships

2023

- Woxsen's MBA program is EFMD Global Accredited, putting it in the league of Top 1% of B-Schools worldwide to get this recognition
- Rank 12 in All India Top 100 B-Schools, Times B-School Ranking 2023
- All India Rank 2 among the Top Pvt. Design Schools of India, IIRF Best Design Colleges Ranking 2023
- Received The Most Coveted Campus Transformation Award 2023 by Coursera
- Featured 2 Years in a row in Dalal Street Journal's list of Top B-School beyond IIMS

Green Audit Report, WOU

- Exceeded the mark of 120+ Global Partner Universities
- Launched ICC Standard Cricket Ground
- Acquired New International Membership by ISCN
- Honored with Student's Choice Award 2022-23 by Career Guide
- Inauguration of Asia's most exquisite Indoor Sports Stadium, SportX by World Badminton Champion, PV. Sindhu
- Acquired International Membership of Business Graduates Association (BGA)
- MBA Program is Ranked by QS Business Masters' World Rankings, 2024 standing alongside some of the most revered institutions in India and other global counterparts
- MBA (Business Analytics) ranked Top 101+ globally, 13th in Asia, and 3rd in India by QS Business Masters World Ranking 2024
- MBA (Financial Services) ranked Top 151+ Worldwide, 14th in Asia, 2nd in India by QS Business Masters World Ranking 2024
- MBA (General) ranked Top 151+ Worldwide, 27th in Asia, 17th in India by QS Business Masters World Ranking 2024
- Ranked 15th in Top Pvt. B-Schools category by Business World
- Inauguration of Moot Court by Narasimha Reddy, Chairman - Bar Council of Telangana

2024

- Ranked #11, Top Private B-schools in India, Business World Ranking 2024
- Ranked #20, Top B-Schools in India, Business World Ranking 2024
- Selected as PRME champion, among 47 Business Schools Globally
- School of Business recognized among India's Best Business Schools Beyond IIMs in the January 2024 issue of Dalal Street Investment Journal
- Ranked 12 in All India Top Pvt. B-Schools by IIRF
- Ranked 11 in All India Top 100 B-Schools by Times B-School Ranking
- Ranked 2 in All India Top Private Design Institute by IIRF, Education Post
- MBA (Business Analytics) ranked Top 101+ globally, 09th in Asia, and 2nd in India by QS Business Masters World Ranking 2024
- MBA (Financial Services) ranked Top 151+ Worldwide, 13th in Asia, 01 in India by QS Business Masters World Ranking 2024
- MBA (General) ranked Top 151+ Worldwide, 19th in Asia, 07th in India by QS Business Masters World Ranking 2024
- Rank #8 All India Top 50 State Private Universities, Outlook I Care University Rankings 2024
- Rank #6 Best Business School Rankings (Asia Pacific), Bloomberg 2024 - 2025
- Rank #3 Best Business School Rankings (India), Bloomberg 2024 - 2025
- Launch of R.A.C.E, Asia's Finest Sports Excellence at Woxsen University

Green Audit Report, WOU

- #3 All India Top 30 Pvt. Institutes, B.Arch., School of Architecture & Planning, Outlook I Care Rankings, 2024
- #3 All India Top 25 Pvt. Institutes, B. Des (Hons.) Fashion Design, School of Arts & Design, Outlook I Care Rankings, 2024
- #12 All India Top 130 Institutes, BBA, School of Business, Outlook I Care Rankings, 2024
- #20 All India Top 160 Pvt. Institutes, B. Tech, School of Technology, Outlook I Care Rankings, 2024
- Prestigious 3-Palme Recognition by Ed universal for School of Business

Besides quality academia, the sprawling 200-acre campus complements holistic development with its world-class infrastructure, unmatched facilities, fully equipped labs, international sports arena and expansive library.

With 100% placement track-record in its flagship programs, Woxsen is a name to reckon with amongst recruiters representing leading corporates.

The institution's strength lies in its history & ethos: rejecting the status quo, redefining" learning methodologies and shaping real-world professionals. Woxsen is all set to revolutionize the educational realm of India for the better!

VISION & MISSION VISION STATEMENT:

OUR VISION

- To build an institution of excellence in higher learning led through disruption, develop a multi-cultural yet inclusive cohort of global professionals and contribute towards societal welfare.

OUR MISSION

- To innovate & transform the conventional educational processes through the application of knowledge, research and industry feedback to further scale up community benefits

GREEN AUDITING:

The University has adopted the 'Green Campus' system for environmental conservation and sustainability. There are three main pillars i.e. zero environmental footprint, positive impact on occupant health and performance and 100% graduates demonstrating environmental literacy. The goal is to reduce CO2 emission, energy and water use, while creating an atmosphere where students can learn and be healthy.

SUSTAINABILITY POLICY

PURPOSE:

To reaffirm Woxsen University's commitment to prioritize the well-being and protection of environment within and beyond the campus by being mindful of its activities and taking up initiatives that contribute to environmental welfare and minimizing any detrimental impact, carbon footprint, global warming and exploitation of resources.

This policy will outline the university's sustainability objectives and implementation.

OBJECTIVES:

The university would adhere to its commitment to support and execute the following sustainability objectives:

EDUCATION AND CULTURE:

- Educate all stakeholders of the university about sustainable practices and promote eco-literacy by ensuring active participation of the university community in sustainable initiatives.
- Integrate sustainability learning as a part of the academic course curriculum.
- Establish clubs and Centers of Excellence dedicated towards the promotion, initiation and implementation of sustainable practices.
- Raise awareness among university residents about the university's environmental impact, activities and contribution of the individual, university and community.

ENERGY AND WATER:

Green Audit Report, WOU

- Taking measures to promote resource efficiency and minimize usage of limited natural resources like water, energy and petroleum products by insisting on conservation, reduction of waste and adoption of power-efficient, water-efficient and petroleum-free practices, while focusing on the use of renewable sources such as solar energy.
- To foster zero waste concepts (rethink, reduce, reuse, recycle) to minimize use of natural resources, minimize waste and adopt efficient waste disposal practices.

Carbon Emissions and Transport:

- Reduce carbon footprint associated with energy, water, travel and waste by taking appropriate methods and aiming at a carbon neutral campus by 2026 and net zero campus by 2030.
- Restrict use of emission producing vehicles on campus beyond the main gate parking and alternatively using E-vehicles, cycles, skateboards or walking.

Construction and Infrastructure:

- Architecturally structure and construct buildings that are in line with green building concept that promote daylight savings, minimal paint usage (to reduce the negative environmental effects of paint such as toxic emission of chemicals and volatile organic compounds (VOCs)) and maximize space utility.
- To plan extensive landscaping within and around every building.

Procurement:

- To focus on sustainable procurement practices that support the purchase of sustainable goods and services from responsible contractors, vendors and suppliers.
- To invest in machinery or methods that would complement sustainability goals.

Food:

- To reduce kitchen wastage by monitoring ingredient usage and preparing food as per demand on a continuous basis rather than single bulk preparation.
- To encourage consumers to minimize wastage via awareness campaigns.
- To convert food waste into compost that may be used to fertilize the campus flora.

Waste Management:

- Waste prevention is a first step, following proper and efficient waste management by adopting the best practices; to reduce, reuse, recycle or safely segregate and dispose of produced waste, while ensuring compliance with all legal requirements.

Greenery:

Green Audit Report, WOU

- To create a verdant environment with extensive landscaping that is well-maintained and spread across the campus, while adopting efficient irrigation techniques.

IMPLEMENTATION:

This policy is communicated to all employees in an appropriate and meaningful manner. Woxsen has appropriate systems and processes in place to ensure compliance with the policy and with statutory provisions, including the processing of grievances for redressal.

Compliance will be regularly monitored and evaluated by the Ethics and Sustainability Committee (ESC). The initiatives taken up under sustainability will be reviewed by the management every quarter.

SUSTAINABILITY REPORT

1. Overview

Woxsen University is dedicated to promoting environmental sustainability and implementing eco-conscious practices across its campus. The university continues to invest in sustainable construction, innovative solutions for energy conservation, and educational initiatives that foster environmental responsibility.

2. Eco-Friendly Building Practices

As part of its commitment to sustainability, Woxsen University has adopted several environmentally conscious measures during the construction and maintenance of its campus buildings:

- **Cement-Based Paints:**

- Woxsen University has opted to use cement-based paints, such as Birla White Cement, instead of conventional organic paints. Organic paints often release significant emissions during manufacturing and application, negatively impacting the environment. Cement-based paints provide an eco-friendlier alternative, aligning with the university's commitment to sustainability.

- **Heat-Resistant Coatings:**

- The application of heat-resistant coatings on building surfaces reduces internal temperatures, thereby lowering the dependence on HVAC systems. This contributes to significant power savings and a reduction in carbon emissions.

3. Educational and Awareness Initiatives

Woxsen University places a strong emphasis on raising awareness about environmental sustainability among students, faculty, and the broader community through various initiatives:

- **Seminars and Webinars:**

- Experts and thought leaders are invited to conduct sessions on sustainable practices, green technologies, and environmental challenges.

- **Photo Gallery of Sustainability:**

- Visual displays capture the university's green initiatives and promote eco-conscious behaviour among the campus community.

- **Poster Presentations:**

- Students are encouraged to participate in poster presentations focusing on environmental sustainability, innovative solutions, and conservation strategies.

4. Energy and Emission Reduction Measures

In addition to its sustainable building materials, Woxsen University has adopted various measures to reduce its environmental footprint:

- Heat-resistant coatings that decrease the reliance on HVAC systems, leading to a reduction in energy consumption and emissions.
- The use of cement-based paints for eco-friendly building maintenance.

5. Commitment to Environmental Responsibility

Woxsen University's comprehensive approach to environmental sustainability underscores its dedication to being a responsible and environmentally conscious institution. Through sustainable

practices, educational initiatives, and responsible building strategies, the university continues to be a leader in environmental stewardship.

LAND USE ANALYSIS, WOXSSEN University (As on 22.10.2024):

GENERAL OVERVIEW OF THE CONCEPT OF LAND-USE

Land use refers to man's activities and the various uses which are carried on and derived from land. Viewing the earth from space, it is now very crucial in man's activities on natural resource. In situations of rapid changes in land use, observations of the Earth from space give the information of human activities and utilization of the landscape.

Remote sensing and GIS techniques are now providing new tools for advanced land use mapping and planning. The collection of remotely sensed data facilitates the synoptic analyses of earth system, functions, patterning, and change in the local, regional as well as at global scales over time. Satellite imagery particularly is a valuable tool for generating land use map.

METHODOLOGY ADOPTED FOR LAND USE MAPPING

Three types of data that are GPS points, field survey data and Google earth data for Geo referencing, have been used in this study. Land use map of the study area have been prepared using the above three types of data with the help of ArcGis Pro software.

DATA PROCESSING AND ANALYSIS

Land use map preparation is executed through the following steps:

Acquisition of data (Location: 17°38'51.T'N 77°47'55.3"E), Geo-coding and Geo referencing of satellite imageries by extracting the ground control points. Supervised classification was carried out with the aid of ground truth data collected during field survey. Scanning and digitization of maps and editing of all the Georeferenced maps were done using GIS. Data manipulation and analysis and linking the spatial data with the attribute data for creation of topology was carried out using GIS software. Creation of GIS output in the form of land use map showing various land use have been prepared.

Therefore, an attempt has been made in this study to map land use for WOXSSEN University with a view to detecting the land consumption in the built-up land area using both remote sensing and GIS techniques.

GEOGRAPHICAL LOCATION WITH CAMPUS MAP IN SCALE

The University has a sprawling pollution-free campus spread over 200 acres of land in the heart of Telangana. It has an ideal geographical location with proximity to the important cities of the region i.e. Karnataka, Telangana, Maharashtra.

Academic Site Plan

LEGEND

- 1. Main Entrance
- 2. Main Gate / Security
- 3. Visitor Parking
- 4. Bus Parking
- 5. Cycle Parking
- 6. Temple
- 7. Flag Hoisting Place
- 8. Garden
- 9. Water Body
- 10. Amphitheater
- 11. Admin Block
- 12. Faculty Block
- 13. Faculty Block (Phase II)
- 14. Classroom Block
- 15. Classroom Block (Phase II)
- 16. Lecture Halls
- 17. Lecture Halls (Phase II)
- 18. Library (Phase II)
- 19. Auditorium (Phase II)
- 20. Agricultural Land

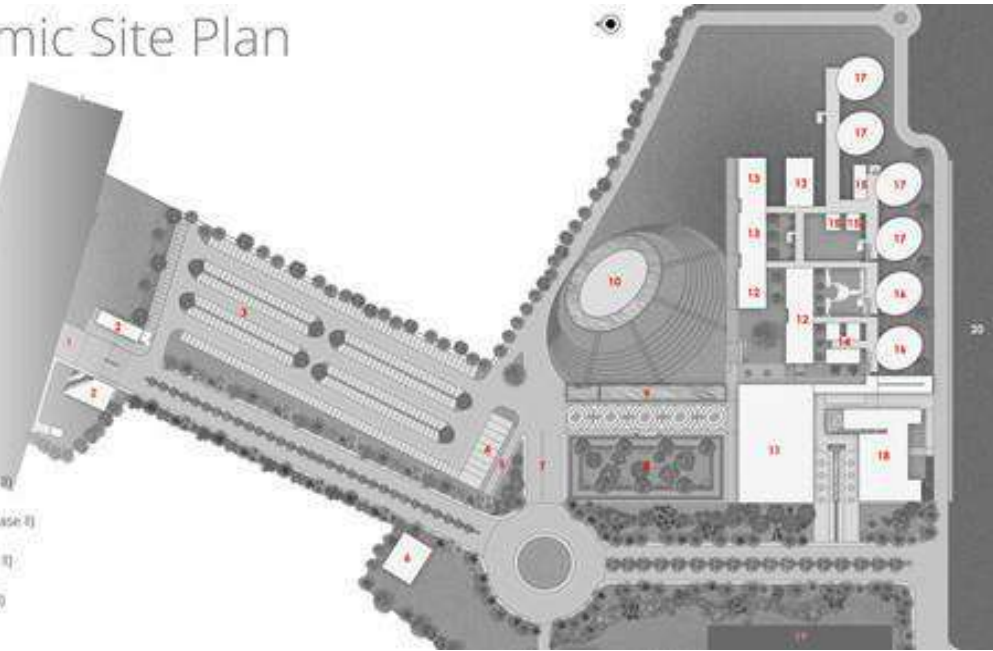


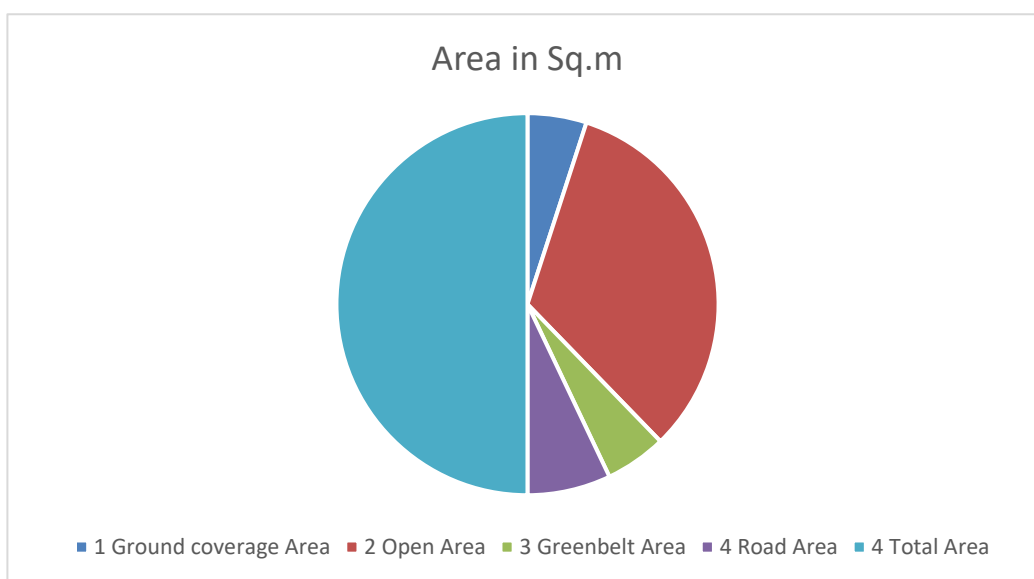
Photo I: Map of University Campus



Photo 2: Aerial View of University Campus Part 2 (Source Google Earth)

LAND USE DATA OF WOXSSEN UNIVERSITY, HYDERABAD

S No.	Particular	Area in Sq.m	Area (%)
1	Ground coverage Area	60700.00	10.00
2	Open Area	397534.65	65.49
3	Greenbelt Area	63077.35	10.39
4	Road Area	85716.00	14.12
	Total Area	607028.00	100.00



The total area of **WOXSSEN UNIVERSITY** is 607028.00 sq m out of which the Road built up area (Roads) is 14.12% (i.e. 857166 sq.m) and plantation area is 10.39% (i.e. 63077.35 sq.m)

LAND USE (GROUND COVERAGE and Road AREA) ANALYSIS:

The built-up area of 24.120 consists of the following regions as stated below for land consumption in built up area of WOXSEN University:

The WOXSEN University is densely built up having Administrative Blocks, Central Workshops, Girls Hostels, Principal's Residence, Staff Flats, Gymnasium, University Cafeteria and Boys Hostels, Auditorium, Drawing Hall, Seminar Hall, Tutorial rooms, Computer Labs, Research Labs, Amenities Block, Instruction area, Common facilities, Sports Stadium indoor and outdoor, and Athletic Tracks.

Green Audit Report, WOU

Table: Area occupied by various buildings at WOXSSEN University,

S No	Room No	Room type (mention Classroom / Lab/ Toilet, etc.)	Carpet Area in Sqm	Completion of Flooring	Completion of Walls & Painting	Completion of Electrification & Lighting
INSTRUCTION AREA						
1	1008	Laboratory	66	Completed	Completed	Completed
2	110I	Classroom	66	Completed	Completed	Completed
3	1102	Classroom	66	Completed	Completed	Completed
4	1104	Laboratory	66	Completed	Completed	Completed
5	1106	Laboratory	66	Completed	Completed	Completed
6	I107	Laboratory	66	Completed	Completed	Completed
7	1108	Laboratory	66	Completed	Completed	Completed
8	111I	Classroom	66	Completed	Completed	Completed
9	1201	Classroom	66	Completed	Completed	Completed
10	1202	Classroom	66	Completed	Completed	Completed
11	1204	Laboratory	66	Completed	Completed	Completed
12	1205	Laboratory	66	Completed	Completed	Completed
13	1207	Classroom	66	Completed	Completed	Completed
14	1208	Classroom	66	Completed	Completed	Completed
15	1209	Classroom	66	Completed	Completed	Completed
16	1301	Classroom	66	Completed	Completed	Completed
17	1302	Classroom	66	Completed	Completed	Completed
18	1305	Seminar Hall	128.4	Completed	Completed	Completed
19	1308	Classroom	66	Completed	Completed	Completed
20	1310	Classroom	66	Completed	Completed	Completed
21	2002	Laboratory	140	Completed	Completed	Completed
22	2003	Laboratory	105	Completed	Completed	Completed
23	2005	Laboratory	74	Completed	Completed	Completed
24	2006	Laboratory	140	Completed	Completed	Completed
25	2007	Laboratory	74	Completed	Completed	Completed
26	2008	Research Laboratory	225	Completed	Completed	Completed
27	2009	Laboratory	140	Completed	Completed	Completed
28	2011	Workshop	210	Completed	Completed	Completed
29	2101	Classroom	74	Completed	Completed	Completed
30	2102	Laboratory	140	Completed	Completed	Completed

Green Audit Report, WOU

31	2103	Laboratory	74	Completed	Completed	Completed
32	2106	Additional Workshop	112	Completed	Completed	Completed
33	2108	Classroom	74	Completed	Completed	Completed
34	2109	Classroom	120	Completed	Completed	Completed
35	2201	Classroom	74	Completed	Completed	Completed
36	2202	Laboratory	136	Completed	Completed	Completed
37	2203	Classroom	74	Completed	Completed	Completed
38	2205	Laboratory	74	Completed	Completed	Completed
39	2206	Laboratory	135	Completed	Completed	Completed
40	2207	Classroom	74	Completed	Completed	Completed
41	2208	Seminar Hall	232	Completed	Completed	Completed
42	2209	Additional Workshop	200	Completed	Completed	Completed
43	2301	Laboratory	140	Completed	Completed	Completed
44	2302	Classroom	74	Completed	Completed	Completed
45	2303	Classroom	74	Completed	Completed	Completed
46	2307	Seminar Hall	140	Completed	Completed	Completed
47	2308	Laboratory	74	Completed	Completed	Completed
48	2309	Classroom	74	Completed	Completed	Completed
49	2311	Classroom	102	Completed	Completed	Completed
50	2312	Tutorial Room	105	Completed	Completed	Completed
51	3002	Classroom	78	Completed	Completed	Completed
52	3003	Classroom	78	Completed	Completed	Completed
53	3004	Classroom	78	Completed	Completed	Completed
54	3102	Classroom	78	Completed	Completed	Completed
55	3103	Classroom	78	Completed	Completed	Completed
56	3104	Classroom	78	Completed	Completed	Completed
57	3202	Classroom	78	Completed	Completed	Completed
58	3203	Classroom	78	Completed	Completed	Completed
59	3204	Classroom	72	Completed	Completed	Completed
60	3207	Seminar Hall	140	Completed	Completed	Completed
61	3302	Classroom	78	Completed	Completed	Completed
62	3303	Classroom	96	Completed	Completed	Completed
63	3304	Classroom	96	Completed	Completed	Completed
64	3402	Classroom	66	Completed	Completed	Completed

Green Audit Report, WOU

65	3403	Classroom	66	Completed	Completed	Completed
66	3404	Classroom	66	Completed	Completed	Completed
67	4001	Workshop	212	Completed	Completed	Completed
68	5001	Laboratory	96	Completed	Completed	Completed
69	5002	Laboratory	96	Completed	Completed	Completed
70	5101	Seminar Hall	310	Completed	Completed	Completed
71	5104	Laboratory	72	Completed	Completed	Completed
72	5301	Seminar Hall	310	Completed	Completed	Completed
73	5304	Additional Workshop	72	Completed	Completed	Completed
74	5305	Additional Workshop	72	Completed	Completed	Completed
75	7004	Other	20	Completed	Completed	Completed
76	7005	Seminar Hall	120	Completed	Completed	Completed
77	7006	Laboratory	66	Completed	Completed	Completed
78	7007	Laboratory	66	Completed	Completed	Completed
79	7008	Laboratory	66	Completed	Completed	Completed
80	7104	Classroom	66	Completed	Completed	Completed
81	7105	Laboratory	66	Completed	Completed	Completed
82	7106	Laboratory	66	Completed	Completed	Completed
83	7108	Classroom	66	Completed	Completed	Completed
84	7202	Classroom	66	Completed	Completed	Completed
85	7204	Classroom	66	Completed	Completed	Completed
86	7205	Classroom	66	Completed	Completed	Completed
87	7206	Laboratory	66	Completed	Completed	Completed
88	7207	Laboratory	66	Completed	Completed	Completed
89	7208	Classroom	66	Completed	Completed	Completed
90	7302	Classroom	66	Completed	Completed	Completed
91	7304	Classroom	66	Completed	Completed	Completed
92	7305	Classroom	66	Completed	Completed	Completed
93	7306	Laboratory	66	Completed	Completed	Completed
94	7307	Classroom	66	Completed	Completed	Completed
95	7404	Laboratory	66	Completed	Completed	Completed
96	7405	Laboratory	66	Completed	Completed	Completed
97	7406	Tutorial Room	46.7	Completed	Completed	Completed
98	7408	Tutorial Room	46.5	Completed	Completed	Completed

Green Audit Report, WOU

99	8005	Laboratory	76	Completed	Completed	Completed
100	8011	Laboratory	144	Completed	Completed	Completed
101	8012	Laboratory	144	Completed	Completed	Completed
102	8014	Classroom	70	Completed	Completed	Completed
103	8101	Classroom	96	Completed	Completed	Completed
104	8102	Classroom	96	Completed	Completed	Completed
105	8104	Laboratory	140	Completed	Completed	Completed
106	8110	Classroom	70	Completed	Completed	Completed
107	8111	Classroom	70	Completed	Completed	Completed
108	8112	Classroom	70	Completed	Completed	Completed
109	8114	Classroom	70	Completed	Completed	Completed
110	8115	Laboratory	70	Completed	Completed	Completed
111	8201	Classroom	96	Completed	Completed	Completed
112	8203	Classroom	96	Completed	Completed	Completed
113	8206	Classroom	96	Completed	Completed	Completed
114	8207	Classroom	96	Completed	Completed	Completed
115	8209	Classroom	74	Completed	Completed	Completed
116	8210	Classroom	74	Completed	Completed	Completed
117	8211	Classroom	74	Completed	Completed	Completed
118	8212	Classroom	74	Completed	Completed	Completed
119	8213	Classroom	74	Completed	Completed	Completed
120	8214	Classroom	74	Completed	Completed	Completed
121	8215	Classroom	74	Completed	Completed	Completed
122	8216	Classroom	74	Completed	Completed	Completed
123	8218	Drawing Hall	200	Completed	Completed	Completed
124	8301	Classroom	96	Completed	Completed	Completed
125	8304	Laboratory	144	Completed	Completed	Completed
126	8306	Classroom	70	Completed	Completed	Completed
127	8309	Laboratory	132	Completed	Completed	Completed
128	8310	Laboratory	132	Completed	Completed	Completed
129	8314	Classroom	74	Completed	Completed	Completed
130	8315	Classroom	74	Completed	Completed	Completed
131	8316	Drawing Hall	132	Completed	Completed	Completed
132	8401	Drawing Hall	132	Completed	Completed	Completed

Green Audit Report, WOU

133	8403	Laboratory	132	Completed	Completed	Completed
134	8404	Laboratory	132	Completed	Completed	Completed
135	8405	Seminar Hall	274	Completed	Completed	Completed
136	9003	Classroom	74	Completed	Completed	Completed
137	9004	Classroom	74	Completed	Completed	Completed
138	9005	Classroom	74	Completed	Completed	Completed
139	9012	Computer Laboratory	140	Completed	Completed	Completed
140	9013	Classroom	90	Completed	Completed	Completed
141	9014	Seminar Hall	144.25	Completed	Completed	Completed
142	9101	Classroom	90	Completed	Completed	Completed
143	9102	Classroom	90	Completed	Completed	Completed
144	9103	Classroom	90	Completed	Completed	Completed
145	9104	Classroom	90	Completed	Completed	Completed
146	9111	Tutorial Room	72	Completed	Completed	Completed
147	9112	Classroom	90	Completed	Completed	Completed
148	9201	Classroom	72	Completed	Completed	Completed
149	9202	Tutorial Rooms – PG	33	Completed	Completed	Completed
150	9203	Tutorial Rooms – PG	33	Completed	Completed	Completed
151	10001	Workshop	298	Completed	Completed	Completed
152	11001	Laboratory	150	Completed	Completed	Completed
153	11003	Laboratory	96	Completed	Completed	Completed
154	11004	Laboratory	96	Completed	Completed	Completed
155	11005	Laboratory	96	Completed	Completed	Completed
156	12001	Laboratory	130	Completed	Completed	Completed
157	12002	Laboratory	128	Completed	Completed	Completed
158	12003	Laboratory	128	Completed	Completed	Completed
159	1304/1	Tutorial Rooms – PG	33	Completed	Completed	Completed
160	1304/2	Tutorial Rooms – PG	33	Completed	Completed	Completed
161	1307/1	Tutorial Room	33	Completed	Completed	Completed
162	1307/2	Tutorial Room	33	Completed	Completed	Completed
163	2105/1	Tutorial Rooms – PG	40	Completed	Completed	Completed
164	2105/2	Tutorial Rooms – PG	40	Completed	Completed	Completed
165	2105/3	Tutorial Rooms – PG	40	Completed	Completed	Completed
166	2112/1	Research Laboratory	72	Completed	Completed	Completed

Green Audit Report, WOU

167	2112/2	Additional Workshop	158.96	Completed	Completed	Completed
168	2210/1	Laboratory	96	Completed	Completed	Completed
169	2210/2	Laboratory	114	Completed	Completed	Completed
170	2306/1	Tutorial Rooms – PG	37	Completed	Completed	Completed
171	2306/2	Tutorial Rooms – PG	37	Completed	Completed	Completed
172	2310/1	Tutorial Room	35	Completed	Completed	Completed
173	2310/2	Tutorial Room	35	Completed	Completed	Completed
174	2310/3	Tutorial Room	35	Completed	Completed	Completed
175	3006/2	Laboratory	78	Completed	Completed	Completed
176	3106/1	Laboratory	76	Completed	Completed	Completed
177	3106/2	Laboratory	76	Completed	Completed	Completed
178	3306/1	Laboratory	72	Completed	Completed	Completed
179	3306/2	Laboratory	70	Completed	Completed	Completed
180	3307/1	Laboratory	72	Completed	Completed	Completed
181	3307/2	Laboratory	71.2	Completed	Completed	Completed
182	7102/1	Tutorial Rooms – PG	33	Completed	Completed	Completed
183	7102/2	Tutorial Rooms – PG	33	Completed	Completed	Completed
184	7107/1	Tutorial Rooms – PG	33	Completed	Completed	Completed
185	7107/2	Tutorial Rooms – PG	33	Completed	Completed	Completed
186	7401/1	Tutorial Room	33	Completed	Completed	Completed
187	7401/2	Tutorial Room	33	Completed	Completed	Completed
188	7402/1	Tutorial Room	33	Completed	Completed	Completed
189	7402/2	Tutorial Room	33	Completed	Completed	Completed
190	8005/1	Laboratory	72	Completed	Completed	Completed
191	8005/2	Laboratory	72	Completed	Completed	Completed
192	8108/1	Laboratory	66	Completed	Completed	Completed
193	8108/2	Laboratory	66	Completed	Completed	Completed
194	8109/1	Classroom	66	Completed	Completed	Completed
195	8109/2	Laboratory	66	Completed	Completed	Completed
196	8303/1	Laboratory	72	Completed	Completed	Completed
197	8303/2	Laboratory	72	Completed	Completed	Completed
198	8307/1	Tutorial Room	72	Completed	Completed	Completed
199	8307/2	Tutorial Room	72	Completed	Completed	Completed
200	8308/1	Tutorial Room	74	Completed	Completed	Completed

Green Audit Report, WOU

201	8308/2	Tutorial Room	74	Completed	Completed	Completed
202	83 I3/1	Laboratory	72	Completed	Completed	Completed
203	8313/2	Laboratory	72	Completed	Completed	Completed
204	9109/1	Tutorial Rooms - PG	45	Completed	Completed	Completed
205	9109/2	Tutorial Rooms - PG	45	Completed	Completed	Completed
Total			17887.01			
ADMINISTRATIVE AREA						
1	1001	Exam Control Office	142	Completed	Completed	Completed
2	1002	Exam Control Office	70	Completed	Completed	Completed
3	1003	Exam Control Office	142	Completed	Completed	Completed
4	1004	Principal Office	105	Completed	Completed	Completed
5	1005	Admin Office Inclusive	325	Completed	Completed	Completed
6	1006	Housekeeping	35.64	Completed	Completed	Completed
7	1105	Maintenance	70	Completed	Completed	Completed
8	1206	Faculty Room	105	Completed	Completed	Completed
9	1306	Faculty Room	105	Completed	Completed	Completed
10	2001/1	Dean's Room	46	Completed	Completed	Completed
11	2012/1	Director's Room	46	Completed	Completed	Completed
12	2107	HOD (MECH) Room	46	Completed	Completed	Completed
13	2110	Faculty Room	102.22	Completed	Completed	Completed
14	2305	Faculty Room	190	Completed	Completed	Completed
15	2313/1	Faculty Room	102	Completed	Completed	Completed
16	3005	Faculty Room	35	Completed	Completed	Completed
17	3006/1	Faculty Room	35	Completed	Completed	Completed
18	3105	Faculty Room	35	Completed	Completed	Completed
19	3205/1	HOD ROOM	43.05	Completed	Completed	Completed
20	3206	Faculty Room	35	Completed	Completed	Completed
21	3305	Faculty Room	35	Completed	Completed	Completed
22	4002	Faculty Room	88	Completed	Completed	Completed
23	5005	Placement Office	174.9	Completed	Completed	Completed
24	5008	Central Store	30	Completed	Completed	Completed
25	5009	House Keeping	20	Completed	Completed	Completed
26	6002	Pantry for Staff	23.75	Completed	Completed	Completed
27	7001	Faculty Room	74	Completed	Completed	Completed

Green Audit Report, WOU

28	7002	Department Office	49.5	Completed	Completed	Completed
29	7101	Faculty Room	74	Completed	Completed	Completed
30	7201	Faculty Room	74	Completed	Completed	Completed
31	7301	Faculty Room	74	Completed	Completed	Completed
32	7403	Faculty Room	49.2	Completed	Completed	Completed
33	8001	Faculty Room	72	Completed	Completed	Completed
34	8002	HOD ROOM (CONFRENCE/DTP/HOD)	98	Completed	Completed	Completed
35	8103	Faculty Room	15	Completed	Completed	Completed
36	8105	Faculty Room	15	Completed	Completed	Completed
37	8202	Faculty Room	15	Completed	Completed	Completed
38	8305/1	Faculty Room	15	Completed	Completed	Completed
39	8305/2	Faculty Room	15	Completed	Completed	Completed
40	8009	HOD, H&S	37	Completed	Completed	Completed
41	8015	Faculty Room	15	Completed	Completed	Completed
42	8106	Faculty Room	15	Completed	Completed	Completed
43	8107	Faculty Room	15	Completed	Completed	Completed
44	8208	Faculty Room	15	Completed	Completed	Completed
45	8311	Faculty Room	15	Completed	Completed	Completed
46	8312	Faculty Room	15	Completed	Completed	Completed
47	9001	HOD & Dept. Office.	36	Completed	Completed	Completed
48	9002	Board Room	41.39	Completed	Completed	Completed
49	9006	Faculty Room	36	Completed	Completed	Completed
50	9007	Faculty Room	35	Completed	Completed	Completed
51	9015	Faculty Room	66	Completed	Completed	Completed
52	9016	Security Room	35	Completed	Completed	Completed
53	9105	Faculty Room	35	Completed	Completed	Completed
54	9110	Faculty Room	35	Completed	Completed	Completed
55	9204	Faculty Room	35	Completed	Completed	Completed
56	10002	Faculty Room	20	Completed	Completed	Completed
57	11002	Faculty Room	20	Completed	Completed	Completed
Total			3347.65			
AMENITIES AREA						
1	1007	Gents Toilet	35	Completed	Completed	Completed
2	1103	Ladies Toilet	35	Completed	Completed	Completed

Green Audit Report, WOU

3	1109	Store Room	48.7	Completed	Completed	Completed
4	1110	Gents Toilet	35	Completed	Completed	Completed
5	1203	Ladies Toilet	35	Completed	Completed	Completed
6	1303	Ladies Toilet	35	Completed	Completed	Completed
7	1309	Gents Toilets	35	Completed	Completed	Completed
8	2304	GENTS TOILET	20	Completed	Completed	Completed
9	2310	LADIES TOILET	15	Completed	Completed	Completed
10	2313/2	FACULTY ROOM TOILET	10	Completed	Completed	Completed
11	2001/2	Dean's Room toilet	10	Completed	Completed	Completed
12	2004	Toilet (Male)	15	Completed	Completed	Completed
13	2010	Toilet (Female)	25	Completed	Completed	Completed
14	2012/2	Director's Room toilet	10	Completed	Completed	Completed
15	2104	Toilet (Male)	34.7	Completed	Completed	Completed
16	2111	Toilet (Female)	34.5	Completed	Completed	Completed
17	2204	Toilet (Male)	34.5	Completed	Completed	Completed
18	3001	Gents toilet	42	Completed	Completed	Completed
19	3005/1	Faculty Room Toilet	14	Completed	Completed	Completed
20	3101	Ladies Toilet	42	Completed	Completed	Completed
21	3201	Gents Toilet	42	Completed	Completed	Completed
22	3205/1	Toilet	14	Completed	Completed	Completed
23	3301	Ladies Toilet	37.7	Completed	Completed	Completed
24	3401	Gents Toilet	42	Completed	Completed	Completed
25	5003	Girls Toilet	35	Completed	Completed	Completed
26	5004	Boys Toilet	35	Completed	Completed	Completed
27	5102	Girls Toilet	35	Completed	Completed	Completed
28	5103	Gents Toilet	35	Completed	Completed	Completed
29	5106	Dining Hall	105	Completed	Completed	Completed
30	5302/1	Sports & Gymnasium	104.5	Completed	Completed	Completed
31	5302/2	Girls Common Room	100	Completed	Completed	Completed
32	5303	First Aid cum Sick Room	66	Completed	Completed	Completed
33	5306	Gents Toilet	35	Completed	Completed	Completed
34	5307	Girls Toilet	35	Completed	Completed	Completed
35	5006	Others	20	Completed	Completed	Completed
36	5007	Stationery Store	20	Completed	Completed	Completed

Green Audit Report, WOU

37	6001	Cafeteria	263.09	Completed	Completed	Completed
38	7003	Gent's Toilet	32	Completed	Completed	Completed
39	7103	Ladies Toilet	32	Completed	Completed	Completed
40	7203	Gent's Toilet	25	Completed	Completed	Completed
41	7303	Ladies Toilet	25	Completed	Completed	Completed
42	7407	Store Room	12.2	Completed	Completed	Completed
43	8003	GENTS TOILETS	45	Completed	Completed	Completed
44	8004	LADIES TOILETS	45	Completed	Completed	Completed
45	8204	GENTS TOILETS	45	Completed	Completed	Completed
46	8205	LADIES TOILETS	20	Completed	Completed	Completed
47	8010	Girls Common Room	102	Completed	Completed	Completed
48	8013	LADIES TOILET	66	Completed	Completed	Completed
49	8113	GENTS TOILET	70	Completed	Completed	Completed
50	8217	LADIES TOILET	66	Completed	Completed	Completed
51	8402	PUMP HOUSE	144.6	Completed	Completed	Completed
52	9008	Central stores	33.75	Completed	Completed	Completed
53	9009	Toilet	23.25	Completed	Completed	Completed
54	9010	Ladies Toilet	30	Completed	Completed	Completed
55	9011	Gents Toilet	30	Completed	Completed	Completed
56	9307	Student activity / GCR	38	Completed	Completed	Completed
57	9106	Girls Toilet	35	Completed	Completed	Completed
58	9107	Boys Toilet	30	Completed	Completed	Completed
59	9301	Boys Common Room	195	Completed	Completed	Completed
60	9303	Student activity / GCR	45	Completed	Completed	Completed
61	9304	Toilet	20	Completed	Completed	Completed
62	9305	Student activity/ GCR	45	Completed	Completed	Completed
63	9306	Toilet	20	Completed	Completed	Completed
64	9302	Auditorium	644.05	Completed	Completed	Completed
65	12004	Toilet	18	Completed	Completed	Completed
66	12005	Toilet	18	Completed	Completed	Completed
Total			3544.54			
INSTRUCTION AREA COMMON FACILITIES						
1	5201	Library & Reading Room	1205	Completed	Completed	Completed
2	5105	Computer Centre	134	Completed	Completed	Completed

Green Audit Report, WOU

3	5202	Computer Centre	320	Completed	Completed	Completed
4	5104	Computer Centre	135	Completed	Completed	Completed
5	8406	Language Laboratory	96	Completed	Completed	Completed
6	8007	Language Laboratory	74	Completed	Completed	Completed
7	8008	Language Laboratory	74	Completed	Completed	Completed
8	8006	Language Laboratory	144	Completed	Completed	Completed
9	9108	Library & Reading Room	150	Completed	Completed	Completed
Total			2332			

Consolidated Area Statement for Existing & Proposed Courses

Instructional Area	17887.01 Sqm
Administrative Area	3347.65 Sqm
Amenities Area	3544.54 Sqm
Instruction Area Common Facilities	2332 Sqm
Circulation Area	14509.21 Sqm
Total Area	41620 Sqm

S No	Building Name	Area in Sq Mt
1	Administration, Staff Block & Classrooms	5164.15
2	Club house	393.75
3	Hostel Block A	1761.62
4	Hostel Block B	1415.13
5	Hostel Block C	730.35
6	Hostel Block D	680.32
7	Hostel Block E	730.35
8	Hostel Block F	680.32
9	Library	931.2
10	New Academic Block	1958.38
11	Cafeteria	2360.03
12	Academic Lab Block	1433
13	Academic Law Block	3422
14	Indoor Sports Complex	2208.7
15	Hostel Tower-1	1184.76
16	Hostel Tower-2	1184.76
17	Hostel Tower-3	1184.76
18	Hostel Tower-4	1184.76
19	Lecture Hall 4	506.17

20	Football Pavillion	414.3
21	Cricket Pavillion	466.45
	Total	29995.26

FINDINGS:

WOXSEN University, which was established in the year 2014, has an eco-friendly environment. It has a long legacy of healthy environmental practices including periodic plantation, their preservation and maintenance. Its land use is such that about 65% of the total area is occupied by open land and plantation that generates a better and sustainable campus environment.

TREE DIVERSITY OF WOXSEN UNIVERSITY, TELANGANA:

WOXSEN University is within the geo-position between latitude 17°38'51.7"N and longitude 77°47'55.3"E in WOXSEN University, Telangana, India. It encompasses an area of about 200 Acres. The area is immensely diverse with a variety of tree species performing a variety of functions. Most of these tree species are planted in different periods of time through various plantation programs organized by the authority and have become an integral part of the University. The trees of the University have increased the quality of life, not only the University fraternity but also the people around of the University in terms of contributing to our environment by providing oxygen, improving air quality, climate amelioration, conservation of water, preserving soil, and supporting wildlife, controlling climate by moderating the effects of the sun, rain and wind. Leaves absorb and filter the sun's radiant energy, keeping things cool in summer. Many species of birds are dependent on these trees mainly for food and shelter. Nectar of flowers and plants is a favorite of birds and many insects. Leaf-covered branches keep many animals, such as birds and squirrels, out of reach of predators. Different species display a seemingly endless variety of shapes, forms, texture and vibrant colors. Even individual trees vary their appearance throughout the course of the year as the seasons change. The strength, long lifespan and regal stature of trees give them a monument - like quality. They also remind us of the glorious history of WOXSEN University and our institution in particular. We often make an emotional connection with these trees and sometime become personally attached to the ones that we see every day. A thick belt of large shady trees in the periphery of the University have been found to be bringing down noise and cutting down dust and storms. Thus, the University has been playing a significant role in maintaining the environment of the entire WOXSEN University and its surrounding areas. The following are the tree species with whom we are being attached-















Table: List of tree species of WOXSEN University, Telangana

S No	Botanical Name	Family	Common Name	Total
1	Mangifera indica	Anacardiaceae	Mango	195
2	Alstonia Scholaris	Apocynaceae	Alstonia	167
3	Tabernaemontana divaricate	Apocynaceae	Crape jasmine	4
4	Araucaria heterophylla	Araucariaceae	Christmas Tree	19
5	Arecaceae	Arecaceae	Palm	93
6	Hyophorbe lagenicaulis	Arecaceae	Bottle Palm	23
7	Roystonea regia	Arecaceae	Cuban royal palm	3
8	Phoenix sylvestris	Arecaceae	Badela Palm	2
9	Terminalia bellirica	Combretaceae	Bahera	49
10	Platycladus orientalis	Cupressaceae	Oriental thuja	67
11	Saraca asoca	Fabaceae	Ashoka	154
12	Dalbergia sissoo	Fabaceae	Sissu / Tali	56
13	Vachellia nilotica	Fabaceae	Kikar	19
14	Cassia fistula	Fabaceae	Golden shower tree	13
15	Delonix regia	Fabaceae	Royal Poinciana	3
16	Tamarindus indica	Fabaceae	Tamarind	1
17	Tectona grandis	Lamiaceae	Sagwan	25
18	Punica granatum	Lythraceae	Pomegranate	1
19	Chukrasia velutina	Meliaceae	Chukrasia tabularis	123
20	Azadirachta indica	Meliaceae	Neem	27
21	Melia azedarach	Meliaceae	umbrella tree	21
22	Toona ciliate	Meliaceae	Tun	1
23	Morus alba	Moraceae	White mulberry	27
24	Ficus religiosa	Moraceae	Peepal	17
25	Ficus virens	Moraceae	White Fig	16
26	Ficus elastic	Moraceae	Rubber Plant	7
27	Moringa oleifera	Moringaceae	saujana	2
28	Syzygium cumini	Myrtaceae	Jamun	68

Green Audit Report, WOU

29	Psidium	Myrtaceae	Gauva	54
30	Eucalypts	Myrtaceae	Safeda	26
31	Syzygium aromaticum	Myrtaceae	Clove	3
32	Pongamia Pinata	Papilionaceae	Indian Beech tree	11
33	Phyllanthus emblica	Phyllanthaceae	Gooseberry	19
34	Bambusoideae	Poaceae	Bamboo	2
35	Grevillea robusta	Proteaceae	Silver Oak	58
36	Ziziphus mauritiana	Rhamnaceae	Ber	10
37	Prunus persica	Rosaceae	Pears	20
38	Pyrus pyrifolia	Rosaceae	Nakh	20
39	Prunus bokharensis	Rosaceae	Aloo Bukhara	8
40	Rosa	Rosaceae	Rose	90
41	Citrus limon	Rutaceae	Lemon	23
42	Citrus limetta	Rutaceae	Mausambi	8
43	Murraya koenigii	Rutaceae	Curry Leaf	2
44	Aegle marmelos	Rutaceae	wood apple	1
45	Gmelina arborea	Rutaceae	Beechwood	L
46	Populus	salicaceae	Poplar	35
47	Litchi chinensis	Sapindaceae	Litchi	11
48	Mimusops elengi	Sapotaceae	Maulsari	30
49	Madhuca longifolia	Sapotaceae	Mahua/ Indian Butter Tree	14
50	Manilkara zapota	Sapotaceae	Chiku/Sapodilla	11
51	Vitis Vinifera	Vitaceae	Kismish/Raisins	29
52	Ficus benjamina	Fig family	Faux	427
53	Bugal Bael	.....	Bugal Bae!	49
54	Dakein	.....	Dakein	44
55	Citrus Reticulata	Rutaceae	Kinnow	39
56	Sukhmani	.....	Sukhmani	29
57	Faux Black Kina	.....	Faux Black Kina	22
58	Ficus Benghalensis	Moraceae	Barota	16

59	Badelia Kandia Flower	.....	Badelia Kandia Flower	10
60	Momesia	.....	Momesia	10
61	Rakh Manjan	.....	Rakh Manjan	9
62	Red Faux	.....	Red Faux	8
63	Mimusops	Sapotaceae	Sari	7
64	Flower Faux	.....	Flower Faux	6
65	Needi	.....	Needi	6
66	Ajmohar	.....	Ajmohar	5
67	Green Fax	.....	Green Fax	3
68	Faux (White)	.....	Faux (White)	2
69	Gul Lakkar	.....	Gui Lakkar	1
70	Tarbeni	.....	Tarbeni	1
Total				2383

FAUNAL DIVERSITY IN WOXSSEN University CAMPUS:

WOXSSEN UNIVERSITY is located in District of Sangareddy Indian State of TS. The highest temperature is recorded at 42 C just prior to the onset of monsoon (around May- early June). Summer

Rain is normal, and is principally caused from late June to August by the moisture-laden South-West Monsoon, striking the Himalayan foothills of the north. The climatic condition of the WOXSSEN University in particular is very suitable for a wide variedly of flora and fauna to support its rich biodiversity. The fauna! Diversity of WOXSSEN University campus has been studied and documented as below:

Table: Common and Scientific names of birds and animals

S No	Common Name	Scientific Name
1.	Common Myna	Acridotheres Tristis
2.	Bank Myna	Acridotheres Ginginianus
3.	House Span-ow	Passer Domesticus
4.	House Crow	Corvus Splendens
5.	Cuckoo	Cuculidae
6.	Snake	Naja Naja
7.	Yellow Wasp	Ropalidia Marginata

Green Audit Report, WOU

8.	Butterfly	Danaus Genutia
9.	Common Wood shrike	Tephrodornis Pondicerianus
10.	Pied Myna	Gracupica Contra
11.	Red-Vented Bulbul	Pycnonotus Cafer
12.	Skylark	Aluda Gulgula
13.	Garden Tiger Moth	Arctia Caja
14.	Little Owl	Athene Brama
15.	Oleander Moth	Syntomeida Epilais
16.	Slender Skimmer	Orthetrum Sabina

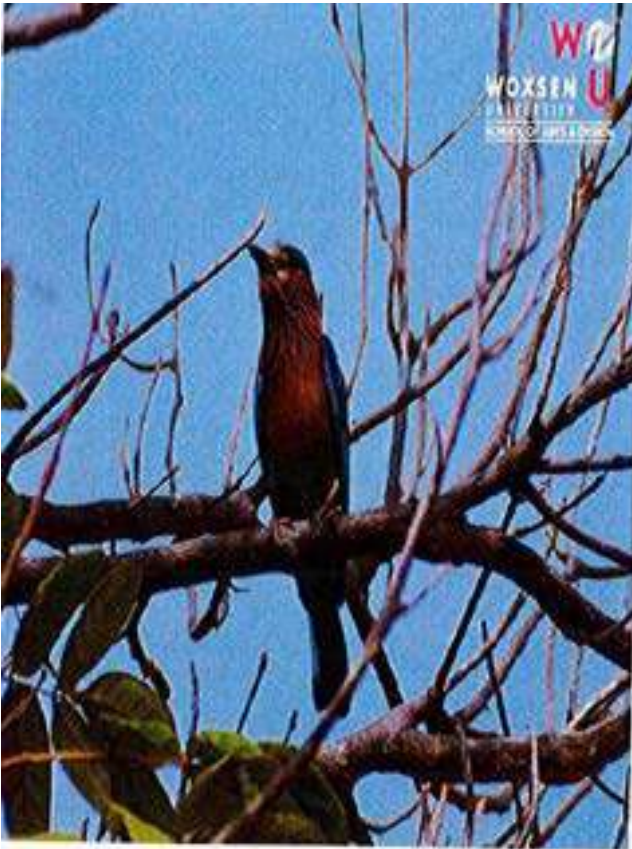


Photo 8: Common Myna (*Acridotheres Tristis*)

Photo 9: House Sparrow (*Passer Domesticus*)



Photo 11: House Crow (*Corvus Splendens*)



Photo 12: Cuckoo (*Cuculidae*)



Photo 13: Snake (*Naja Naja*)



Photo 14: Yellow Wasp (*Ropalidia Marginata*)



Photo 15: Butter Fly (Danaus Genutia)



Photo 16: Beetle insect on a hibiscus flower



Photo 17: Common Woodshrike (Tephrodornis Pondicerianus)



Photo 18: Pied Myna (Gracupica Contra)



Photo 19: Red-Vented Bulbul (Pycnonotus Cafer)



Photo 20: Skylark (Aluda Gulgula)



Photo 21: Garden Tiger Moth (Arctia Caja)



Photo 22: Little Owl (Athene Brama)



Photo 23: Oleander Moth (*Syntomeida Epilais*)



Photo 24: Slender Skimmer (*Orthetrum Sabina*)

WEATHER DATA OF WOXSSEN UNIVERSITY:

Station: WOXSSEN University (INDIA Location:17°38'51.7"N 77°47'55.3"E)

In WOXSSEN University, the climate is warm and temperate. The summers are much rainier than the winters at WOXSSEN University. The average annual temperature in WOXSSEN University is 24.3 °C. and the precipitation level is about 770 mm.

The driest month is generally November. There is 4 mm of precipitation in November. The greatest amount of precipitation occurs in July, with an average of 256 mm. With an average of 6°C, June is the warmest month. The lowest average temperatures in the year occur in January, when it is around 13.3 °C. The precipitation varies 252 mm between the driest month and the wettest month. The variation in temperatures throughout the year is 20.3°C.

WEATHER DATA MONTH WISE WOXSSEN UNIVERSITY

Temperature\Month	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temp. (0C)	13.3	16.2	21.2	27.3	32.1	33.6	30.6	29.5	29	24.9	19.2	14.8
Min. Temp (0C)	6.6	8.9	13.5	19	24.2	26.9	30.2	25.5	23.6	17.2	10.3	6.9
Max. Temp (0C)	20.1	23.6	29	35.7	40.4	40.4	35.1	33.3	34.5	37.7	28.2	22.8
Avg. Temp (°F)	55.9	61.2	70.2	81.1	90.1	92.5	87.1	85	84.2	76.8	66.6	58.6
Min. Temp (°F)	43.9	48.0	56.3	66.2	75.6	80.4	79.3	77.9	74.5	63.0	50.5	44.4
Max. Temp (°F)	68.2	74.5	84.2	96.3	104	104	95.2	92.3	94.1	100.1	82.8	73.0
Precipitation / Rainfall (mm)	32	26	26	6	11	37	256	192	132	35	4	13

The likes of an alluvial plain are strong characteristics of the city of WOXSSEN University and its surroundings. The city does have a Central location in the plan region. The geographical co-ordinate of WOXSSEN University is 17°38'51.7"N 77°47'55.3"E. The University has an average altitude of 808 feet or 246 meters from the average sea level. The erstwhile land of WOXSSEN University was very feasible for peanut cultivation with sand dunes. However, a lot of irrigation and environmental changes have made the land more viable for wheat cultivation.

The climatic conditions bear a strong resemblance with the other cities in the northern part of India. The summers are usually very hot, and the winters are very cold. The summers are prevalent during the months of April to September with June, July, August till mid-September being the hottest months. Winter is prevalent from the month of November till the month of March. There is an onset of Monsoon in September and from mid of September till November one experiences the transitional

weather.

CLIMATE GRAPH MONTH WISE WOXSSEN UNIVERSITY



AIR QUALITY IN WOXSSEN UNIVERSITY:

The ambient air quality data for WOXSSEN University for the last one year shows that there are very less polluted particles in ambient air; AQI for S02 & NOx parameters are within the range of Indian living standards, there are several factors responsible for this cleanliness, calmness and serenity in this area. Firstly, the population which is most responsible for all the problems and hurdles in smooth living is lowest here of all the districts of TS. Secondly, in this area more trees have been planted as compared to other cities. Furthermore, no air polluting industry is established here, not even in a radius of 10 Km of WOXSSEN University area. The university is located adjacent to the NH, which might be responsible for heavy density traffic throughout the year and thus might be causing lot of vehicular emissions as well as a lot of dust emissions due to the movement of vehicular traffic. Therefore, the ambient air quality of WOXSSEN University Area falls in between moderate to rich quality state. The TS Pollution Control Board is pondering over the

Green Audit Report, WOU

various possibilities to reduce air pollution for the improvement of ambient air quality with respect to AQI is concerned. However, the annual average value of PM10, SO2, NOx in the ambient air quality of WOXSSEN University falls in the range of 50-62 $\mu\text{g}/\text{m}^3$, 3-5 $\mu\text{g}/\text{m}^3$, 10-12 Lg/m^3 for most of the months, as such, the graded response action plan to eradicate the problem

AIR QUALITY DETERMINATION

Satisfactory air quality index (OVERALL=58) in WOXSSEN University, TS, India on dated 7th September 2024

Parameter	Result (Range)
NO2	25.4 $\mu\text{g}/\text{m}^3$, AQI 26 Very Good
NO	10.09 $\mu\text{g}/\text{m}^3$, AQI 10 Good
O3	31.49 $\mu\text{g}/\text{m}^3$, AQI 31 Good
PM2.5	28.13 $\mu\text{g}/\text{m}^3$, AQI 28 Good
PM10	77.2 $\mu\text{g}/\text{m}^3$, AQI 79 Satisfactory
Co	35.0 $\mu\text{g}/\text{m}^3$, AQI 18
Humidity	56.0 %
Barometric Pressure	1013 millibar or hPa
Wind Speed	10-15 <i>ms</i>
Wind Direction	28.0013 degrees
Sun Rise	06:28AM
Sun Set	05:56 PM
Moonrise	07:05 PM
Moonset	07:31 AM

WATER ANALYSIS REPORT OF WOXSSEN UNIVERSITY:

Water quality testing is important because it identifies contaminants and prevents water-borne diseases. Drinking or using contaminated water can result in severe illness or death. That is why it is important to ensure that drinking water is safe, clean and free from bacteria and disease.

The parameters for water quality are determined by the intended use. Work in the area of water quality tends to be focused on water that is treated for human consumption, or in the environment.

Drinking water indicators:

The following is a list of indicators often measured by situational category:

- Alkalinity
- Color of water
- pH value
- Taste and odor (geosmin, 2-Methylisoborneol (MIB), etc.)
- Dissolved metals and salts (sodium, chloride, potassium, calcium, manganese, magnesium)
- Microorganisms such as fecal coliform bacteria (*Escherichia coli*), *Cryptosporidium*, and *Giardia lamblia*; see Bacteriological water analysis
- Dissolved metals and metalloids (lead, mercury, arsenic, etc.)
- Dissolved organics: colored dissolved organic matter (CDOM), dissolved organic carbon (DOC)
- Heavy metals





Kamkole, Telangana, India
Jqvw+jjm, Kamkole, Telangana 502345, India
Lat 17.644068° Long 77.796622°
05/02/2025 03:51 PM GMT +05:30

Water Consumption Report

Period: Jun 2022 to May 2023

1. Introduction

Woxsen University is committed to efficient water management and sustainability. As per the **National Building Code (NBC) of India, 2016 & Bureau of Indian Standards** for educational institutions with boarding facilities, the daily water consumption per person is estimated at 135 liters. This report outlines the detailed water consumption breakdown and sewage treatment strategies at the university.

2. Daily Water Consumption Breakdown (Per Person)

Activity	Liters per Day	Percentage of Daily Usage
Drinking	5 L	4%
Cooking & Utensils Cleaning	15 L	11%
Bathing	55 L	41%
Washing	20 L	15%
Academic Activities (Cleaning & Gardening)	10 L	7%
Toilet (Sanitation)	30 L	22%
Total Water Consumption	135 L	100%

(Note: Gardening water is not considered in the breakdown as treated water is used for gardening. If we consider only freshwater consumption, it is approximately 50-60 liters per person per day)

3. Total Monthly Water Consumption

Assumptions:

- **Population:** 2,519 (students, faculty, and staff)
- **Average month length:** 30 days

Daily Water Usage for the Entire University:

2,519 people × 135 Liters/person/day = **3,39,065 Liters**

Monthly Water Usage:

3,39,065 Liters/day × 30 days = **1,01,71,950 Liters**

4. Sewage Treatment and Recycling Process

Wastewater Generated (Bathing, Washing & Other Activities):

115 Liters/person/day × 2,519 people × 30 days = **86,92,775 Liters/month**

Sewage Treatment Capacity:

- **250 KLD (KILO LITERS PER DAY) ECO STP**

Recycled Water Usage:

- **Gardening (100% of Treated Water):** 86,92,775 Liters/month
-

5. Conclusion

Woxsen University has implemented an efficient water consumption model in alignment with the NBC India, 2016 & Bureau of Indian Standards. The university uses 135 Liters of water per person per day, broken down into various domestic and institutional uses. With its capacity for 100% sewage treatment and the reuse of treated water for non-potable purposes like gardening and flushing, the university is actively promoting water conservation and sustainability.

This water consumption and sewage treatment strategy aligns with Woxsen University's commitment to sustainability and responsible resource management.

Water Consumption Report

Period: Jun 2023 to May 2024

1. Introduction

Woxsen University is committed to efficient water management and sustainability. As per the National Building Code (NBC) of India, 2016 & Bureau of Indian Standards for educational institutions with boarding facilities, the daily water consumption per person is estimated at 135 liters. However, Woxsen University has successfully reduced its freshwater consumption by utilizing treated water for various activities wherever possible. This report outlines the detailed water consumption breakdown and sewage treatment strategies at the university.

2. Daily Water Consumption Breakdown (Per Person)

Activity	Liters per Day	Percentage of Daily Usage
Drinking	5 L	4%
Cooking & Utensils Cleaning	15 L	11%
Bathing	55 L	41%
Washing	20 L	15%
Academic Activities (Cleaning & Gardening)	10 L	7%
Toilet (Sanitation)	15 L	11%
Total Water Consumption	120 L	100%

3. Total Monthly Water Consumption

Assumptions:

- **Population: 3,647** (students, faculty, and staff)
- **Average month length: 30 days**

Daily Water Usage for the Entire University:

3,647 people × 120 Liters/person/day = **4,37,640 Liters**

Monthly Water Usage:

4,37,640 Liters/day × 30 days = **1,31,29,200 Liters**

4. Sewage Treatment and Recycling Process

Wastewater Generated (Bathing, Washing & Other Activities):

100 Liters/person/day × 3,647 people × 30 days = **1,09,41,000 Liters/month**

Sewage Treatment Capacity:

- **250 KLD (KILO LITERS PER DAY) ECO STP**

Recycled Water Usage:

Green Audit Report, WOU

- **Gardening (75% of Treated Water):** 81,85,750 Liters/month
 - **Flushing (25% of Treated Water):** 27,61,250 Liters/month
 - **Total Recycled Water Usage:** 1,09,47,000 Liters/month
-

5. Conclusion

Woxsen University has implemented an efficient water consumption model in alignment with the NBC India, 2016 & Bureau of Indian Standards. The university uses **120 Liters of water per person per day**, broken down into various domestic and institutional uses. By effectively utilizing treated water wherever feasible, the university has managed to lower its freshwater consumption. With its capacity for **100% sewage treatment and the reuse of treated water for non-potable purposes like gardening and flushing**, the university is actively promoting water conservation and sustainability.

Water Consumption Report

Period: Jun 2024 to Jan 2025

1. Introduction

Woxsen University is committed to efficient water management and sustainability. As per the National Building Code (NBC) of India, 2016 & Bureau of Indian Standards for educational institutions with boarding facilities, the daily water consumption per person is estimated at 135 liters. However, Woxsen University has successfully reduced its freshwater consumption by utilizing treated water for various activities wherever possible. This report outlines the detailed water consumption breakdown and sewage treatment strategies at the university.

2. Daily Water Consumption Breakdown (Per Person)

Activity	Liters per Day	Percentage of Daily Usage
Drinking	5 L	4.3%
Cooking & Utensils Cleaning	15 L	13.0%
Bathing	55 L	47.8%
Washing	20 L	17.4%
Academic Activities (Cleaning & Gardening)	10 L	8.7%
Toilet (Sanitation)	10 L	8.7%
Total Water Consumption	115 L	100%

Note: 35% of treated water is used for flushing. Gardening water is not considered in the breakdown as treated water is used for gardening. If we consider only freshwater consumption, it is approximately 70-80 Liters per person per day.

3. Total Monthly Water Consumption

Assumptions:

- **Population: 4,778** (students, faculty, and staff)
- **Average month length: 30 days**

Daily Water Usage for the Entire University:

4,778 people × 115 Liters/person/day = **5,49,470 Liters**

Monthly Water Usage:

5,49,470 Liters/day × 30 days = **1,64,84,100 Liters**

4. Sewage Treatment and Recycling Process

Wastewater Generated (Bathing, Washing & Other Activities):

95 Liters/person/day × 4,778 people × 30 days = **1,36,24,370 Liters/month**

Sewage Treatment Capacity:

- **250 KLD (KILO LITERS PER DAY) ECO STP**
- **300 KLD (KILO LITERS PER DAY) Sintex STP**

Green Audit Report, WOU

- **Total Capacity: 550 KLD (KILO LITERS PER DAY)**

Recycled Water Usage:

- Gardening (65% of Treated Water): 88,55,840 Liters/month
 - Flushing (35% of Treated Water): 47,68,530 Liters/month
 - Total Recycled Water Usage: 1,36,24,370 Liters/month
-

5. Conclusion

Woxsen University has implemented an efficient water consumption model in alignment with the NBC India, 2016 & Bureau of Indian Standards. The university uses **115 Liters of water per person per day**, broken down into various domestic and institutional uses. By effectively utilizing treated water wherever feasible, the university has managed to lower its freshwater consumption. With its capacity for **100% sewage treatment and the reuse of treated water for non-potable purposes like gardening and flushing**, the university is actively promoting water conservation and sustainability.

This water consumption and sewage treatment strategy aligns with Woxsen University's commitment to sustainability and responsible resource management.

NOISE LEVEL IN THE SURROUNDING OF WOXSSEN University:

The human ear is constantly being assailed by man-made sounds from all sides, and there remain few places in populous areas where relative quiet prevails. There are two basic properties of sound:

- Loudness and
- Frequency.

Loudness is the strength of the sensation of sound perceived by the individual. It is measured in terms of Decibels. Just audible sound is about 10 dB, a whisper about 20 dB, library place 30 dB, normal conversation about 35-60 dB, heavy street traffic 60-80 dB, boiler factories 120 dB, jet planes during take-off is about 150 dB, rocket engine about 180 dB. The loudest sound a person can stand without much discomfort is about 80 dB. Sounds beyond 80 dB can be safely regarded as Pollutant as it harms the hearing system. The WHO has fixed 45 dB as the safe noise level for a city. For international standards a noise level up to 65 dB is considered tolerant. Loudness is also expressed in Sones. One sone equals the loudness of 40 dB sound pressure at 1 000 Hz. Frequency is defined as the number of vibrations per second. It is denoted as Hertz (Hz).

MATERIALS, STUDY AREA & METHODS

Noise level meter or noise measuring app, Noise test pro (version: 1.0.2), was used to measure the noise level. Noise test pro detect of any noise, music or sound in your surroundings. It will tell you maximum, minimum and average decibels.

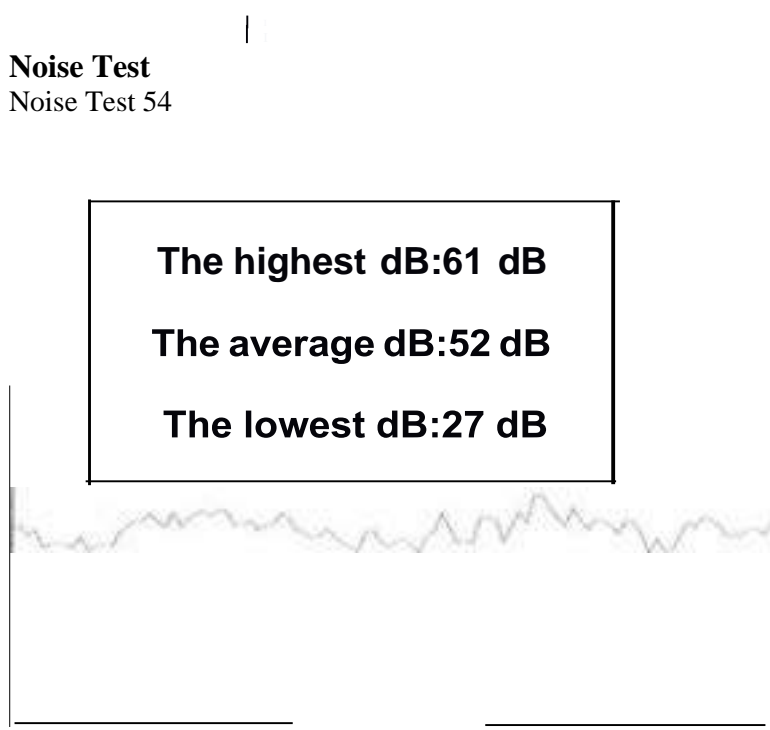


Figure: Noise Measurement by Noise Test Pro App

DESCRIPTION OF THE UNIVERSITY SITE

The site of the WOXSSEN University is located at 17.6441845,77.7997978,16.02z.

Below photo shows the satellite image of the University site

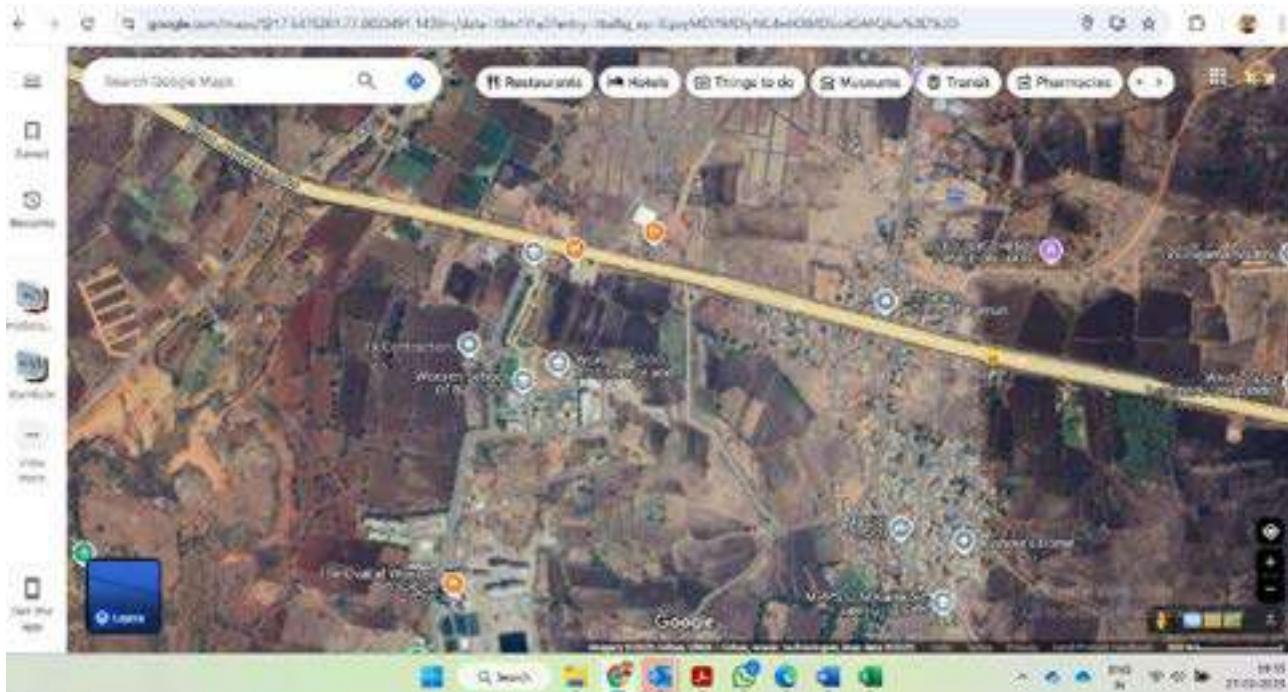


Photo 2: Aerial View of University Campus Part 2 (Source Google Earth)

MEASUREMENT PROCEDURE

The noise level was recorded at the different Important Locations of WOXSSEN University. At each spot, the measurements were taken for 60 seconds during daytime (6 AM- 6 PM) and noted down the measurements. Screen shots of the noise measurements were taken immediately on the app at the time of 60th second of each measurement.

RESULTS

The results of the experiments at different places have been tabulated in the following table:

Table 1: Measurements of Noise in and around WOXSSEN University:

<i>PLACE</i>	<i>MEASUREMENTS (Duration ill Sec.)</i>	<i>MINIMUM (dBA)</i>	<i>Maximum (dBA)</i>	<i>AVERAGE (<IBA)</i>
SOT	60	53	81	76
SOB	60	50	68	56
SOAP	60	59	74	70
SOAD	60	74	90	85

Green Audit Report, WOU

Library	60	51	85	65
SOL	60	57	84	78
Labs	60	45	89	72
SOH	60	50	81	73
Sos	60	66	85	76
VC Office	60	35	77	68
Auditorium	60	53	75	71
Workshop	60	66	90	78
Workshop	60	56	86	69
Ground 1	60	59	90	70
Ground 2	60	56	90	68
Generator Room	60	53	89	75
Gymnasium	60	68	82	76
Faculty Flats	60	35	80	69
Staff Flats	60	49	71	65

Guest House	60	50	77	67
University Front Gate	60	50.7	78.0	71.0
University Back Gate	60	54	75.9	73.5
Boys Hostel	60	54	68	62
Girls Hostel	60	52	90	68

Source: Data collected by Third Party Lab in the presence of GMCSPL Auditors. After the study, the measurements of noise have been recorded in and outside of WOXSEN University area: Inside the Campus: 35-90 dBA,

Outside the Campus: 54-93 dBA

WASTE DISPOSAL OF WOXSEN University:

Waste disposal are the activities and actions required to manage waste from its inception to its final disposal. This includes the collection, transport, treatment and disposal of waste, together with monitoring and regulation of the waste management process.

The waste from all around the University is separated daily as wet and dry waste in different bags which are

Green Audit Report, WOU

disposed separately. Dry waste includes paper, cardboard, glass tin cans etc. on the other hand; wet waste refers to organic waste such as vegetable peds, left-over food etc. Separation of waste is essential as the amount of waste being generated today causes immense problem. The material was composted and evaluated as a fertilizing material. Disposal of these waste results in the production of good quality organic manure that can be used as soil amendments and source of plant nutrients.

With smart initiatives like "Think Green Campus Model", waste management is helping University's to achieve a higher level of environmental performance. By reusing or recycling we are contributing to the conservation of natural resources, saving energy, helping to protect the environment, reducing landfill. We will also reduce our impact on the environment by minimizing the carbon emissions associated with both disposing of old products and obtaining new ones. WOXSEN University adopts environment friendly practices and takes necessary actions such as - energy conservation, waste recycling, carbon neutral etc. The biological reusable waste are processed as organic manure for the plants available in the University campus and the other solid waste generated in the University campus is taken to the community bin of WOXSEN University for recycling and disposal.

Wastage Management Report

1. Overview

Woxsen University is committed to sustainable practices and efficient waste management to minimize environmental impact. This report outlines the current waste management practices and future plans for improvement.

2. Current Waste Management Practices

Engagement with Vendor

- Woxsen University partners with **M/s. Mahesh Garbage Collection** (an authorized vendor in Kamkole GP, License No. 24) for waste management.
- The vendor collects various types of waste and converts food and garden waste into vermicompost.

Types and Quantities of Waste Generated

- **Food Waste:** Approximately **900 kg/day**.
- **Garden Waste:** Approximately **50 kg/day**.
- **Paper and Carton Waste:** Approximately **10 kg/day**, generated primarily from academic activities.

Waste Collection and Disposal

- **Food and Garden Waste:** Collected daily by M/s. Mahesh Garbage Collection.
 - **Paper and Carton Waste:** Stored and sold to scrap vendors monthly.
-

3. Solid Waste Management Practices

Segregation at Source

- Dustbins across the campus are segregated into categories for **Paper, Plastic, Food, and Toilet Waste** to ensure efficient disposal.

Specific Waste Management Initiatives

- **Paper:**
 - Minimizing usage through digital paperwork and softcopy submissions.
 - Official documents are processed via **DocuSign** for digital signatures.
- **Plastic:**
 - Avoiding single-use plastics in classrooms, hostels, food zones, and labs.
 - Replacing disposables with eco-friendly alternatives, including bamboo plates, wooden spoons, and paper cups.
 - Plans to procure a **plastic-brick making machine** to recycle plastic into reusable bricks.
- **Food:**
 - Encouraging the "Take all you can eat, but eat all you take" approach.
 - Preparing meals incrementally during serving times to minimize waste.
 - Ergonomically designed plates to promote portion control.

- **Food Waste Tracking:**
 - Waste is weighed after every meal and displayed on an awareness board.
 - Posters around the dining hall encourage responsible consumption.
- **Future Plan:** Procure a **250 kg/day composter with an in-built shredder** to process biodegradable waste into compost for campus flora.
- **Sanitary Napkins:**
 - Disposal bins are placed in all ladies' washrooms.
 - Plans to procure a **sanitary napkin incinerator** with a capacity of **120 napkins/day**.
- **Other Waste (Metal, Wood, Scrap, Cloth):**
 - Sold to tied-up external vendors for reuse.

Central Waste Management

- An **exclusive waste yard** has been allocated, strategically located to avoid negative impacts on the campus and nearby community.
 - **Mini electric garbage vans** operate on a fixed schedule to collect and transport waste to the yard.
-

4. Future Initiatives

Vermicomposting Facility

- Plan to establish an on-campus vermicomposting facility to:
 - Convert food and garden waste into nutrient-rich compost.
 - Reduce dependency on external vendors.
 - Utilize compost for maintaining campus gardens.

Expected Benefits

- Significant reduction in waste sent off-site.
 - Cost savings on landscaping and gardening.
 - Contribution to a circular economy by utilizing waste efficiently.
-

5. Conclusion

Woxsen University's proactive approach to waste management demonstrates its commitment to sustainability. Current practices and proposed initiatives, such as the vermicomposting facility, will ensure that waste is managed responsibly while contributing to the university's green initiatives.

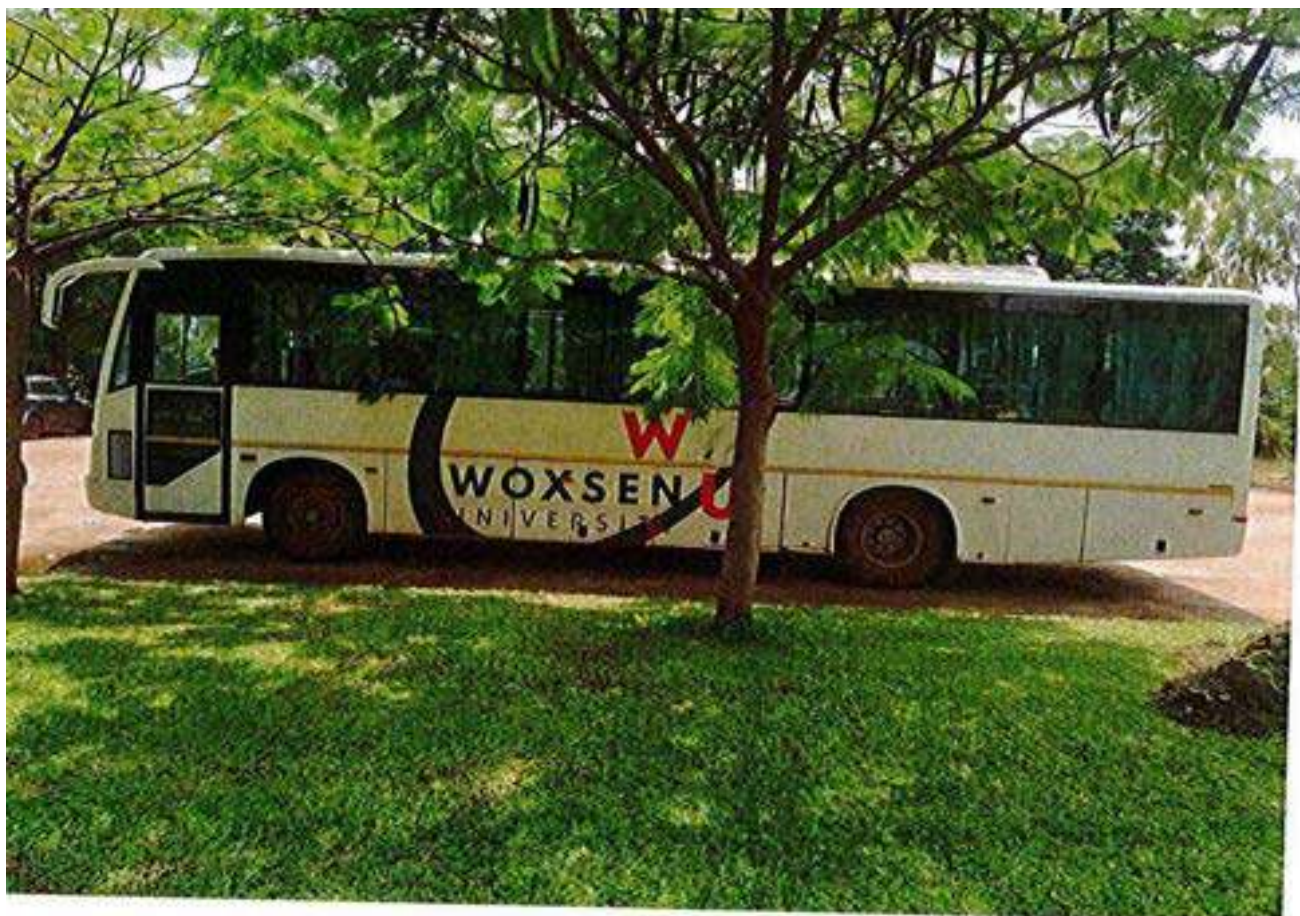


Store room.

TRANSPORTATION AT WOXSSEN UNIVERSITY:

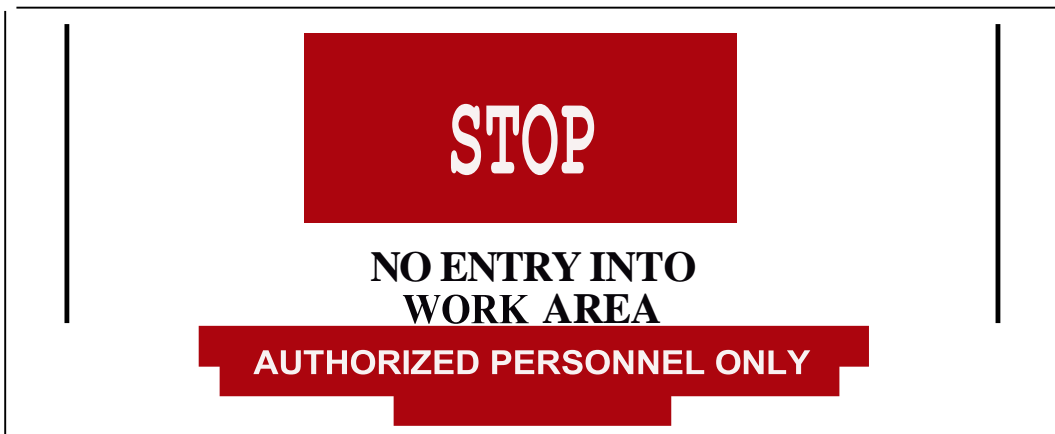
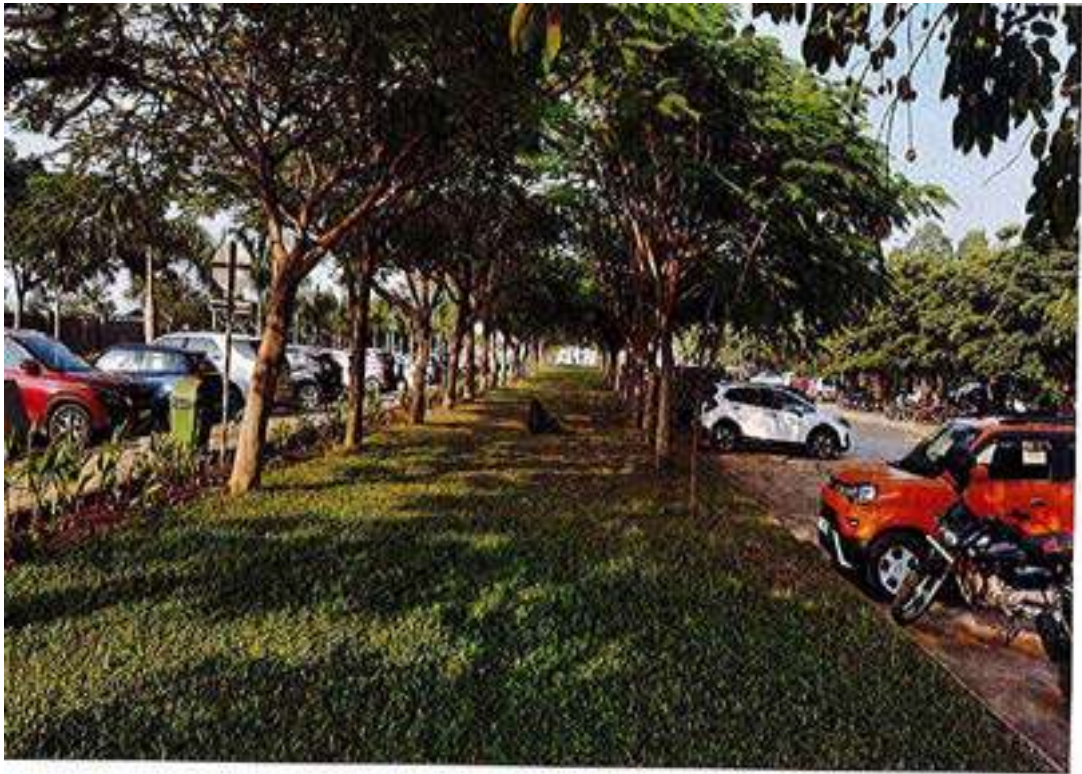
Being the largest residential campus in the region, WOXSSEN University m1111m1zes the transportation of the students & staff. It has a single bus which is used for outdoor transportation. The University provides its students and staff with all the comfort and convenience to help them to achieve their targets. As a result, students and staff will use E- vehicles and bicycles for internal transport. Buses emit approximately 20% less carbon monoxide, 10% as much hydrocarbons, and 75% as much nitrogen oxide per passenger mile as an automobile with a single occupant (Source: Wikipedia).

University Bus Picture:









ELECTRICAL POWER CONSUMPTION AT WOXSSEN UNIVERSITY:

WOXSSEN University, being one of the largest University of Telangana, consumes on an daily average 310 kW- hr (units) of electricity which turns out to be 2700000 kW-hr per year only to maintain its volumetric activities throughout the year. The authority keeps on replacing the old filament bulbs, CFL bulbs and tube lights by low energy consuming LED bulbs and LED tubes and bulky high-power consuming fans by energy efficient fans to keep the electricity consumption of the University as low as possible.

In addition to making Environmental Studies a very vital subject in our syllabus, WOXSSEN University has gone a step further by putting that theory into practice. The University has gone ahead and signed an MOU with Ms Amplus Venus Pvt Ltd towards putting up a solar power plant with a total planning of 2.4MW in 3 progressive phases. The energy from this solar installation shall help in offsetting the institute's daytime peak electricity demand from the grid. In phase I, WOXSSEN University has started work towards erecting solar panels which shall generate 420KVA electricity daily and shall get operational by August 2023. This shall help University in meeting 5-10% of its demand via renewable source of energy and thus moving towards a more reliable and greener option and reducing its carbon footprint.

Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: Phase 1- 5-10% ; Phase 2- 20-30% ; Phase 3- 50-60%

Annual power requirement met by the renewable energy sources (in KWH)

Response: 200000 approx. in phase 1; 450000 in phase 2; 1500000 in phase 3

Total annual power requirement (in KWH)

Response: 2700000 approx.





Power Requirements met by renewable energy sources	Total Power Requirement	Renewable energy Source	Renewable energy generated and used	Energy supplied to the grid
200000 KWH/year	2700000 KWH/Year	Solar	200000 KWH/year	

Total Annual Lighting Power Requirements= 7,50,000 KWH

Total Lighting Requirements	Percentage Lighting through LED Bulbs	Percentage Lighting through other sources
7,50,000 KWH/Year	84%	

Power Consumption Report

Period: June 2024 to November 2024

1. Introduction

Woxsen University is committed to energy efficiency and sustainability. To optimize power consumption, the university has implemented 100% LED lighting with motion sensors in all corridors and common areas. Additionally, both a 327 kWp and 420 kWp solar setup are fully operational, and a 249 kWp solar setup is currently under commissioning to further enhance energy sustainability.

In alignment with the Government of Telangana norms, solar power setups should not exceed 1 Megawatt per connection. With the current commissioned setups, Woxsen University is reaching this 1-Megawatt limit. The university continues to benefit from the adoption of energy-efficient VRV (Variable Refrigerant Volume) HVAC technology introduced last year, which has yielded significant energy savings.

This report provides a comprehensive breakdown of power usage per person, total monthly consumption, and backup power infrastructure.

2. Monthly Power Consumption Overview

S No	Month	Recorded Units (kWh)
1	Jun-24	258,928
2	Jul-24	368,186
3	Aug-24	524,731
4	Sep-24	585,972
5	Oct-24	618,570
6	Nov-24	512,993
Total Consumption		2,869,380 kWh
Average Monthly Consumption		478,230 kWh

3. Cooling Systems Overview

Woxsen University continues to integrate energy-efficient VRV HVAC technology into new building designs while retaining existing split units for cost-efficiency. Detailed insights into energy savings and sustainability benefits are documented in the HVAC System Report.

4. Daily Power Consumption Breakdown (Per Person)

- **Total Population:** 4,778
- **Total Consumption:** 2,869,380 kWh
- **Average Monthly Consumption:** 478,230 kWh
- **Average Daily Consumption:** 15,941 kWh
- **Per Person Daily Power Consumption:**

$15,941 \text{ kWh} \div 4,778 \text{ people} = 3.34 \text{ kWh (Units) per person per day}$

5. Backup Power Supply (DG Set Details)

Woxsen University maintains a robust Diesel Generator (DG) backup system to ensure uninterrupted power supply. The details are as follows:

Allotted Buildings	DG Set Capacity (KVA)
Ladies' Hostels	250 KVA

Green Audit Report, WOU

Gents' Hostels & Sports Facility	500 KVA
Academic Buildings & Cafeteria	1,000 KVA
Total DG Backup Capacity	1,750 KVA

These DG sets support critical operations during power outages, ensuring continuity in academic and residential activities.

6. Sustainability Initiatives

Woxsen University continues to implement several sustainability measures to optimize power consumption:

- **100% LED Lighting & Motion Sensors:** Continued usage of LED Lighting and motion sensors during the building design stage, ensuring ongoing energy savings.
- **Solar Setup:** 327 kWp & 420 kWp Solar Setups are Fully operational & providing significant renewable energy. 249 kWp Solar Setup is Currently under commission to further enhance the renewable energy infrastructure.
- **VRV HVAC Technology:** Continued usage of VRV systems in building designs, ensuring ongoing energy savings.
- **Solar Water Heating Systems:** Solar water heaters have been installed on the rooftops of hostel buildings. These systems provide a sustainable solution for hot water needs throughout the year and contribute to the reduction of the University's carbon footprint.
- **Street Light Shutdown Initiative:** As an additional measure to reduce power consumption, street lighting on campus is shut off daily after 11 PM.

7. Future Plans

To adhere to the Government of Telangana's regulation that limits solar power setups to 1 Megawatt per connection, Woxsen University is planning to secure a second power connection. This additional connection will accommodate up to 1 Megawatt of solar setup for future expansion and new building infrastructure. This initiative demonstrates the university's proactive approach to sustainable energy management and infrastructure development.

8. Conclusion

Woxsen University follows a structured approach to power management and sustainability. With an average monthly power consumption of 478,230 kWh and a per-person daily usage of 3.34 kWh, the university ensures efficient energy utilization. The commissioning of the 249 kWp solar setup will further reinforce Woxsen University's commitment to sustainability and responsible energy management.

Woxsen University Solar Power Generation Details Year 2023 & 2024			
Month	Power Generation (kWh) in Plant 1	Power Generation (kWh) in Plant 2	Total Power Generation (kWh)
Jun-23	8474.78	0	8474.78
Jul-23	31845.33	0	31845.33
Aug-23	42133.69	0	42133.69
Sep-23	34255.58	0	34255.58
Oct-23	47115.09	0	47115.09
Nov-23	33831.45	0	33831.45
Dec-23	37059.47	0	37059.47
Jan-24	38613.88	0	38613.88

Green Audit Report, WOU

Feb-24	42730.09	0	42730.09
Mar-24	46220.03	0	46220.03
Apr-24	43924.13	31838.34	75762.47
May-24	16751.12	60385.52	77136.64
Jun-24	0	51113.85	51113.85
Jul-24	0	40630.62	40630.62
Aug-24	0	45828.66	45828.66
Sep-24	8798.94	41938.44	50737.38
Oct-24	39671.59	27277.76	66949.35
Nov-24	38156.81	26961.29	65118.1
Total	509582	325974	835556

Capital Expenditure Report (Sustainability Initiatives)

1. Introduction

Woxsen University is committed to sustainability and reducing its carbon footprint through strategic investments in energy-efficient and renewable energy technologies. This report highlights the capital expenditures associated with the university’s sustainability initiatives, including renewable energy usage, LED lighting installations, and other green infrastructure projects.

2. Summary of Capital Expenditure

Sustainability Initiative	Details	Capital Expenditure (INR)
Electric Buggies	Procurement of Yamaha and Aquila electric buggies for campus transport	31,00,000
BOV Bikes & Electric Goods Carrier Auto	Acquisition of Ather 450X bikes and goods carrier autos	11,80,200
Motion Sensors for LED Lights	Installation of motion sensors for energy efficiency	6,19,500
VRV HVAC System Integration	Energy-efficient VRV HVAC system integration for optimized cooling	2,21,87,549
Solar Power Charges	Payment for solar power usage (vendor: M/s. Amplus Athena Energy Pvt Ltd)	37,60,004
Solar Water Heating Systems	Installation of solar water heaters for hostel buildings	20,00,000
Heat Resistant Paint	Application of heat-resistant paint to reduce energy usage	4,49,580
Total Capital Expenditure		3,32,94,833

3. Detailed Expenditure Breakdown

Electric Buggies

- **Description:** Yamaha and Aquila electric buggies for campus transportation.
- **Benefits:** Reduction in fuel consumption and carbon emissions.
- **Capital Outlay:** INR 31,00,000

EV Bikes & Electric Goods Carrier Autos

- **Description:** Procurement of Ather 450X bikes and electric goods carrier autos.
- **Benefits:** Efficient and eco-friendly transport solutions.
- **Capital Outlay:** INR 11,80,200

Motion Sensors for LED Lights

- **Description:** Installation of motion sensors to improve energy efficiency in lighting.
- **Benefits:** Reduced power consumption.
- **Capital Outlay:** INR 6,19,500

VRV HVAC System Integration

Green Audit Report, WOU

- **Description:** Deployment of energy-efficient VRV HVAC technology.
- **Benefits:** Optimized cooling and reduced energy consumption.
- **Capital Outlay:** INR 2,21,87,549

Solar Power Charges

- **Description:** Charges for solar power generation provided by M/s. Amplus Athena Energy Pvt Ltd
- **Breakdown:** Installed Capacity - 327 kWp & 420 kWp.
- **Tariff Details:** INR 4.50 per unit (Flat Tariff), compared to Present Day Grid Tariff of INR 8.86 per unit, resulting in savings of INR 4.36 per unit.
- **Benefits:** Enhanced renewable energy utilization and reduced grid dependency.
- **Capital Outlay:** INR 37,60,004

Solar Water Heating Systems

- **Description:** Installation of solar water heating systems for hostels.
- **Benefits:** Sustainable solution for hot water requirements and reduced energy consumption.
- **Capital Outlay:** INR 20,00,000

Heat Resistant Paint

- **Description:** Application of heat-resistant paint to reduce heat absorption.
- **Benefits:** Lower energy usage for cooling.
- **Capital Outlay:** INR 4,49,580

4. Future Plans

Woxsen University remains dedicated to sustainable development. To comply with the Government of Telangana's regulation limiting solar power setups to 1 Megawatt per connection, the university is planning to secure a second power connection. This will support additional solar infrastructure for new building expansions and further reinforce the university's commitment to sustainability.

5. Conclusion

Woxsen University's capital expenditure on sustainability initiatives underscore its proactive approach to environmental responsibility. With investments in solar power, energy-efficient HVAC systems, and smart lighting solutions, the university continues to lead by example in promoting sustainability and responsible energy management.

Emission Report

Period: Jan 2023 to Dec 2023

1. General Formula for Emission Sources

Emissions (tCO₂e) = Activity Data × Emission Factor

- **Activity Data:** The quantity of fuel used, electricity consumed, distance travelled, etc.
- **Emission Factor:** The amount of CO₂e emitted per unit of activity (varies by fuel type, electricity grid mix, etc.).

2. Total Scope 1 and 2 Emissions (tCO₂e)

Scope 1 Emissions:

Direct emissions from sources owned or controlled by the university (e.g., fuel combustion in vehicles, boilers, or generators).

- **Diesel/Petrol Consumption: 31,269 Liters**
- **LPG Gas Consumption: 72,250 kg (Reduced by 15%)**

Emission Factors:

- **Diesel: 2.68 kg CO₂e per liter**
- **LPG Gas: 3.00 kg CO₂e per kg**

Calculation:

- **Diesel/Petrol: 31,269 liters × 2.68 kg CO₂e/liter = 83,797 kg CO₂e (83.8 tCO₂e)**
- **LPG Gas: 72,250 kg × 3.00 kg CO₂e/kg = 216,750 kg CO₂e (216.8 tCO₂e)**
- **Total Scope 1 Emissions: 83.8 + 216.8 = 300.6 tCO₂e**

Scope 2 Emissions:

Indirect emissions from purchased electricity, steam, heating, and cooling.

- **Electricity Consumption: 4,076,144 kWh**
- **Emission Factor (Telangana Grid): 0.716 kg CO₂/kWh**

Calculation:

- **4,076,144 kWh × 0.716 kg CO₂e/kWh = 2,917,480 kg CO₂e (2917.5 tCO₂e)**

Total Scope 1 + 2 Emissions:

- $300.6 + 2917.5 = 3,218.1 \text{ tCO}_2\text{e}$

3. Scope 3 Emissions (tCO₂e)

Scope 3 includes indirect emissions from activities such as employee commuting, business travel, waste disposal, and supply chain.

Employee Commuting Data:

- **Employees commuting by Car:** 50
- **Employees commuting by Bike:** 130
- **Employees commuting by Coach Bus:** 70
- **Employees commuting by Public Transportation:** 80
- **Total Day Scholars:** 330

Emission Factors (kg CO₂e per km)

Vehicle Type	Fuel Type	Emission Factor (kg CO ₂ e/km)
Medium Motorcycle (150-500cc)	Petrol	0.10
Car (Small/Compact)	Petrol/Diesel	0.15
Coach Bus (30-40 seats)	Diesel	0.04
City Bus (Public Transport) (40-60 seats, high occupancy)	Diesel	0.045

Calculation:

- **Motorcycle Commuters:** 130 employees × 40 km/day × 200 days × 0.10 kg CO₂e/km = **104,000 kg CO₂e (104 tCO₂e)**
- **Car Commuters:** 50 employees × 40 km/day × 200 days × 0.15 kg CO₂e/km = **60,000 kg CO₂e (60 tCO₂e)**
- **Coach Bus Commuters:** 70 employees × 40 km/day × 200 days × 0.04 kg CO₂e/km = **22,400 kg CO₂e (22.4 tCO₂e)**
- **Public Transport Bus Commuters:** 80 employees × 40 km/day × 200 days × 0.045 kg CO₂e/km = **28,800 kg CO₂e (28.8 tCO₂e)**

Total Scope 3 Emissions: 104 + 60 + 22.4 + 28.8 = **215.2 tCO₂e**

4. Baseline Year: 2020

Woxsen University began recording emissions in 2020, making this the baseline year for tracking progress.

Total Scope 1 & 2 for Baseline Year (2020):

- **Electricity Consumption:** 630,240 kWh
- **Diesel Consumption:** 10,000 liters

Scope 1 Emissions: 10,000 liters × 2.68 kg CO₂e/liter = 26,800 kg CO₂e (26.8 tCO₂e)

Scope 2 Emissions: 630,240 kWh × 0.716 kg CO₂e/kWh = 451,252 kg CO₂e (451.2 tCO₂e)

Total Scope 1 + 2 Emissions for 2020: 26.8 + 451.2 = **478 tCO₂e**

5. Energy Generated from Renewable Sources (kWh):

Woxsen University has installed solar panels; energy generation calculations depend on the installed capacity and efficiency.

(Refer to the Power Consumption Report for detailed information.)

6. Water Consumption (m³):

- **Total Water Consumption:** 437,640 liters
- **Converted to m³:** 437,640 liters ÷ 1,000 = **437.64 m³**

7. Energy Consumption (kWh/year):

- **Total Energy Consumption:** **4,076,144 kWh**

(For further details, refer to the relevant reports.)

Emission Report

Period: Jan 2024 to Dec 2024

1. General Formula for Emission Sources

Emissions (tCO₂e) = Activity Data × Emission Factor

- **Activity Data:** The quantity of fuel used, electricity consumed, distance travelled, etc.
- **Emission Factor:** The amount of CO₂e emitted per unit of activity (varies by fuel type, electricity grid mix, etc.).

2. Total Scope 1 and 2 Emissions (tCO₂e)

Scope 1 Emissions:

Direct emissions from sources owned or controlled by the university (e.g., fuel combustion in vehicles, boilers, or generators).

- Diesel/Petrol Consumption: 36,787 Liters
- LPG Gas Consumption: 85,000 kg

Emission Factors:

- Diesel: 2.68 kg CO₂e per liter
- LPG Gas: 3.00 kg CO₂e per kg

Calculation:

- Diesel/Petrol: 36,787 liters × 2.68 kg CO₂e/liter = 98,589 kg CO₂e (98.6 tCO₂e)
- LPG Gas: 85,000 kg × 3.00 kg CO₂e/kg = 255,000 kg CO₂e (255.0 tCO₂e)
- Total Scope 1 Emissions: 98.6 + 255.0 = 353.6 tCO₂e

Scope 2 Emissions:

Indirect emissions from purchased electricity, steam, heating, and cooling.

- Electricity Consumption: 5,478,978 kWh
- Emission Factor (Telangana Grid): 0.716 kg CO₂/kWh

Calculation:

- 5,478,978 kWh × 0.716 kg CO₂e/kWh = 3,923,664 kg CO₂e (3923.6 tCO₂e)

Total Scope 1 + 2 Emissions:

- 353.6 + 3923.6 = 4,277.2 tCO₂e

3. Scope 3 Emissions (tCO₂e)

Scope 3 includes indirect emissions from activities such as employee commuting, business travel, waste disposal, and supply chain.

Employee Commuting Data:

- **Employees commuting by Car:** 50
- **Employees commuting by Bike:** 150
- **Employees commuting by Coach Bus:** 100
- **Employees commuting by Public Transportation:** 100
- **Total Day Scholars (Staff):** 400

Emission Factors (kg CO₂e per km)

Vehicle Type	Fuel Type	Emission Factor (kg CO ₂ e/km)
Medium Motorcycle (150-500cc)	Petrol	0.10
Car (Small/Compact)	Petrol/Diesel	0.15
Coach Bus (30-40 seats)	Diesel	0.04
City Bus (Public Transport) (40-60 seats, high occupancy)	Diesel	0.045

Calculation:

- **Motorcycle Commuters:** 150 employees × 40 km/day × 200 days × 0.10 kg CO₂e/km = **120,000 kg CO₂e (120 tCO₂e)**
- **Car Commuters:** 50 employees × 40 km/day × 200 days × 0.15 kg CO₂e/km = **60,000 kg CO₂e (60 tCO₂e)**
- **Coach Bus Commuters:** 100 employees × 40 km/day × 200 days × 0.04 kg CO₂e/km = **32,000 kg CO₂e (32 tCO₂e)**
- **Public Transport Bus Commuters:** 100 employees × 40 km/day × 200 days × 0.045 kg CO₂e/km = **36,000 kg CO₂e (36 tCO₂e)**

Total Scope 3 Emissions: 120 + 60 + 32 + 36 = **248 tCO₂e**

4. Baseline Year: 2020

Woxsen University began recording emissions in 2020, making this the baseline year for tracking progress.

Total Scope 1 & 2 for Baseline Year (2020):

- **Electricity Consumption:** 630,240 kWh
- **Diesel/Petrol Consumption:** 10,000 liters

Scope 1 Emissions: 10,000 liters × 2.68 kg CO₂e/liter = 26,800 kg CO₂e (26.8 tCO₂e)

Scope 2 Emissions: 630,240 kWh × 0.716 kg CO₂e/kWh = 451,252 kg CO₂e (451.2 tCO₂e)

Total Scope 1 + 2 Emissions for 2020: 26.8 + 451.2 = **478 tCO₂e**

5. Energy Generated from Renewable Sources (kWh):

Woxsen University has installed solar panels; energy generation calculations depend on the installed capacity and efficiency.

(Refer to the Power Consumption Report for detailed information.)

6. Water Consumption (m³/Day):

- **Total Water Consumption:** 549,470 liters
- **Converted to m³:** 549,470 liters ÷ 1,000 = **549.47 m³**

7. Energy Consumption (kWh/year):

- **Total Energy Consumption:** **5,478,978 kWh**

(For further details, refer to the relevant reports.)

Q1
by ERS



Woxsen- Ethics, Responsibility & Sustainability

Quarterly
ERS Activity
Report Edition - 1

#1 Jan-Mar 2024



1.1 Creating Connection and Comfort: Centre of Excellence-Diversity, Equity and Inclusion Assessment of Old Age Home.	01
1.2 Sustainable Living in Focus: Woxsen University's Efforts to Promote Hygiene and Environmental Responsibility.	01
1.3 Bridging Gaps: How Student Volunteers are Enhancing Education for Children of Construction Workers.	02
1.4 Community Connections: A Day of Service and Support.	02
1.5 Panel Discussion Insights: The Overlooked Voices in the Ayurvedic Beauty Industry.	03
2.1 Seminar on SGD Aligned Research Works or Sustainable Solutions: Woxsen University's Seminar on SDG-Aligned Research.	03
2.2 Webinar of Personal Carbon Footprint.	04
2.3 Dental Health Camp at Woxsen University: A Step Towards Healthier Smiles.	04
2.4 Wetlands for Human Well being – Sustainable Development for Greener Tomorrow.	04
2.5 The Curious Case of Button Masala.	05
2.6The Third International Ethics Advisory Board Meeting.	05
2.7 Breaking the Silence: Unveiling Menstruation Challenges and Advocating Workplace Inclusivity.	05
2.8 Gender and Gesture, Beyond Boundaries, Beyond Photography, International Photography Competition.	05
2.9 Harmony in Green: The Essence of Environmental Responsive Design for Sustainable and Resilient Structures.	07
2.10 Religion and Environmental Crisis: The Case of Arabi Malayalam Disaster Ballads.	07
2.11 Justice for All: Observing World Day of Social Justice.	08
2.12 Women Empowerment and Safety	08
2.13 Generative AI for Digital Marketing	10
2.14 National Science Day Event-2024 "Vigyanshala" and Satheesh Reddy Physics Lab Inauguration.	10

2.15 Generative AI for Digital Marketing	11
2.16 EmpowerIT: Bridging the IT Skills Gap for Underprivileged Children.	11
2.17 Project legacy	12
2.18 Renovation work of Government Boys Hostel.	12
3.1 Woxsen University Students Visit Waste Water Treatment Plant for Field Study.	12
3.2 Woxsen University BBA Students Explore CSR and Sustainability Practices.	13
3.3 Woxsen University Organizes ERS Activity on Applications of Mathematics for School Students.	13
3.4 Empowering Rural Resilience: The Evolution of Smart Villages.	14
3.5 Workshop at Rescue Foundation – Unconventional and Nature Inspired Fashion	14
3.6 Paper presentation at the International Conference on Indian Knowledge Systems for Achieving Sustainable Development Goals.	14
3.7 Enlightened Perspectives – Book Reading Session.	15
3.8 Designing the Logo for Indigenous Youth Story Telling Circles.	15
3.9 Redesigning for Sustainability: Exploring Alternative Materials and Construction Techniques.	16
3.10 Awareness Programme for School Children on Environment Sustainability and Biodiversity Conservation.	16
3.11 Spotlight on Villages	17
3.12 Awareness Session for Girls on Muslim Personal Law related to marriage and divorce.	17
3.13 Bal-Vikash (Teaching Activity for School Students)	18
3.14 Elevate 3.0: Empowering Future Generations through Education and Creativity.	18

1.1 Creating Connection and Comfort: Centre of Excellence -Diversity, Equity and Inclusion Assessment of Old Age Home

UN SDG: 3, 10

On 14th January 2024, a team from the Centre of Excellence for Diversity, Equity, and Inclusion (COE-DEI) visited Grace Old Age Home in Miyapur, Hyderabad. The objective of the visit was to assess the living conditions of the elderly residents, engage with them, and explore ways to support their well-being. The team found the infrastructure generally well-maintained but highlighted areas for improvement, such as repairing pathways to make the facility more accessible.

During conversations with the residents, the executives noted a strong sense of loneliness and a need for greater social interaction. While the staff was dedicated, there was room for enhancing their caregiving skills, especially in fostering empathy and emotional support.

The team recommended improving infrastructure, organizing more social activities, and providing staff training to enhance the emotional well-being of residents. They also suggested health and wellness programs and community engagement to create intergenerational bonds.

Overall, the visit emphasized the importance of creating an emotionally nurturing environment, ensuring Grace Old Age Home not only meets the physical needs of its residents but also enhances their quality of life through greater care and community involvement.

01

1.2. Sustainable Living in Focus: Woxsen University's Efforts to Promote Hygiene and Environmental Responsibility

UN SDG: 3, 11, 6

The Indian Constitution, through the 42nd Amendment, underscored the nation's commitment to environmental protection. Articles 48A and 51A mandate the state and citizens, respectively, to safeguard the environment and its resources. In alignment with these constitutional principles, the School of Law at Woxsen University organized an awareness program in Kamkole on January 24, 2024. The event aimed to educate the local community about the detrimental health implications of neglecting cleanliness, hygiene, and sanitation.

The program emphasized the significance of sustainable living and the role of individual choices in preserving the environment. Participants were urged to adopt practices that align with the principles of inter-generational equity. Cleanliness, a cornerstone of healthy living, was highlighted as a collective responsibility. The program underscored that by maintaining a clean environment, individuals can improve their physical well-being and contribute to a more sustainable future for generations to come.



1.3 Bridging Gaps: How Student Volunteers are Enhancing Education for Children of Construction Workers

The School of Architecture and Planning initiated a series of learning sessions for the children of construction workers. These sessions, targeting children between the ages of 4 and 14, aimed to engage the young participants in creative learning experiences. The first phase of the program commenced on 14th November 2023 and spanned 12 weekends, concluding on 3rd February 2024. Initially, the sessions welcomed nine children, but as the initiative gained momentum, more children joined, resulting in 18 participants in the final weekends.

The sessions were driven by student volunteers, who, under the guidance of faculty mentors, tailored the learning experience to the children's interests and needs. Rather than following a rigid curriculum, the volunteers encouraged the children to express what they wanted to learn on any given day and developed the sessions from there. In addition to teaching, the volunteers distributed essential stationery items such as notebooks, pencils, erasers, and sharpeners, ensuring the children had the tools they needed to participate fully.



UN SDG: 4, 10

Throughout the program, the children learned and practiced English language skills, including alphabets, words, and sentences. They also engaged in mathematics, focusing on arithmetic and multiplication tables. Creative activities, such as drawing, coloring, origami, and solving puzzles, were incorporated to stimulate their imaginations and foster problem-solving skills. These learning sessions not only provided the children with educational support but also gave them a platform to develop confidence and curiosity.

For the student volunteers, this ERS activity was an invaluable opportunity to practice empathy and apply their skills in a meaningful way. By contributing to the education of children who, due to temporary circumstances, could not attend formal schooling, the students demonstrated a commitment to social responsibility. The initiative was a powerful example of how small, consistent efforts can create lasting impacts on both the participants and the volunteers involved.

1.4 Community Connections: A Day of Service and Support

UN SDG: 2, 3

On January 22, 2024, COE-Advanced Energy Systems and New Age Technology, in collaboration with local temple authorities, organized a significant Employee Social Responsibility (ERS) event aimed at enhancing community welfare through food distribution and support for temple rituals. The event saw the enthusiastic participation of key individuals, including Dr. Prashant Kumat, Dr. Bhargav Prajwal, Dr. Bhanu Prakash, and 21 dedicated B.Tech students. Volunteers played a crucial role in distributing food to local residents, with meticulously planned logistics ensuring an efficient and equitable process that addressed community needs.

The ERS initiative yielded several important outcomes, including strengthened community connections, heightened awareness about social responsibility among B.Tech students, and a demonstration of COE's commitment to making a positive impact beyond academic boundaries. The dedication and enthusiasm displayed by team members and students reinforced the organization's commitment to social responsibility and community involvement.



1.5 Panel Discussion Insights: The Overlooked Voices in the Ayurvedic Beauty Industry

UN SDG: 10, 12

On February 2, 2024, the School of Liberal Arts and Humanities hosted a panel discussion focused on high-end wellness companies like Forest Essentials and Kama Ayurveda. While these brands promote Ayurvedic traditions, the absence of tribal communities—traditional guardians of these resources—from stakeholder discussions is a significant concern.

The panel highlighted the shift from artificial to natural products, emphasizing how this trend often exploits tribal populations who lack agency over their forest resources. External cultural influences have led to a perception that artificial products are superior, overshadowing local remedies.

Luxury pricing of products, such as a "brightening ghee cream" for 2,500 rupees, makes them inaccessible to lower-income groups, primarily targeting urban consumers. The discussion called for critical analysis and policy reforms to include tribal stakeholders, recognizing their vital role in the commercialization of their knowledge. This inclusion is essential for creating a more sustainable and equitable wellness industry.



02



James A.F. Stoner is a distinguished professor of Management Systems at Fordham University's Gabelli School of Business and holds the prestigious James A.F. Stoner Chair in Global Quality Leadership. With a background in engineering and management from MIT, Stoner has made significant contributions to the fields of quality management, sustainability, and leadership. He is also a prolific author, consultant, and speaker, with a global influence through his executive seminars and advisory roles for major companies.

2.1 Seminar on SGD Aligned Research Works or Sustainable Solutions: Woxsen University's Seminar on SDG-Aligned Research

UN SDG: A11, 17

On February 7th, Woxsen University's School of Business hosted a vibrant seminar featuring Prof. James Stoner's keynote address and a masterclass. The event included presentations on SIG-aligned work by faculty and students, panel discussions, and insights from nonprofit organizations. Faculty development workshops focused on interdisciplinary approaches to teaching sustainability, while video posters from global participants showcased innovative ideas. The seminar highlighted Woxsen University's dedication to fostering knowledge exchange and promoting sustainability in higher education.

2.2 Webinar of Personal Carbon Footprint

UN SDG: 4, 12, 13

Woxsen University's School of Business recently hosted a webinar on personal carbon footprint reduction, led by Dr. Tauseef. The session explored practical strategies to minimize individual environmental impact. Dr. Tauseef's insights sparked engaging discussions, and the success of the event has prompted plans for future sustainability initiatives.

The poster is for a webinar titled "Carbon Reduction Journey" at Woxsen University. It features a dark blue background with white and purple text. At the top right is the Woxsen University logo. The main title "Carbon Reduction Journey" is in large white font. Below it, the date "27th Feb, 2024 Tuesday" and time "9:15-10:30 AM" are listed. A QR code is provided for joining the meeting. The speaker list includes Dr. Tauseef (Sr. Sustainability and Environment Compliance Professional, LNG, Canada) and three other facilitators: Dr. Indira Das M (Associate Professor, SCM, Woxsen University), Lavanya (B.Com honors 2022-23), and Adithyan (B.Com honors 2022-23). The website www.woxsen.edu.in is at the bottom left.



2.3 Dental Health Camp at Woxsen University: A Step Towards Healthier Smiles

UN SDG: 3, 17

School of Technology at Woxsen University partnered with Roy's Dental Clinic to host a free dental check-up camp on February 7, 2024. The event, held at the Law Block, aimed to promote oral health awareness among students, faculty, and staff. Led by dental experts Dr. Joseph Roy and Dr. Musadaq Mohammed, emphasizing the connection between oral health and overall well-being.

2.4 Wetlands for Human Wellbeing – Sustainable Development for Greener Tomorrow,

UN SDG: 13, 14, 15, 17

In celebration of World Wetlands Day on February 2, 2024, the School of Arts and Design (SOAD) at Woxsen University, in collaboration with TERRE Policy Centre, Pune, organized a poster and creative writing competition for students. This event aimed to raise awareness about the importance of wetlands and their role in human well-being, aligning with the global theme for World Wetlands Day 2024. The event also highlighted the significance of the Ramsar Convention, a treaty adopted in 1971 to protect wetlands of international importance. India, a key signatory since 1982, boasts 80 Ramsar sites, the highest in South Asia, though many of these sites require urgent conservation efforts.

Through the competition, SOAD sought to educate students and faculty on the importance of wetlands, their contribution to the ecosystem, and the need for public commitment to conservation. The event marked the beginning of a series of activities planned in partnership with TERRE Policy Centre.

2.5 The Curious Case of Button Masala

UN SDG: 9, 12

The Department of Fashion Design at Woxsen University's School of Architecture and Design (SOAD) recently hosted an insightful three-day workshop for Semester VI students, focused on sustainable fashion trends and techniques. The workshop introduced the innovative 'Button Masala' technique, invented by renowned fashion designer Anuj Sharma. This creative method involves using just buttons and rubber bands to create endless garment designs from a single piece of fabric. The simplicity, speed, and sustainability of this technique make it a revolutionary approach to fashion design, offering an alternative to the wasteful practices of the fast fashion industry.

The goal of the workshop was twofold: to raise awareness about the environmental impact of fast fashion and to provide practical, sustainable solutions. Students were encouraged to rethink traditional fashion design methods and adopt the values of sustainability in their creative processes. By learning the 'Button Masala' technique, they discovered how to create versatile, eco-friendly garments while minimizing fabric waste. The workshop also featured a display arena where students and visitors from the Woxsen community could observe the outcomes and reflect on the importance of responsible fashion choices in everyday life.

The workshop emphasized that sustainable fashion is not just a trend but a necessary shift in mindset. It aimed to inspire participants to incorporate sustainable design principles into their future careers, making eco-conscious decisions that can drive positive change within the fashion industry.



Fashion designer Anuj Sharma specializes in craft development and sustainability, while also exploring human behavior through fashion. His work has been showcased internationally, including in Japan, the UK, Sweden, Bangladesh, and at Lakme Fashion Week in Mumbai.

2.6 The Third International Ethics Advisory Board Meeting

UN SDG: A11, 17

On February 13, 2024, Woxsen University's School of Arts & Design (SOAD) hosted the 3rd International Ethics Advisory Board (IEAB) meeting. The board was briefed on the university's strategic focus, known as the Five Pillars, which include research, internationalization, corporate alignment, Ethics, Responsibility, and Sustainability (ERS), and entrepreneurship. A special emphasis was placed on the future plans of the ERS initiatives at SOAD. The board learned about SOAD's Social Immersion course, designed to expose students to real-world challenges, and the school's commitment to capacity-building programs for citizens through the Centre for Excellence, aligning with Woxsen's ERS vision. Students at SOAD are engaged in research on crucial global issues such as climate change, sustainability, and unorganized economies. SOAD's contributions to Sustainable Development Goals (SDG) 5 – gender equality, and SDG 13 – climate action, were also highlighted. In conclusion, IEAB members commended SOAD's efforts in addressing social and environmental issues through innovative academic and research activities. They also expressed interest in international collaboration, noting the market potential of SOAD's innovations and its alignment with the broader ERS mission of Woxsen University.

2.7 Breaking the Silence: Unveiling Menstruation Challenges and Advocating Workplace Inclusivity

UN SDG: 3, 5

Woxsen University's School of Arts & Design, led by Dr. Adity Saxena, has launched the project "Breaking the Silence: Unveiling Menstruation Challenges and Advocating Workplace Inclusivity." The initiative focuses on highlighting the struggles women face during menstruation at work, aiming to foster a more inclusive and supportive work environment. Through interviews with women from various industries, the project collects personal stories on the emotional and physical challenges of menstruation, while addressing societal taboos and workplace empathy.

The goal is to promote understanding and ensure inclusivity across industries, ethnicities, and socioeconomic backgrounds. By advocating for greater awareness, this project aims to create positive change around menstruation challenges, contributing to a more gender-inclusive workplace environment.

2.8 Gender and Gesture, Beyond Boundaries, Beyond Photography, International Photography Competition

UN SDG: 5

The Gender & Gesture: Beyond Boundaries, Beyond Photography is an international photography competition that represents a remarkable cross-cultural collaboration between the University for the Creative Arts, Farnham, and the School of Arts & Design, Woxsen University. This innovative project brings together diverse perspectives, creative talents, and cultural influences to explore the dynamic intersection of gender and gesture, transcending traditional boundaries of photography.

The competition serves as a captivating visual journey, highlighting how gender identity and expression are portrayed through the subtle art of gesture. The participants have pushed the conventional limits of the medium, crafting images that challenge societal norms and provoke thoughtful discussion around gender roles and representation.

The competition's impact goes beyond mere visual art—it fosters cross-cultural dialogue, creating a global platform for artists to express their unique interpretations of gender and gesture. This evolving project continues to inspire and engage, paving the way for future creative collaborations and conversations about gender in the visual arts.



Organized by WOXSEN UNIVERSITY

INTERNATIONAL

ETHICS ADVISORY BOARD MEETING

School of Arts and Design

13th FEB, 2024
16:50 IST

in

ADVISORY BOARD MEMBERS



 DR. DILRAJ ARORA Dean, School of Business Leadership and Entrepreneurship Yorkville College, USA	 NEHAL MEHTA Head, HR & Admin Woxsen, South Africa	 Dr. Monique Ste-Croix PhD Department of Communication USA	 Prof. Dr. Anil Talwar Dean, School of Design South Africa
 PROF. COLIN CLARK Professor of Accounting, Director Centre for Business Analytics Melbourne	 MARSHA MACLELLAN Executive Director, Toronto	 NANDINI LITALNOW Senior Quality Analyst Woxsen, India	 GAURI RAJNI CEO of Woxsen Institute of South Africa
 JEASON MACLELLAN Professor, Sustainability Institute of Innovation and Design	 ADARSH KAMA Head and Professor, HR Center Woxsen, India		



2.9 Harmony in Green: The Essence of Environmental Responsive Design for Sustainable and Resilient Structures

UN SDG: 11

The School of Architecture and Planning, Woxsen University, embarked on an insightful field trip to the Rural Technology Park (RTP) at the National Institute of Rural Development and Panchayati Raj (NIRDPR). This experience, intricately linked to academic subjects such as Environment Responsive Design, Acoustics & Illumination, and Low-Cost Building Techniques, offered students a practical understanding of sustainable living and innovative construction practices. The students observed and documented various house types, inspired by different regions of India, gaining valuable insights into cost-effective, eco-friendly building methods. The implementation of Laurie Baker techniques provided a firsthand perspective on the benefits of low-cost, sustainable construction. Additionally, a session with Mr. MD Khan, Senior Consultant at NIRDPR, ignited their entrepreneurial spirit and passion for promoting sustainability in architecture.

The field trip aimed to explore crucial aspects such as energy efficiency, sustainable materials, carbon footprint reduction, and community engagement within the built environment. Moreover, the trip emphasized the importance of involving local communities in the design process, ensuring that structures meet their needs while enhancing the surrounding environment. This immersive learning experience has equipped future architects with the practical knowledge and tools needed to develop sustainable design solutions. By merging academic concepts with real-world applications, Woxsen University is fostering a generation of architects committed to creating responsible, environmentally conscious structures.



2.10 Religion and Environmental Crisis: The Case of Arabi Malayalam Disaster Ballads

UN SDG: 13



Dr. Ophira Gamliel, Lecturer in South Asian Religions, School of Critical Studies, University of Glasgow United Kingdom

Gamliel, Lecturer in South Asian Religions, School of Critical Studies, University of Glasgow

Dr. Ophira Gamliel delivered a keynote address as part of the *Pierre Bourdieu Virtual Lecture Series - 3*, focusing on the impact of environmental disasters and the role of religion in coping with them. Drawing from her fieldwork in Kerala, she examined how early 20th-century disasters, such as the 1924 flood and the 1909 cyclone, were memorialized in Arabi Malayalam disaster ballads. These ballads offer insight into how communities responded to and remembered such catastrophic events. Dr. Gamliel connected these historical events to more recent disasters, such as the 2018 Kerala floods and a cyclone in Bangladesh, demonstrating the lasting influence of past experiences on modern-day responses.

Her lecture emphasized the distinction between natural and manmade disasters, noting that while some disasters occur naturally, many are worsened by human actions, particularly in fragile ecosystems. The discussion also explored the impact of human intervention on climate change and raised important questions about how religion helps people recover from disasters. Dr. Gamliel highlighted the way religious beliefs often motivate individuals to take courageous and compassionate actions to assist those in need during crises.

With 2024 projected to be one of the warmest years on record, this discussion underscored the urgency of addressing environmental issues. Dr. Gamliel encouraged a forward-looking approach, asking how we can begin protecting the environment and what actions should be prioritized.

In conclusion, the lecture examined the potential role of religion in environmental protection and emphasized the need for a deeper exploration of this connection. Dr. Gamliel offered a semester course titled *Religions, Cultures, and Environmental Crisis* to further investigate these topics and encourage students to consider the intersection of religious values and environmental sustainability.

2.11 Justice for All: Observing World Day of Social Justice

UN SDG: 4,10,16,17

On February 23, 2024, the School of Law at Woxsen University commemorated *World Social Justice Day* with a series of meaningful events aimed at promoting a deeper understanding of social justice. Held at the Woxsen University campus, the event welcomed participants from both the university and a nearby government girls' school in Sadashivpet. In-house students, along with their peers from the local school, actively engaged in discussions that focused on the relevance of social justice in the legal realm. The day began with students expressing their views on social justice, followed by an awareness session titled "Social Justice in India," which provided valuable insights into the concept. Social justice, as discussed during the event, involves the fair distribution of resources, opportunities, and privileges, ensuring that systemic inequalities are addressed and all individuals have equal access to fundamental rights, regardless of their socio-economic background or identity.

A significant portion of the event was dedicated to gender equality, a key component of social justice. The discussions emphasized gender equality as a fundamental human right, deeply embedded in the Indian Constitution and critical to building a fair and just society. The event highlighted the importance of collective action from individuals, communities, and governments to combat gender-based discrimination.

Event Highlights:

1. **Speech Competition:** Students from Woxsen University and nearby schools participated in a speech competition, presenting diverse perspectives on social justice, and fostering a vibrant exchange of ideas.
2. **Awareness Session:** Dr. Sreelatha, Dean of the School of Law, led an interactive session on social justice, encouraging students to engage in open discussions and explore the various dimensions of social justice in the Indian context.

The celebration underscored the importance of social justice in creating an equitable society, reinforcing Woxsen University's dedication to promoting legal awareness and social responsibility.

2.12 Women Empowerment and Safety

Rise & Thrive: Women Leading Safely/ Safe She: Empowering Women, Securing Futures/ Empower her: Strength & Safety Unleashed

UN SDG: 5

The "Women Empowerment and Safety" ERS activity, organized by the School of Sciences at Woxsen University on February 9th, 2024, was designed to empower women and girls by providing them with essential knowledge, skills, and resources to enhance their personal and professional lives. With 500 participants, including faculty members and students, the event aimed to inspire and raise awareness about women's safety, legal rights, and personal growth. The sessions, led by Mrs. Saritha IPS, SP of the Women Protection Cell, CID, AP, and Advocate Vallala Nagaraju, focused on legal perspectives surrounding women's safety, addressing sexual harassment, and promoting resilience and mental well-being. The resource persons conducted interactive sessions that encouraged open discussions, allowing participants to share concerns and gain insights into critical issues affecting women. These conversations emphasized the importance of women understanding their legal rights and the measures they can take to protect themselves in unsafe situations.

The active involvement of faculty members, students, and resource persons made the event a success. The initiative highlighted the significance of collaboration in fostering a safe and empowering environment for women. The program concluded with positive feedback, reinforcing the importance of continued efforts to raise awareness about women's safety and empowerment within educational and public spaces. Overall, the "Women Empowerment and Safety" event succeeded in its mission to educate and inspire women, providing them with the knowledge and confidence to address challenges and contribute to structural changes that promote gender equality and safety.



Mrs. KGV Saritha IPS
SP Women Protection Cell, CID, AP



Advocate Vallala Nagaraju
Member of the Indian Police Foundation & Institute IPI
and Indian Society of Criminology ISC, Telangana



2.13 Generative AI for Digital Marketing

UN SGD: 4, 8, 9

Between the 12th and 19th of February 2024, the School of Science at Woxsen University organized a 5-day workshop titled "Generative AI for Digital Marketing" for undergraduate students. The goal was to provide knowledge and resources on generative AI and its applications in digital marketing, while also enhancing the professional skills of the participants. The workshop aimed to offer an inspiring and impactful experience. A total of 30 students participated, including 18 non-Woxsen students from Telangana Social Welfare Residential Degree College of Commerce for Women (TSWRDCCW), located in the Sangareddy district.

The event involved active participation from faculty members, laboratory instructors, and students from the School of Science, further enriching the learning experience. In addition, several professors who were integral to the program delivered lectures during the five-day event. These included Prof. Debdutta Choudhury, Associate Dean at Woxsen University; Dr. Daya Shankar, Dean of the School of Science; Dr. Beauty Pandey, Associate Professor at the School of Science; Dr. Ramakrishna Madaka, Assistant Professor at the School of Science; and Mr. T Charan Sanjeev, Startups Coordinator - Trade Tower, Woxsen University.

Throughout the workshop, topics related to both marketing and generative AI were explored in depth. The sessions offered crucial insights and practical takeaways for marketers, with workshops such as "Ways of Digital Marketing" and "Marketing Position." Attendees also gained a thorough understanding of how to apply generative AI in content creation, personalization, and data analytics, through presentations on topics like "Implementing Generative AI in Marketing Strategies" and "Smart Solutions: AI-enhanced Research Tools."

The event successfully fulfilled its purpose by exploring real-world case studies, inspiring participants to integrate generative AI into their marketing practices. The 5-day ERS activity on generative AI had a significant impact on digital marketing, with the success of the skill development workshop extending beyond the event itself. The collaborative efforts fostered a culture of learning and empowerment among participants, creating a transformative experience for all involved. The workshop also achieved its mission of equipping students with knowledge on digital marketing, generative AI technologies, sustainable marketing strategies, and smart tools for market research.

2.14 National Science Day Event-2024 "Vigyanshala" and-Satheesh Reddy Physics Lab Inauguration

UN SGD: 4, 9, 17



G. Satheesh Reddy is an Indian aerospace scientist who served as the chairman of DRDO from 2018 to 2022 and is the Scientific Adviser to the Defence Minister. Born in Mahimaluru, Andhra Pradesh, he earned his engineering degree from JNTU Anantapur and later completed his M.S. and Ph.D. at JNTU Hyderabad. Reddy began his career at the Defence Research and Development Laboratory (DRDL) and played a key role in developing advanced missile systems and India's successful Anti-Satellite (ASAT) missile test, Mission Shakti. He has received numerous accolades, including the AIAA Missile Systems Award and the Homi J. Bhabha Gold Medal.

The School of Science at Woxsen University organized a two-day event on February 27th and 28th to celebrate National Science Day and inaugurate the "Satheesh Reddy Physics Laboratory." The event was attended by 160 participants, including students from government and private schools, volunteers from the School of Science, and special guest Dr. G. Satheesh Reddy, Scientific Adviser to the Raksha Mantri, Ministry of Defence. The Vice President and Dean of the School of Science, along with other associated professors, were also present.

Dr. Satheesh Reddy, the honored guest, shared profound insights, emphasizing the critical importance of scientific research and innovation, which served as a source of inspiration for young minds embarking on their scientific journeys. The day was designed to provide participants with an inspiring and impactful experience. In line with the theme of National Science Day 2024, "Indigenous Technologies for Vikshit Bharat," the School of Science also organized a Project Expo. Aspiring young scientists from various government and private schools gathered at the university to showcase their talents and innovative technologies.

Prizes were awarded to standout prototypes, with recognition for the 1st and 2nd runners-up. Three consolation prizes were also distributed to encourage student efforts. Additionally, certificates of participation were awarded by P. Siddareddy, District Science Officer, and Anjaiah, Mandal Educational Officer, in recognition of the students' commendable contributions.

The event was a resounding success, highlighted by articulate student presentations that underscored a commitment to advancing indigenous technologies for a developed and sustainable India. National Science Day holds special significance as a platform for students from various schools to demonstrate their scientific expertise. The Expo showcased a fusion of innovation, scientific skill, and the pursuit of solutions for a technologically empowered nation.

2.15 Woxsen University Hosts Interactive Learning Session for Kamkole Government School Students

UN SGD: 4, 8, 9

On February 8th, Woxsen University welcomed students from Kamkole Government School for a special reading hour and interactive learning session. The initiative aimed to improve the students' speaking and communication skills, while fostering a love for reading and storytelling through engaging activities.

This enriching experience was aligned with the United Nations Sustainable Development Goal (SDG) 4: Quality Education, which promotes equitable access to education and lifelong learning opportunities. The interactive session, filled with stories and games, sparked enthusiasm among the young learners, making it a memorable and impactful event.

2.16 EmpowerIT: Bridging the IT Skills Gap for Underprivileged Children

UN SGD: 4, 10

EmpowerIT is an initiative designed to equip 20 underprivileged children with essential IT skills through a series of workshops, competitions, and mentorship programs. The project offers participants hands-on experience in key areas of technology, starting with an introduction to Database Management Systems (DBMS) and practical exercises using MySQL Workbench. The children were also introduced to web development, where they explored the structure of web applications and gained basic knowledge of frontend and backend software.

Throughout the program, participants honed their web design skills using HTML and CSS, learning to create their own web pages and manipulate design elements like menu bars and background images. They were also introduced to server concepts, working with Xampp Server and Apache to connect with PHP files. Additionally, the program covered Python programming, giving students a versatile foundation in coding and preparing them for future technological endeavors.

EmpowerIT aims to not only teach technical skills but also provide opportunities for personal and academic growth. By engaging underprivileged children in practical IT education, the program empowers them to pursue better opportunities and gain confidence in a highly competitive digital world.



2.17 Renovation work of Government Boys Hostel

UN SGD: 3, 4, 9, 11

Woxsen University's Transforming Rural Youth (TRY) initiative, under the Ethics, Responsibility, and Sustainability (ERS) program, successfully completed the "Transforming Lives at Kamkole Boys' Hostel" project. Conducted from January 5th to January 25th, 2024, the project aimed to improve the living conditions for hostel students by addressing key infrastructure challenges. The hostel, which had been in disrepair with issues like inadequate hot water, faulty plumbing, and deteriorating sanitation, received a comprehensive renovation.

Led by sudhan, with active participation from 9-10 students, the project included repairing water tanks, replacing plumbing fixtures, and repainting the hostel to create a cleaner, safer, and more comfortable environment. The initiative, aligned with the university's ERS vision, also involved close collaboration with hostel residents, university administrators, and maintenance staff to ensure the changes met the needs of the students. The result was a marked improvement in hygiene, comfort, and aesthetics, fostering a positive atmosphere for academic and personal growth. The project received positive feedback from the students, who appreciated the enhanced living conditions, reinforcing Woxsen University's commitment to societal impact through education and community engagement.



2.18 Project legacy

UN SDG: 4,10

Woxsen University has launched "Project Legacy," an initiative aimed at bridging the gap between university students and children from government schools. The project allows Woxsen students to serve as mentors, guiding young students in critical areas such as career decisions, stress management, time management, and communication skills. This mentorship program aims to provide personal and academic development opportunities for the mentees while encouraging university students to develop empathy and leadership skills.

The program involves Woxsen MBA students, who volunteer as mentors after receiving specialized training. Mentorship sessions were held covering essential life skills that support the mentees' personal growth and future career paths.

Project Legacy reflects Woxsen University's commitment to academic excellence and social responsibility by equipping young minds with valuable life skills. Through this initiative, Woxsen aims to make a lasting impact on the broader community, helping to shape future leaders and fostering a culture of mentorship and support.

3.1 Woxsen University Students Visit Waste Water Treatment Plant for Field Study

UN SDG: 4, 10

On March 20, 2024, a group of B.Com 4th semester students from Woxsen University, Kamkole, accompanied by Prof. Dr. Indira Das, visited the Waste Water Treatment Plant in Amberpet, Hyderabad. The field trip was organized to provide students with firsthand knowledge of the waste water treatment process, offering a deeper understanding of how water is purified for reuse or safe disposal.

03

During the visit, students gained insights into the various stages of waste water treatment, from preliminary screening and sedimentation to biological treatment and disinfection. The experience offered a comprehensive look at the intricate processes involved in water purification, highlighting the critical role of treatment plants in ensuring environmental sustainability.



3.2 Woxsen University BBA Students Explore CSR and Sustainability Practices

As part of the Corporate Social Responsibility (CSR) and Sustainability course for BBA 6th semester students at Woxsen University, a hands-on workshop was conducted to deepen their understanding of CSR activities, particularly in the context of multinational companies' policies before and after facing CSR conflicts or crises. The workshop aimed to elevate the students' comprehension of corporate sustainability practices while encouraging them to promote sustainability within their academic environment.

In keeping with sustainable practices, the students exclusively used recycled materials such as posters and papers that had been previously utilized by others. They created handmade posters instead of printing, demonstrating their commitment to reducing paper waste and electricity consumption. This initiative highlighted the students' conscious efforts to integrate recycling and conservation into their academic activities, reinforcing Woxsen University's dedication to fostering sustainable behavior among its students.



3.3 Woxsen University Organizes ERS Activity on Applications of Mathematics for School Students

UN SDG: 4, 9

On February 26, 2024, Woxsen University's School of Technology conducted an Ethics, Responsibility, and Sustainability (ERS) activity for students at Zilla Parishad School, Kamkole. The session, led by Prof. PGL Leach, Honorary Research Professor from Durban University of Technology, aimed to explore the "Applications of Mathematics" in real-world scenarios, emphasizing its importance across technological fields such as architectural design, weather monitoring, satellite navigation, and epidemic analysis.

The ERS activity was aligned with SDG Goals 4 and 9, promoting quality education and fostering innovation. Prof. Leach engaged with the students, encouraging them to view mathematics through an inquisitive lens, connecting theoretical concepts to practical uses. The session not only boosted the students' confidence but also highlighted how mathematical principles are integral to solving real-life problems, inspiring them to apply these concepts in creative and impactful ways.

3.3.1 Empowering Rural Resilience: The Evolution of Smart Villages

The School of Technology, in association with the Centre of Excellence for New Age Technologies, successfully conducted an event titled "The Evolution of Smart Villages" at ZPHS Venkatapur village. Led by coordinators Dr. P. Venkat Reddy, Dr. Bhargav Prajwal Pathri, Purushotham Muniganti, Kamil Reza Khondakar, Ph.D., and Dr. Sonal Jain, along with student coordinators Varenya Varma Penmetsa and Sowmya Saluru, the initiative aimed to promote sustainable development and innovation in rural communities.

The event featured interactive sessions, workshops, and community engagement activities focused on empowering rural areas through technology. Strategies were explored to enhance livelihoods, support rural resilience, and integrate modern technology into everyday rural life. This initiative emphasized Woxsen University's commitment to fostering.

3.4. Workshop at Rescue Foundation – Unconventional and Nature Inspired Fashion

UN SDG: 4, 5, 10, 16

The School of Design at Woxsen University, under the organization of Prof. Sreeraghavi Mani, held a two-day workshop with survivors from the Rescue Foundation. The event took place on February 29th and March 1st, 2024, aiming not only to provide a comprehensive understanding of color theory but also to promote the inclusion of diverse perspectives in the learning process. Activities and discussions centered around the fundamentals of color were held, and on the second day, participants explored the natural surroundings of The Rescue Foundation Campus, collecting leaves, twigs, and papers. This exploration sparked a creative journey, where these found materials were transformed into unique and captivating fashion illustrations.

The workshop was highly interactive and sensory-rich, offering 40 participants the opportunity to not only acquire new artistic skills but also build confidence in their creative abilities. For individuals from vulnerable backgrounds, the workshop provided a safe and supportive space to explore their talents and express themselves freely.



3.5 Paper presentation at the International Conference on Indian Knowledge Systems for Achieving Sustainable Development Goals

UN SDG: 4, 9, 17

Professor Sreeraghavi Mani, from the School of Design, along with co-author Anindo Bhattacharjee, presented a research paper at the “11th International Conference on Indian Knowledge Systems for Achieving Sustainable Development Goals,” held on March 2nd and 3rd, 2024, at the School of Management Sciences in Varanasi. Their research focused on “Pedagogical Innovation through the Transformative Impact of Social Outreach Initiatives in Design and Responsible Management Education”. The conference received special commendation from the Prime Minister of India and among the 200 papers only two received the Best Research Paper Awards, Mani’s paper was one of them.

3.6 Enlightened Perspectives – Book Reading Session

UN SDG: 4, 5, 16



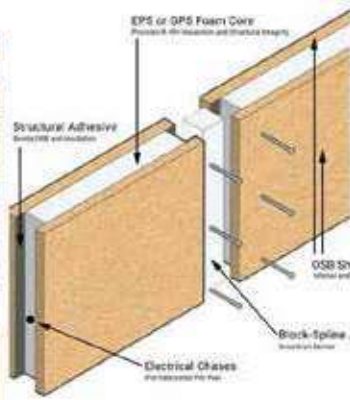
Hanae is an impact tech entrepreneur with 12+ years of experience in social impact and tech. She founded Douar Tech, empowering vulnerable youth, especially women, with digital skills. She also shaped startup ecosystems across Africa with Smart Africa and led Le Wagon coding school in Morocco. A public speaker and fellow of networks like Harambeans, Hanae holds multiple degrees from institutions like SciencesPo and HEC Paris, and received a 5-year French Government Scholarship for Excellence.

The School of Arts and Design at Woxsen University, in celebration of International Women’s Day on March 8, 2024, and in recognition of the achievements of women across various fields, organized a reading session with Ms. Hanae Bezaad, an internationally acclaimed author, social entrepreneur, and advocate for women’s rights. The event aimed not only to celebrate Ms. Bezaad’s book, *Being Other*, but also to raise awareness among the students of SOAD about the personal and professional challenges individuals face simply for “being other.”

Being Other is not only a testament to Ms. Bezaad's personal journey and lived experiences as a woman, Arab, Muslim, and African, but also an inspiring account of how one can transform challenges into opportunities and rise above adversity.



FILLER SLAB



SIP WALL



3.7 Designing the Logo for Indigenous Youth Story Telling Circles

UN SDG: 4, 10, 11, 17

An international student project has been launched in collaboration between Terralingua, a non-profit organization based in British Columbia, Canada, and the Visual Storytelling Centre of the School of Arts and Design (SOAD), Woxsen University. The project involves designing a logo for the Indigenous Youth Storytellers Circle (IYSC). Terralingua, which focuses on the preservation and promotion of biocultural diversity, initiated the Indigenous Youth Storytellers Circle as part of their international effort dating back to 2019, a year marked by the UN's International Year of Indigenous Languages. Since then, the initiative has brought together talented young authors, poets, artists, photographers, and filmmakers from all continents to share and publish their works through Terralingua. The organization is now seeking a logo to further establish its branding and marketing efforts.

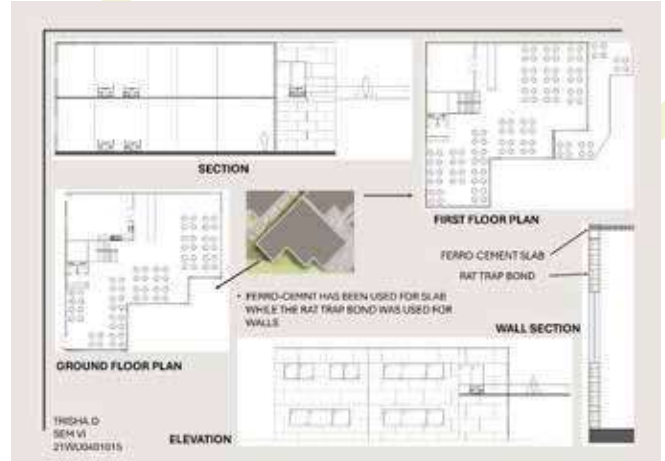
To this end, SOAD's Visual Storytelling Centre has organized a logo design competition as part of its ERS (Educational and Research Services) activities. The competition is open to SOAD students, who will submit their creative interpretations

LOGO MAKING COMPETITION
In collaboration with
Visual Storytelling Centre, Woxsen University

Design a logo for
INDIGENOUS YOUTH STORYTELLERS CIRCLE

PDF submission should clearly present:
Your idea
Your idea behind choice of elements
Your idea behind choice of colors
Final logo with anatomy and measurements

Mail your submissions at
vsc@woxsen.edu.in

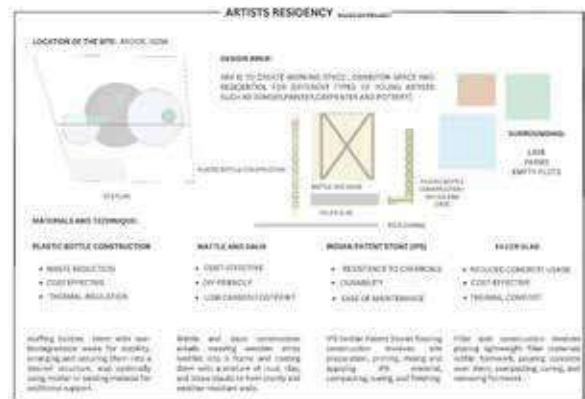


3.8 Redesigning for Sustainability: Exploring Alternative Materials and Construction Techniques

UN SDG: 9, 11

The architectural redesign project focuses on utilizing alternative materials and eco-friendly construction techniques, with an emphasis on cost-effectiveness and sustainability. The goal is to develop innovative solutions that minimize the project's ecological footprint while maintaining financial viability. Key considerations include material selection, energy efficiency, water management, and community engagement.

By adopting these sustainable practices, the project aims to become a model of environmentally responsible development, proving that sustainable design can be both economically viable and aesthetically appealing. This initiative underscores the importance of integrating sustainability into architecture for long-term environmental benefits.



3.9 Awareness Programme for School Children on Environment Sustainability and Biodiversity Conservation

UN SDG: 7, 13, 14 & 15

On March 7, 2024, the School of Liberal Arts and Humanities, in collaboration with ZIBS-Woxsen China-India Centre, Woxsen University, organized an ERS initiative aimed at raising awareness about environmental sustainability and biodiversity conservation. The program targeted 10th-grade students from Vivekananda High School, Sadasivpet, with 40 students visiting the Woxsen University campus. The event featured lectures by Dr. Naveen Kolloju and Dr. P.V. Satya Prasad, focusing on the importance of environmental preservation and biodiversity. Students gained insights into the necessity of conserving natural resources and the critical role biodiversity plays in ecosystem balance. Following the lecture, a quiz competition was held on the topic, further engaging the students and reinforcing the subject matter.

The program successfully instilled a sense of responsibility among the students towards environmental conservation. Appreciation certificates were awarded to the top three winners of the quiz competition, ensuring continued motivation and follow-up on environmental education. This initiative marks a significant step in fostering ecological consciousness among young learners.



3.10 Spotlight on Villages

UN SDG: 4

On March 19, 2024, select BA (Hons) Semester 2 students volunteered at a Government Primary School in Allapur Village, Sangareddy district, as part of an ERS initiative. This hands-on experience provided the university students with valuable practical teaching exposure, while honing their communication and leadership skills. The collaboration also allowed rural primary school children to access quality education and mentorship, which they might not otherwise receive. This initiative not only enriched the students' social responsibility but also had a significant impact on the rural educational landscape, fostering growth and empowerment for both students and the community.

3.11 Awareness Session for Girls on Muslim Personal Law related to marriage and divorce

UN SDG: 16, 17

On March 22nd, the School of Law at Woxsen University conducted an impactful awareness session as part of the ERS Initiative (SDG16), held at Government Degree College, Zaheerabad. The session focused on educating participants about women's rights and duties under personal laws, with a specific emphasis on rights preceding and following marriage.

The session covered key aspects of women's rights, including property entitlements and marital privileges, creating a platform for robust discussions on legal frameworks governing women's rights before and after marriage. Participants explored the importance of empowering women with comprehensive knowledge of their legal entitlements, such as personal autonomy and property ownership, which are crucial for their societal and familial standing.

Post-marriage rights were also discussed, including inheritance, spousal support, and decision-making autonomy within the marital union. The discussions provided attendees with a clearer understanding of legal provisions and the complexities involved in advocating for women's rights, particularly within marriage.

Led by Prof. Ummul Waraah, the session highlighted Muslim personal laws on marriage and divorce, encouraging open dialogue about law-based challenges. The engaging format of the session allowed participants to delve deeply into these issues, fostering a greater understanding of women's rights and promoting gender equality through continued advocacy and legal education.

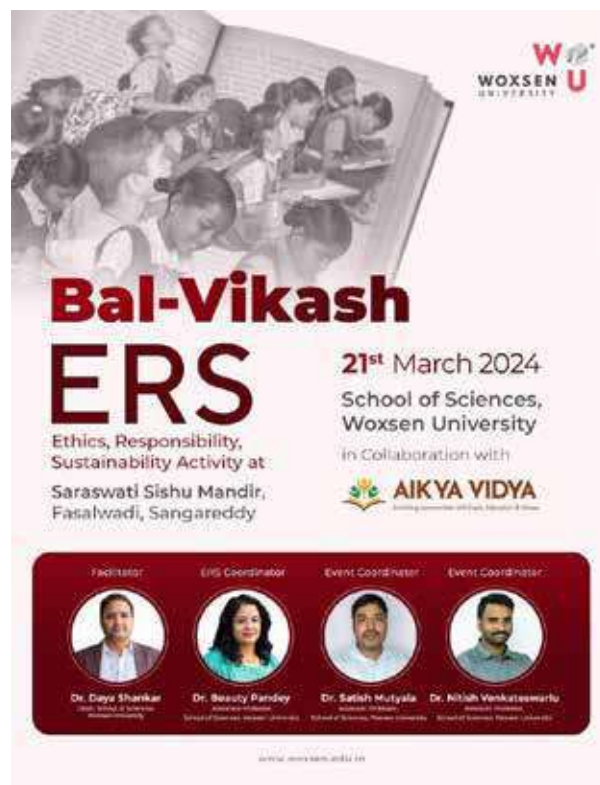
3.12 Bal-Vikash (Teaching Activity for School Students)

UN SDG: 4

The "Bal-Vikash" ERS activity, organized by the School of Sciences at Woxsen University in collaboration with Aikya Vidya, took place on March 21, 2024. This initiative aimed to enhance educational access and foster personal growth among students from Saraswati Sishu Mandir. The event saw active participation from 150 students from 6th to 9th standards, with Woxsen University students playing a key role in delivering the program.

The day began with a tour of the school, followed by an engaging teaching session where students from Woxsen University taught English language basics. The interactive session included practice exercises, addressing student doubts, and promoting active learning. Both groups found the experience beneficial, with the school students expressing joy and satisfaction with the activity.

The event concluded with a certificate distribution ceremony, recognizing the contributions of the volunteers. Faculty members and students from Woxsen University actively participated, contributing to the success of the initiative. "Bal-Vikash" not only promoted quality education but also fostered leadership, cultural sensitivity, and inclusivity among participants. This collaboration empowered students, providing them with a supportive environment and enhancing their personal development. Through this enriching experience, Woxsen University helped shape future generations and contributed to a more inclusive and knowledgeable society.



Bal-Vikash
ERS
Ethics, Responsibility, Sustainability Activity at
Saraswati Sishu Mandir,
Fasalwadi, Sangareddy

21st March 2024
School of Sciences,
Woxsen University
in Collaboration with
AIKYA VIDYA
Empowering the future through education

Facilitator: Dr. Dnyaneshwar
ERS Coordinator: Dr. Beauty Pandey
Event Coordinator: Dr. Satish Mutyala
Event Coordinator: Dr. Nitish Vankateswaru

www.woxsen.edu.in

3.13 Elevate 3.0: Empowering Future Generations through Education and Creativity

In an inspiring effort to uplift the local communities around Woxsen University, the ERS Wing and Wellness Centre successfully organized Elevate 3.0, a five-week development accelerator program that ran from March 23. The initiative sought to empower the children of blue-collar staff and students from surrounding villages such as Ligampally, Kamkole, Budhera, Muqdumpalle, Digwal, and Melasangam. Under the leadership of Mr. Sudhan Guru and Ms. Dharshini Peddapalli, the program created a space for learning, growth, and fun for 500 children, aged 7 to 17, through interactive and creative lessons.

Spanning five weeks, Elevate 3.0 provided a comprehensive learning experience, covering essential life skills and practical knowledge. The subjects ranged from life and business skills to English language development, art, dance, and even lessons in science and creativity. The program was anchored in alignment with the UN Sustainable Development Goals (SDGs), specifically addressing Goals 3 (Good Health and Well-Being), 4 (Quality Education), 5 (Gender Equality), and 10 (Reduced Inequalities).

A Holistic Approach to Learning and Growth

The program's structure offered a blend of academic learning and extra-curricular activities, ensuring that students were both educated and engaged. The curriculum included practical lessons in subjects such as:

Life/Business Skills:

The children gained confidence in communication and financial literacy through interview skills, understanding the history and concept of money, and learning about markets. Activities like the Mini Marketplace gave them hands-on experience in economic principles, making learning fun and applicable to real-world scenarios.

English Language Development:

With a focus on foundational language skills, students made significant progress in grammar, paragraph writing, and public speaking. Sessions like Future Talk enhanced their ability to present themselves confidently. Engaging storytelling sessions helped them find joy in language learning while improving their communication abilities.

Art and Creativity:

Art classes were a highlight for the children, where they explored their creativity through finger painting, origami, and creating models from everyday objects. These sessions improved their fine motor skills and taught them how to see beauty and possibility in the simplest materials.

How Things Work:

In this subject, children were introduced to the basics of science, including chemistry, physics, and astronomy. These sessions sparked curiosity about how the world functions, allowing them to explore and understand complex ideas in simple, engaging ways.

The children also had access to dance and singing classes, where they learned to express themselves creatively. General knowledge sessions enriched their understanding of the world, while mental health and well-being lessons emphasized the importance of self-care and emotional awareness.



Impact and Success of Elevate 3.0 Building a Stronger Community

The impact of Elevate 3.0 was evident in the children's growth—both in terms of knowledge and confidence. The blend of academic rigor with hands-on activities made learning enjoyable and practical. This year's program saw children develop communication skills, enhance their creativity, and gain critical insights into various subjects.

At the end of the five weeks, the children proudly showcased their talents in an exciting closing ceremony, where games, performances, and a celebration of their hard work took center stage.

The success of Elevate 3.0 goes beyond academic achievements—it also forged stronger community ties. The program brought together children from different villages, creating a shared space for learning, creativity, and mutual respect. Through the initiative, Woxsen University reinforced its commitment to serving the community, fostering a love for learning, and creating opportunities for future generations.

As Elevate 3.0 concluded, gratitude was extended to the initiative's leaders, instructors, and the schools and families who participated. Their collective support was instrumental in making this program a resounding success.

Looking Ahead

Now in its third year, Elevate 3.0 continues to leave a lasting impact on hundreds of children. The program has become a beacon of hope and learning, where education meets empowerment. The lessons, friendships, and experiences shared will resonate long after the program has ended. As Woxsen University looks toward the future, there is a strong hope that Elevate 3.0 will continue to grow, expanding its reach and deepening its impact on the community for years to come.



Other ERS Activities Q1-2024

"Architectural Students Explore Sustainable Building Practices at NIRD&PR's Rural Technology Park"

On January 9th, 2024, 6th-semester students from Woxsen University's School of Architecture and Planning visited the Rural Technology Park at the National Institute of Rural Development and Panchayat Raj (NIRD&PR). The visit was part of their coursework in subjects like Environment Responsive Design, Acoustic & Illumination, and Low-Cost Building Techniques. During the visit, students observed and documented various house styles from across India, focusing on the incorporation of Laurie Baker's sustainable building techniques.

The visit included an interactive session with Mr. MD Khan, Senior Consultant at NIRD&PR, who inspired the students to explore entrepreneurship in the building sector. His insights encouraged them to consider sustainable living practices and innovations in rural development as future architects.

SOS Participation

Space Solar Powering Tomorrow

The objective of this project is to harness abundant solar energy from space to provide sustainable energy solutions for Earth. By capturing, converting, and transmitting power from space-based platforms, the project seeks to tap into a reliable and renewable energy source, overcoming the limitations of terrestrial solar energy and contributing to a more sustainable energy future.

Soil Moisture Indicator

The objective of this project is to accurately measure the water content in the soil. This data is essential for enhancing agricultural practices and for environmental monitoring, providing valuable insights that can lead to more efficient water use and better management of natural resources.

Delibot: Elevate Your Aerial Adventures on a Budget

The primary objective of the Delibot project is to develop a low-cost Unmanned Aerial Vehicle (UAV) that offers high value for various applications. The drone's design and purpose can be adapted for tasks such as precision agriculture, scientific research, infrastructure inspection, and search and rescue operations. By providing an affordable option for aerial technology, Delibot aims to make advanced drone capabilities accessible for a range of practical uses.

ReBattery- Transforming Waste into Hydrogen Energy:

The primary objective of the ReBattery project is to extract hydrogen energy from old batteries, aiming to create a sustainable energy source. This initiative focuses on reducing waste and promoting environmental awareness by repurposing used batteries, thus contributing to a more eco-friendly and efficient energy solution.

Woxsen University Partners with Hare Krishna Movement Hyderabad to Support Tribal and Rural Communities

In a significant step towards improving the welfare of tribal, rural, and underprivileged communities across India, Woxsen University has entered into a Memorandum of Understanding (MoU) with the Hare Krishna Movement Hyderabad's Aikya Vidya. This collaboration marks a promising development in the effort to bring about positive change in these underserved populations.

The MoU was signed by Dr. Raul Villamarin Rodriguez, Vice President of Woxsen University, and the President of Hare Krishna Movement Hyderabad, along with the Regional President of the Akshaya Patra Foundation. This partnership aims to implement a range of social programs focused on education, healthcare, environmental conservation, empowerment, and skill development.

As part of this initiative, Woxsen University and Aikya Vidya have selected two tribal-dominated areas for their pilot programs: Ahobilam village in Nandyal district, Andhra Pradesh, and Bhadrachalam in Telangana. These areas were chosen due to their significant need for support and their potential for positive impact through the planned interventions.

Through this collaboration, Woxsen University and Aikya Vidya hope to foster sustainable development and bring lasting improvements to the lives of people in these communities. The partnership underscores a shared commitment to addressing critical issues faced by rural and tribal populations and working towards a more equitable future.



Solar Flex Tech: Charging on-the-Go with flexible panels

The major objective of the Solar Flex Tech project is to explore and demonstrate the application of flexible solar panels for efficient and eco-friendly mobile charging. This project aims to enhance the convenience and sustainability of charging solutions by leveraging the adaptability and portability of flexible solar technology.

Workshop on Montreal Protocol and Paris Convention: Addressing Environmental Issues and SDGs

On January 10, 2024, Dr. A. Sreelatha and Prof. Ummul Waraah coordinated a workshop focused on the Montreal Protocol and the Paris Convention, with an emphasis on their impact on environmental issues and Sustainable Development Goals (SDGs). The Montreal Protocol on Substances that Deplete the Ozone Layer is a landmark multilateral environmental agreement designed to regulate the production and consumption of nearly 100 man-made chemicals known as ozone-depleting substances (ODS). These chemicals, when released into the atmosphere, damage the stratospheric ozone layer, which serves as Earth's protective shield against harmful levels of ultraviolet radiation from the sun. Adopted on September 16, 1987, the Protocol remains one of the few treaties to achieve universal ratification, underscoring its global significance.

The workshop provided participants with an in-depth understanding of the Montreal Protocol's achievements and its role in protecting the ozone layer. It also explored the Paris Convention's framework for addressing climate change and its alignment with the SDGs. By highlighting the intersection of these agreements with global environmental goals, the workshop aimed to enhance awareness and promote continued commitment to international environmental standards and sustainable practices.

Recap of **ERS** Activities Q1-2023





Painting work for ZP High School in Budhera

UN SDG: 4, 11, 17

In February 2023, Woxsen University's Department of Architecture launched a collaborative community initiative at ZP High School in Budhera. The painting activity involved students, faculty members, and volunteers from Woxsen University, with the goal of enhancing the school's visual appeal while fostering community engagement. This initiative had a positive impact by improving the overall aesthetics of ZP High School and introducing culturally relevant art on its walls. The project also emphasized the importance of community involvement, instilling a sense of pride among both university students and local residents. Through this initiative, students from the Department of Architecture had the opportunity to engage with real-world projects.



Gifting of portable projector to Kamkole school

UN SDG: 4, 10, 17

In its commitment to promoting quality education and empowering schools in underserved areas, in February 2023, Woxsen University initiated a project to enhance teaching and learning by donating three portable projectors to ZP High School in Kamkole Village, Munipally Block, Medak District. This initiative addressed the pressing educational needs of the rural school, which had faced challenges in adopting modern teaching techniques due to a lack of audiovisual aids.

The project proved to be a success, enabling more effective delivery of lessons through the integration of audiovisual tools into teaching methodologies. This allowed the school faculty to explain complex concepts more clearly, making lessons more comprehensible and engaging while promoting interactive learning. As a result, communication between teachers and students improved significantly.





Republic day celebration and Alcohol & drug DE addiction campaign at Pedda Gopalaran

UN SDG: 3, 4, 5, 11

On Republic Day, January 26th, 2023, the Transforming Rural Youth (TRY) team from Woxsen University organized an alcohol and drug de-addiction campaign in the village of Pedda Gopalaran, Munepalli Mandal, aimed at raising awareness about the issues of alcohol addiction among the rural youth. Recognizing addiction as a major challenge faced by rural individuals as young as 16, the TRY team decided to perform a Nukkad Natak (street play) at the local government secondary high school. The play highlighted the personal and familial consequences of alcohol and drug addiction.

The event also featured a day of cultural programs, including the TRY team's participation in a flag-hoisting ceremony throughout the village. A total of 20 students from Woxsen University's Schools of Technology, Design, and Business were involved in the event. Dr. Bhairab Chandra Patra and Anubha Jain were present as guests of honor.

Awareness Session in Govt Degree College, Zaheerabad

UN SDG: 4, 5, 8, 10

With the aim of identifying innovators and aspiring entrepreneurs among rural college students, the Transforming Rural Youth (TRY) entrepreneurship project conducted a field visit to Government Degree College, Zaheerabad, in February 2023. Members from Woxsen University assisted the college in understanding entrepreneurship by providing an awareness session for students, encouraging those with the best ideas to develop an entrepreneurial mindset. In addition to promoting innovation, the initiative encouraged both male and female students to express their thoughts on entrepreneurship and share their career aspirations.

Since the college offers instruction in Telugu, Hindi, and English, the team made efforts to communicate with the students in all three languages to ensure a clear understanding of the TRY programme. The session was designed to foster inclusivity, supporting gender equality and ensuring that students from all backgrounds were involved.

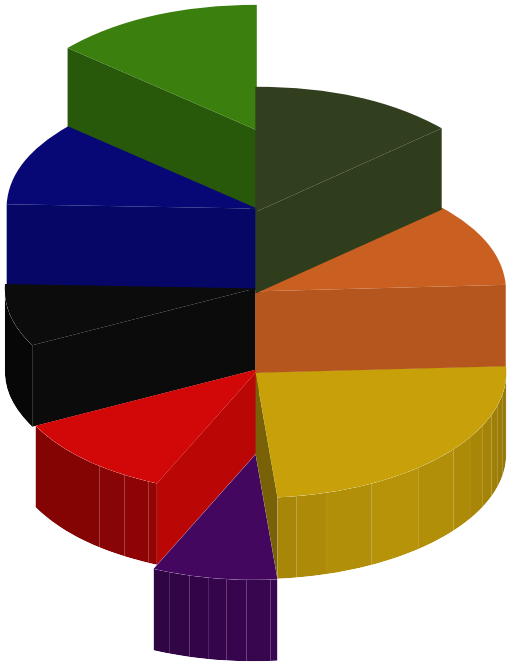


Jean-Luc Boulnois Rural Entrepreneurship Competition

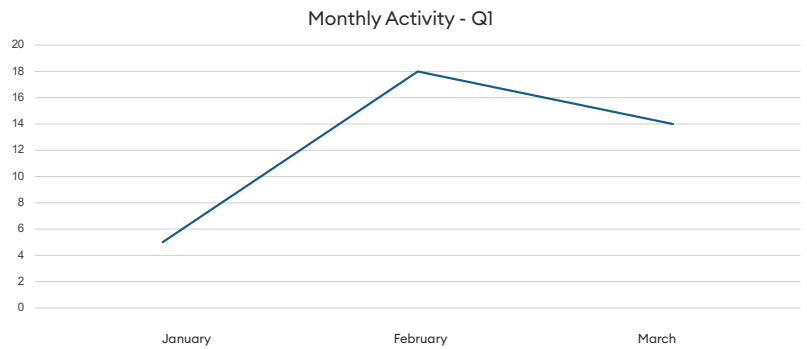
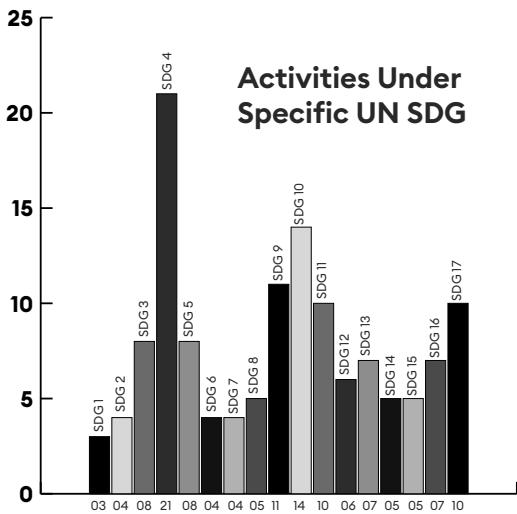
UN SDG: 4, 8, 110

The Transforming Rural Youth (TRY) initiative on Rural Entrepreneurship conducted the "Jean Luc Bounois Rural Entrepreneurship Competition" on February 16, 2023. Students from local government colleges, including TSWR Degree College, Budhera, and Government Degree College, Zaheerabad, had the opportunity to visit Woxsen University and present their business ideas. The competition featured 6 teams of 3 members each, along with 8 individual presentations. To prepare for the event, the TRY team visited these colleges to explain the process of developing a business plan. The students successfully presented innovative solutions to common societal problems. This achievement highlighted the competition's reach, as it encouraged participation from students, even those from non-business backgrounds, inspiring them to think creatively.

The winners received cash prizes, and all participants had the privilege of being judged by distinguished Woxsen professors: Prof. Sreelatha Annamaneni, Prof. Dr. Subhendu Patnaik, and Prof. Shreya Mukherjee. These experts, specializing in rural development and entrepreneurship, also shared their insights at the end of the session.



School	No. Activities
School of Business	05
School of Technology	04
School of Arts & Design	09
School of Architecture & Planning	03
School of Liberal Arts & Humanities	04
School of Law	03
School of Sciences	04
ERS Wing	05
Total	37



In the Quarter of 2024

37 **2542**
ERS Projects Total Engagement

*Note: Data of Quarter 1 - Jan to March 2024

17 PARTNERSHIP FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS



Contact Info:

Mr. Sudhan

Project Officer, ERS, Woxsen University
Phone no: 908061231
Email id: sudhan.guru@woxsen.edu.in

Corporate Office

Plot No.1270, 4th floor, JSP Jubilee Crown Building,
Road No.36, Jubilee Hills, Hyderabad - 500033, India

Campus

Kamkole, Sadasivpet, Sangareddy District, Hyderabad
502 345, Telangana, India



Q2
by ERS



Woxsen- Ethics, Responsibility & Sustainability

Quarterly ERS Activity
Report Edition - 2

#2 Apl-Jun 2024

Index

1.1 Street Cause Woxsen and Finance Studio: Spreading Joy and Necessities at Kamkole Hostel	01
1.2 Vote for the Future: How Woxsen University Engaged Communities to Stand Out Together	01
1.3 Mangrove Breakthrough: Global Experts Unite for Conservation and Carbon Solutions	01
1.4 Sustainable Living – is it really sustainable?	03
1.5 Extreme Weather, Mental Health, and Coping Strategies: Learning from Vulnerable Geographies in India	03
1.6 Design Vanguard 2024	03
1.7 J.Qork – a Premium and Sustainable Lifestyle Brand	05
1.8 Placing Sustainability at the Forefront: A Course in Design and Development	05
1.9 Addressing Urban Challenges: Students Design for Sustainable Lakes	05
1.10 UDAAN: Empowering Muslim Women through Education and Advocacy	06
1.11 Swasthya Mela (Medical Camp): Empower her Wellness	06
1.12 Woxsen University Empowers Underprivileged Female Students with Free IT Course May-2024	06
2.1 Beyond Donations: Students Build Bonds with Orphanage Children	07
2.2 Empowering Staff: CPR Training Workshop at Woxsen University	07
2.3 All is WELL and Woxsen University Host 10-Day Webinar on Environmental Education	07
2.4 DiversEarth and Woxsen University Collaborate on "Sacred Species Retreat" in Kalimpong	08
2.5 Terralingua and Woxsen University Collaborate on Indigenous Youth Storytellers Circle Logo Design	08
2.6 Reviving the Desi Wool based economy in different regions of India.	08
2.7 NAYASA Platform Aims to Revolutionize Transparency in Agriculture Value Chains	09
2.8 Consciium: A Streetwear Brand Promoting Circular Fashion and Social Awareness	09
2.9 SICO Programme at Woxsen University: Integrating Design Education with Community Outreach	09
2.10 Collaboration for Biocultural Diversity: Animation Project by Terralingua and SOAD	10
2.11 Colors of Joy: Woxsen Architecture Students Inspire Creativity in Children	10
2.12 Vernacular Resurgence: Merging Tradition and Modernity in Sustainable Architecture Across Five Regions	10
2.13 Empowering Labourers: The ERS Initiative Promotes Voting Awareness and Democratic Inclusion	10
2.14 Kawach : Legal Aid and Literacy Camp for Labourers	11
2.15 Breaking Barriers: Legal Aid and Support for Women and Children at Sakhi Centre	11
2.16 Vote Shakti: Empowering Woxsen University Staff Through Electoral Awareness and Civic Responsibility	11

2.17 Digital Seed Initiative: Nurturing Digital Literacy in Rural India	12
2.18 Understanding Rural Governance: Woxsen summer school program	12
2.19 Woxsen University's TRY Students Organization Shines on the Global Stage June-2024	12
3.1 Integrating Sustainability in Education: Highlights from Woxsen University's Faculty Development Program	14
3.2 ICSSCGE-2024: Advancing Sustainable Smart Computing and Green Energy at Woxsen University	15
3.3 Empowering Change: Creative Thinking Workshop at the Ekatra Summer Program UN SDG: 3,5 & 17	16
3.4 Animating Awareness: Woxsen University Collaborates with Terralingua on Biocultural Diversity Project	16
3.5 Strengthening Partnerships: Legal Aid Initiative and MOU Discussion at Sakhi Centre UN SDG: 5,10, 16 & 17	16
3.6 Ride the Wave: Understanding and Managing Stress	16
Highlights of Q2-2023 Activities	17

1.1 Street Cause Woxsen and Finance Studio: Spreading Joy and Necessities at Kamkole Hostel

UN SDG: 1, 3 & 4

On April 21, 2024, Street Cause Woxsen and Finance Studio led a heartwarming initiative to support the Kamkole Government Hostel, located near Woxsen University. This effort focused on distributing essential items to the hostel residents, including clothes, stationery, chocolates, sports equipment, and shoes.

The MBA batch of 2022-2024, alongside the support from Dr. Prasad Padmanabhan's Finance Studio and Dr. Bjorn Espen Eckbo FinWiz Woxsen, actively participated, ensuring the initiative's success. Through collective action, the event highlighted the university's commitment to giving back to the community and made a meaningful impact on the lives of the hostel boys.

Street Cause Woxsen's initiative exemplified the spirit of empathy and compassion, underlining the importance of outreach and support in building strong community relationships. The event's success reinforces the power of teamwork in positively affecting those in need.



1.2 Vote for the Future: How Woxsen University Engaged Communities to Stand Out Together

UN SDG: 16 & 17

"Vote for Future, Stand Out Together with your VOTE (SOT-VOTE)" was an impactful awareness program conducted by Woxsen University to encourage voting. The initiative spanned both off-campus and on-campus activities from May 1st to May 8th, 2024. It included door-to-door campaigns in Moqdumpally village, outreach to teaching and non-teaching staff, and creative events like a singing event and a flash mob at the Oval. The efforts aimed at motivating the general public and first-time voters to exercise their voting rights. With enthusiastic participation, the campaign succeeded in raising awareness, particularly among first-time voters and staff. The program's central message, "Stand Out Together with your VOTE," resonated deeply, inspiring many to cast their votes for a better future.



1.3 Mangrove Breakthrough: Global Experts Unite for Conservation and Carbon Solutions

UN SDG: 13 & 17

An international webinar titled "Mangrove Breakthrough" was held on April 9, 2024, to explore critical issues surrounding mangrove conservation, the role of the Global Mangrove Alliance (GMA), and the emerging carbon markets. The event featured insightful presentations by three distinguished speakers. Dr. Kathiresan Kandasamy, an Honorary Professor at Annamalai University, highlighted the current state of mangroves in India, emphasizing the need for immediate conservation and restoration efforts. Dr. Jennifer Howard from Conservation International, USA, introduced the Global Mangrove Alliance and its Mangrove Breakthrough initiative. Chinmaya Thonse, Director of Asia at Goodcarbon, Germany, shared insights on India's carbon-financed project, spotlighting "The Great Green Wall of Gujarat."

The event, a collaborative effort between Conservation International and Goodcarbon, was coordinated by Prof. Kanna K. Siripurapu, Assistant Dean of ERS at Woxsen University. Participants from various countries, including India, Bangladesh, Germany, Sri Lanka, and the USA, joined the webinar. The discussions aimed to foster international collaborations and facilitate the distribution of funds from the Global Mangrove Fund and goodcarbon for mangrove conservation. This initiative aims to improve coastal livelihoods and enhance coastal resilience to climate change.

Dr. K. Kathiresan, M.Sc., Ph.D., D.Sc., is a honorary professor in Annamalai University, formerly Dean and Director, in Faculty of Marine Sciences in Annamalai University.

Dr. K. Kathiresan is a world-class scientist in the mangrove environment, placed among top 2% scientists in the world, and is ranked first in India for marine biology and hydrobiology, as assessed by Stanford University, USA.



Mr. Chinmaya Thonse is currently serving as the Regional Director and Team Lead for SEA and India at Good Carbon in Frankfurt, Germany. Dr. Thonse is an experienced professional with a strong background in business development and international partnerships, primarily in the sustainability and technology sectors. His prior experience includes managing international partnerships at Insiders Technologies GmbH, where he played a key role in market expansion across Germany from 2019 to 2022. Dr. Thonse brings a rich blend of strategic insight and leadership to his sustainability and global market development work.



Dr. Jennifer Howard is the Vice President of Blue Carbon at Conservation International, USA. Her work focuses on implementing scalable mechanisms to conserve coastal and marine ecosystems to protect threatened coastal communities, combat climate change and conserve coastal biodiversity.

She helped to found the Mangrove Global Alliance and represents CI on its steering committee to halt loss, double protection, restoring half of mangrove ecosystems globally through meaningful collaborations across sectors and disciplines.



1.4 Sustainable Living – is it really sustainable?

UN SDG: All 17

The student research project on Sustainable Living (SL) highlights the gap between the growing trend of sustainability online and its real-world application. Recognizing that many products are falsely marketed as "sustainable" through greenwashing, the study seeks to redefine what sustainability truly means. It explores critical questions, such as why society equates sustainability with being "green" and whether living sustainably is genuinely the best path forward. The project aims to discover a lifestyle that addresses pressing global issues like climate change and biodiversity loss, beyond mere labels. The follow-up plan includes redefining sustainable living to create more practical solutions for today's challenges.

1.5 Extreme Weather, Mental Health, and Coping Strategies: Learning from Vulnerable Geographies in India

UN SDG: 3, 13

The proposed study aims to explore the relationship between climate change and mental health in India, particularly focusing on resource-dependent communities in vulnerable geographies such as coastal, mountainous, and arid plains. The study will examine how extreme weather events, induced by climate change, affect the mental health of these communities, considering the spillover effects on lives and livelihoods. By exploring local response mechanisms and traditional healing practices, the study seeks to understand how these communities cope with mental health challenges. Additionally, the research will investigate the potential of systems thinking, design psychology, and inclusive therapeutic spaces in addressing mental health concerns. The outcomes of the study could lead to the creation of supportive systems, resettlement blueprints, and training manuals for healthcare professionals. The findings will also contribute to developing a digital mental health map and producing documentaries to raise awareness, conserve traditional knowledge, and promote further research.



1.6 Design Vanguard 2024

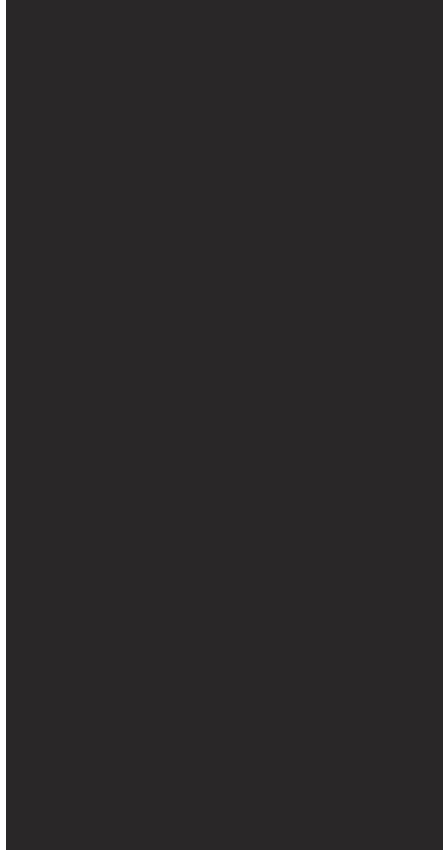


Adivi Sesh, Actor
Writer and Director

UN SDG: All 17

The School of Arts and Design (SOAD) at Woxsen University is launching *Design Vanguard 2024*, an annual event showcasing the exceptional talents of its students. The event is a collaborative effort between faculty, students, alumni, and industry partners, highlighting 20 innovative design projects from the four SOAD departments: Industrial Design, Interior Design, Communication Design, and Fashion Design. These projects tackle pressing social issues, such as Climate Change, MedTech, Disaster Management, and Inclusive Design, reflecting the university's commitment to addressing global challenges through design innovation.

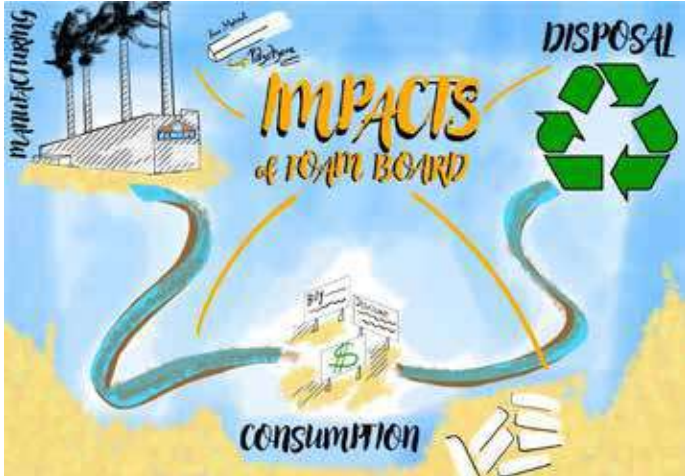
The goal of *Design Vanguard 2024* is to provide a platform for graduating students to display their work to industry professionals, potential employers, academia, and the wider community, while fostering networking opportunities.



1.7 J.Qork – a Premium and Sustainable Lifestyle Brand

UN SDG: 9 & 12

J.Qork, a sustainable lifestyle brand, emerged from a capstone project at Woxsen University's School of Arts and Design. Guided by Prof. Munwar Khan and supported by Prof. Mrudul Chilmulwar, this initiative exemplifies how academic learning can evolve into entrepreneurial ventures. J.Qork celebrates the natural elegance of cork, sourced ethically from Portugal and handcrafted in India, emphasizing eco-conscious, cruelty-free, and ethically produced products. Officially launching at *Design Vanguard 2024* on April 27, 2024, the brand showcases student creativity and innovation. Additionally, J.Qork is in talks with TITAN to design cork watch straps and explore sustainable materials for the automobile industry.



1.8 Placing Sustainability at the Forefront: A Course in Design and Development

UN SDG: All 17

The objective of this course is to help students critically engage with environmental transformations and issues arising from design practices and technological innovations. The course encourages students to reflect on the growing need to consider ecological impacts in innovation by examining the environmental costs associated with development, particularly for marginalized communities. Students will explore how design processes interact with and affect the environment, aiming to place sustainability at the forefront of developmental discussions.

As a follow-up, students will apply their understanding of sustainable practices in future projects, adopting eco-conscious lifestyles and contributing to sustainable resource use in both personal and professional spheres.

1.9 Addressing Urban Challenges: Students Design for Sustainable Lakes

UN SDG: 4, 6, 11, 13 & 14

In response to the growing environmental concerns surrounding Hyderabad's water bodies, a lake restoration project was launched, encouraging students to design proposals for reviving these ecosystems. The project aims to restore the lakes' health while fostering environmental responsibility in the younger generation.

Hyderabad faces several challenges like water pollution and encroachment, which endanger biodiversity and public health. This project aims to address these issues by designing an innovative, sustainable designs for lake rejuvenation and creating eco-friendly solutions. It also seeks to raise awareness among students about environmental conservation and the need to preserve natural resources.



1.10 UDAAN: Empowering Muslim Women through Education and Advocacy

UN SDG: 5, 10, 16 & 17

On April 24th, 2024, the School of Law at Woxsen University conducted an insightful awareness session as part of the ERS Initiative (SDG16). Students from the Government Degree College, Zaheerabad, were invited to learn about the status of women under Muslim personal laws related to marriage and divorce. The session aimed to deepen understanding of the legal framework that governs Muslim women's rights and duties and to spark a discussion on contemporary issues affecting women today.

Key points included the importance of gender equality, justice, and women's rights in shaping the laws surrounding marriage and divorce. Empowering women through personal laws that emphasize consent, financial independence, and decision-making authority -

was highlighted as essential to advancing gender equality. The session, led by Prof. Nehal Ahmad and moderated by Ms. Ummul Waraah, encouraged interactive discussions and fostered a comprehensive understanding of the complexities surrounding Muslim personal laws and women's status.

The event's success was attributed to active participation and a rich exchange of perspectives, which led to a more nuanced understanding of the challenges and opportunities in advocating for women's rights. The session exemplified Woxsen University's commitment to fostering legal literacy and gender equality.



1.11 Swasthya Mela (Medical Camp): Empower her Wellness

UN SDG: 3, 5, 10 & 17

The "Swasthya Mela," organized by the School of Sciences in collaboration with Olive Hospital on April 30, 2024, focused on improving the well-being of Woxsen University's Group D employees. The event provided medical assistance and promoted health awareness through comprehensive health assessments and tests. Key medical services included blood pressure monitoring, blood sugar tests, and electrocardiograms (ECG), conducted by Olive Hospital professionals. The screenings aimed to identify potential health issues such as hypertension, diabetes, and heart irregularities, while also addressing symptoms like chest pain and fatigue. The success of Swasthya Mela highlighted the university's commitment to health awareness, empowering employees to take proactive steps toward healthier lifestyles and fostering a culture of wellness within the community.



1.12 Woxsen University Empowers Underprivileged Female Students with Free IT Course

UN SDG: 4, 5 & 10

Woxsen University is thrilled to announce the successful completion of a free certification course for 20 underprivileged female students, part of our ERS Initiative. Guided by the expertise of Prof. Sudeshna Sani, this program aims to provide equal opportunities for rural girls in the rapidly evolving IT sector.

Over the course of six months, participants learned essential skills in Web Technology, front-end development using HTML, CSS, and JavaScript, as well as back-end development with PHP and MySQL. Beyond technical knowledge, the course emphasized job readiness, equipping students with vital skills such as resume crafting, effective use of LinkedIn, life skills education, and mock interview practice.

EmpowerIT represents more than just a project; it is a transformative journey of empowerment, knowledge, and skill-building. We are immensely proud to contribute to the future success of these talented young minds, paving the way for their careers in technology. This initiative underscores Woxsen University's commitment to fostering inclusivity and providing opportunities for all, reinforcing our belief that every individual deserves a chance to thrive in today's competitive landscape.

2.1 Beyond Donations: Students Build Bonds with Orphanage Children

UN SDG: 1, 2, 3 & 10

Through generous donations, the students purchased essential items and fun gifts for the children at the orphanage. Their visit began at 4 pm and was filled with games and conversations, quickly forming a connection with the children. Their smiles and laughter lit up the room. The students also met elderly residents, abandoned by their families, whose heartbreaking stories were both sobering and inspiring. Cakes were distributed, and quality time was spent with everyone, leaving the students deeply moved. The experience highlighted how small gestures can bring immense joy. Committed to this newfound bond, the students promised to return monthly to continue supporting their new friends through play, reading, or simply listening.



2.2 Empowering Staff: CPR Training Workshop at Woxsen University

UN SDG: 3

On May 3, 2024, a CPR training workshop, organized by the School of Technology, took place at the Moot Court, Woxsen University Campus, Telangana. The workshop aimed to train 70 Woxsen staff members on performing CPR and rescue breathing, crucial in emergencies like cardiac arrest and electrocution.

Dr. Sivranjani Santosh led the session, providing a comprehensive overview of recognizing cardiac arrest and the importance of timely intervention. Participants engaged in practical demonstrations, using dummies to practice proper chest compressions and rescue breathing techniques, gaining hands-on experience.

The workshop was a resounding success, leaving participants with increased competence and confidence in handling medical emergencies. By equipping staff with life-saving skills, the session significantly strengthened campus preparedness and ensured a safer environment at Woxsen University.



2.3 All is WELL and Woxsen University Host 10-Day Webinar on Environmental Education

UN SDG: 4, 10 & 17

All is WELL, a non-profit organization from Kakinada, Andhra Pradesh, collaborated with the Centre for Learning Design, School of Arts and Design, Woxsen University, Telangana, to organize a 10-day webinar series on "Environmental Education and Action" from May 6-16, 2024. This event was part of an internship program offered to 60 undergraduate students from Anaavaram Satyavathi Devi (ASD) Government Degree College for Women, Kakinada, to sensitize students to global environmental challenges and encourage innovative solutions.

Eminent speakers like Prof. Haritha Ponnappalli (Woxsen University), Dr. M. Sarveswara Rao (Bluedrop Enviro Pvt. Ltd.), Dr. G. Sailu (Forest-PLUS 3.0, USAID), and Prof. Kanna K. Siripurapu (Woxsen University) shared valuable insights. The program aimed to help students develop a deeper understanding of sustainable development and the responsible use of natural resources.





2.4 Divers Earth and Woxsen University Collaborate on "Sacred Species Retreat" in Kalimpong

UN SDG: 15

Divers Earth, an NGO based out of Geneva, Switzerland, partnered with the School of Arts and Design to organize the "Sacred Species Retreat" from May 15-17, 2024, at Buddha Pada, Kalimpong, West Bengal. This participatory research retreat brought together tribal and indigenous communities, scholars, practitioners, and the international community to reflect on the significance of sacred species and the role these communities play in their conservation. Discussions also focused on existing compensation mechanisms for local communities engaged in this vital conservation work.

Participants from diverse regions, including Siberia, Switzerland, Tibet, Nepal, and various parts of India, joined the retreat to explore compassionate relationships with sacred species and spaces. The outcome of this retreat is expected to shape a global initiative aimed at supporting those who foster such relationships, contributing to conservation and promoting peace.

2.6 Reviving the Desi Wool based economy in different regions of India.

UN SDG: 12 & 15

India, home to 74 million sheep and diverse indigenous wool, faces a decline in wool procurement from shepherds due to increasing reliance on imported wool. The Centre for Pastoralism (CfP), a New Delhi-based NGO, launched the Desi Oon initiative to rebuild the indigenous wool economy and address the issue of wool adulteration with acrylic, which has diminished the value of pure wool. By using technology to trace the wool's origin, the initiative aims to restore consumer trust and revive the desi wool market.

Ms. Jinoodhaya S.S., a Semester VIII Industrial Design student at Woxsen University, is interning with CfP and working on this initiative as part of her Graduation Project, under the mentorship of Prof. Santosh Kocherlakota. The project aims to ensure authenticity in the wool value chain across different regions of India.

2.5 Terralingua and Woxsen University Collaborate on Indigenous Youth Storytellers Circle Logo Design

UN SDG: 4 & 7

Terralingua, an NGO based in British Columbia, Canada, partnered with the Visual Storytelling Centre at Woxsen University to design the logo for the Indigenous Youth Storytellers Circle (IYSC), an initiative aimed at promoting indigenous scholars and creative writers. This project, initiated in 2019 as part of the UN's International Year of Indigenous Languages, saw Woxsen University students enthusiastically contribute to the cause.





2.7 NAYASA Platform Aims to Revolutionize Transparency in Agriculture Value Chains

UN SDG: 1, 2 & 12

India's food systems contribute significantly to deforestation, greenhouse gas emissions, and biodiversity loss. With 90% of India's once abundant rice varieties lost and small-scale farmers struggling against brands and middlemen, the need for transparency in agriculture has become urgent. In response, NAYASA, a discovery platform, was launched to enhance traceability in agriculture value chains. Utilizing advanced technologies such as blockchain, IoT, GPS, and AI, NAYASA connects farmers directly with consumers seeking organically grown products, offering insights into environmental impacts and simplifying the certification process.

Ms. Kanika Bukka, a Semester VIII student from Woxsen University, joined NAYASA for her Graduation Project under the mentorship of Prof. Kocherlakota, Prof. Mrudul Chilmulwar, and Prof. Kanna K. Siripurapu. Her contributions to improving the platform were highly appreciated, reflecting the platform's potential to reshape food transparency in India and abroad.

2.8 Conscium: A Streetwear Brand Promoting Circular Fashion and Social Awareness

UN SDG: 9, 12 & 17

Conscium, a streetwear brand, is dedicated to raising awareness of pressing social and environmental issues through its circular fashion strategy, blending sustainability with social consciousness. The brand not only offers trendy streetwear but also supports local artisans and craftsmen who share its values. By focusing on sustainability and cultural issues, Conscium aims to create fashion that contributes to environmental protection and the upliftment of artisans.

The brand seeks long-term collaborations with NGOs, businesses that collect preloved garments, and local fabric manufacturers to close the loop in the garment life cycle. Through recycling and upcycling techniques, Conscium converts waste into new resources, involving processes like collecting, segregating, sanitizing, shredding fibers, and creating recycled fabric with desired compositions, thus contributing to a cleaner and more sustainable fashion industry.

2.9 SICO Programme at Woxsen University: Integrating Design Education with Community Outreach

UN SDG: 10

The Social Internship and Community Outreach (SICO) programme is a key part of holistic undergraduate education at the School of Arts and Design (SOAD), Woxsen University. From the second semester onward, design students participate in a two-week mandatory SICO programme with a non-profit or social enterprise during their summer break. This initiative allows students to apply their design knowledge in real-world settings, fostering both professional and personal growth while contributing meaningfully to society.



Under the dual supervision of an internal faculty member and an external supervisor from the host organization, students gain hands-on experience in sectors like traditional crafts, small-scale farming, and marginalized communities. The programme emphasizes experiential learning, nurturing empathy and socially responsive design thinking, ultimately enhancing students' employability and preparing them to make a positive impact on society.

2.10 Collaboration for Biocultural Diversity: Animation Project by Terralingua and SOAD

UN SDG: All 17

Terralingua, a non-profit organization based in British Columbia, Canada, has partnered with the Department of Communication Design at SOAD to create an educational animation video focused on biocultural diversity. This initiative aims to raise awareness and advocate for the conservation of biocultural diversity through effective educational materials.

2.12 Vernacular Resurgence: Merging Tradition and Modernity in Sustainable Architecture Across Five Regions

UN SDG: 11

The Vernacular Resurgence architectural brief focuses on revitalizing traditional styles and techniques in five regions: Leh, Naggar, Jodhpur, Panjim, and Puducherry. This initiative seeks to merge modern needs with local cultural heritage to create sustainable, contextually sensitive designs. The project emphasizes sustainability, cultural preservation, community involvement, and innovation to honor regional identity while embracing future demands. The development includes 50 residences with 2BHK, 3BHK, and 4BHK layouts. Beyond housing, the project features a multipurpose hall, outdoor amphitheater, market area, community kitchen garden, security and administrative offices, and recreational spaces, ensuring a holistic living experience. This thoughtful blend of tradition and modernity aims to preserve and celebrate regional architecture.



2.11 Colors of Joy: Woxsen Architecture Students Inspire Creativity in Children

UN SDG: 4

On Saturday, 4th May 2024, the School of Architecture and Planning Semester 1 students organized a creative and engaging activity for the children of manual workers. The event focused on finger painting, allowing the kids to explore their artistic abilities in a fun and playful manner. This initiative not only helped the children express themselves creatively but also fostered a sense of bonding and community between the students and the children. The activity was well-received, with the kids enjoying the vibrant colours and hands-on experience, making it a memorable day for all involved.



2.13 Empowering Labourers: The ERS Initiative Promotes Voting Awareness and Democratic Inclusion

UN SDG: 10, 16 & 17

The ERS initiative aimed to raise awareness among labourers from Bihar and other regions about the importance of voting, especially given the challenges they face in returning home for elections. Encouraging participation in the electoral process aligns with the United Nations Sustainable Development Goals (UNSDGs), including Goal 10 (Reduced Inequalities) by ensuring equal political participation, Goal 16 (Peace, Justice, and Strong Institutions) by fostering democratic inclusion, and Goal 17 (Partnerships for the Goals) through collaboration between governments and organisations. The initiative highlighted the need for alternative voting methods for daily wage earners to ensure their voices are heard in the democratic process.



2.14 Kawach : Legal Aid and Literacy Camp for Labourers

UN SDG: 8, 16 & 17

As part of an ERS Activity, Dr. A Sreelatha, Dean of the School of Law, Prof. Ummul Waraah, and Mr. Sudhan from Woxsen University visited MGNREGA laborers working in cotton fields near Kamkole Toll Plaza. The visit aimed to raise awareness about labor rights, wage issues, and working conditions. Observations revealed wage violations and lack of understanding of legal protections. Concerns about children's education and skill-based training were also addressed. The team recommended organizing regular legal aid camps, training programs, and collaborations with NGOs. This initiative aimed to empower the laborers with knowledge and ensure their rights are protected and upheld.

2.15 Breaking Barriers: Legal Aid and Support for Women and Children at Sakhi Centre

UN SDG: 5, 10, 16 & 17

The recent visit to Sakhi Centre, Sangareddy, aimed to provide legal assistance and awareness to women and children affected by domestic violence, sexual abuse, and other forms of gender-based violence. The visit focused on educating them about their legal rights and available remedies. Personalized legal counseling addressed issues such as domestic violence, child custody, and maintenance claims. Coordination with Sakhi Centre staff highlighted challenges in providing continuous support to victims. Observations revealed a high demand for legal assistance, a lack of awareness of protective laws, and a pressing need for psychological support. Fear and societal stigma emerged as barriers for victims seeking help. Recommendations include organizing regular legal aid camps, conducting staff training on legal procedures, implementing awareness campaigns, and collaborating with NGOs for comprehensive support. The visit was a success, with positive participant feedback, emphasizing the necessity of ongoing legal aid and support in the region.



2.16 Vote Shakti: Empowering Woxsen University Staff Through Electoral Awareness and Civic Responsibility

UN SDG: 16 & 17

The "Vote Shakti" ERS activity, organized by the School of Sciences at Woxsen University on May 8th, 2024, aimed to raise awareness about elections and voting among university staff, including housekeeping personnel and security guards. The event welcomed 100 participants from various roles, offering a comprehensive introduction to the importance of elections and democratic participation. Resource persons, including Shri S. Venkateswarlu, District Educational Officer, and others, led insightful sessions on the significance of voting, democracy, and fundamental rights.

The interactive sessions and discussions fostered a nurturing environment, allowing participants to ask questions and engage deeply with the content. The active participation of faculty and students ensured a collaborative learning experience. The initiative succeeded in instilling a sense of civic responsibility and motivating attendees to vote. Feedback collected from participants highlighted the lasting impact of the program, promoting informed citizenship and personal growth for a more engaged electorate.



Shri S. Venkateswarlu
District Educational Officer,
Sangareddy, Telangana

2.17 Digital Seed Initiative: Nurturing Digital Literacy in Rural India

UN SDG: 4, 10 & 17

Despite advancements in various sectors, digital literacy remains a significant challenge in rural India, leaving many children without access to essential resources. To address this gap, we have launched the Digital Seed initiative, focusing on spreading digital literacy in underserved regions. Our journey began at Mahima Ministries orphanage, where many children touched a laptop for the first time. With the support of dedicated student volunteers from Woxsen University, these children were introduced to basic laptop operations. The volunteers patiently guided them, tailoring their explanations to accommodate different age groups and helping them overcome initial hesitations. This initiative represents the first step in our mission to empower young minds with digital skills. We believe that the knowledge shared today will blossom into a strong foundation for their future, paving the way for educational and employment opportunities. Woxsen University is committed to nurturing this growth at every stage, with plans to expand the initiative to more orphanages and rural communities. Together, we can cultivate a future where every child, regardless of their background, has the opportunity to thrive in a digital world.



2.18 Understanding Rural Governance: Woxsen summer school program

UN SDG: 5, 10, 16 & 17

As part of Woxsen University's summer school program, students embarked on a transformative Village Transect Walk to Pedda Gopalaram in Telangana. This immersive experience allowed them to engage directly with villagers, gaining insights into their lifestyle, sources of income, culture, and sanitation conditions through observation and dialogue. During their visit to the Panchayat office, students learned about local governance, including Grama Sabha meetings and the roles of the Sarpanch and MPTC. These leaders addressed students' questions regarding central and state government funding and the significance of local administration. The trip also included a visit to the Anganwadi Centre, where students discovered the vital services provided for early childhood development and maternal care, highlighting the center's role in supporting the community. This hands-on experience illuminated both the challenges and strengths of rural life, fostering a deeper understanding of rural administration and politics. We hope this exposure inspires the students to contribute meaningfully to the development and betterment of rural communities in the future, igniting a lasting passion for social change.

2.19 Woxsen University's TRY Students Organization Shines on the Global Stage

UN SDG: 8, 16 & 17

Woxsen University's Transforming Rural Youth (TRY) Students Organization has achieved remarkable recognition, securing second place in the prestigious Principles for Responsible Management Education (PRME) Global Sustainable Students Award. This accolade follows their significant win of the PRME Sustainability Award for South and Central Asia.

Competing against 119 contenders from 46 countries, the TRY Students Organization stood out alongside the Sustainability Club from Zayed University, Abu Dhabi, UAE, and the SPARK Foundation from the Beedie School of Business at Simon Fraser University, Canada. This achievement underscores the commitment and innovative spirit of our students in addressing sustainability and responsible management. A special acknowledgment goes to our dedicated representatives—Shaik Iqbal Pasha, Abdul Adil, Viyyapu Chaitanya Ganesh, Saicharan Miriyala, and MS Vishwanath—who showcased the mission and vision of our organization on an international platform. We also extend our heartfelt congratulations to all members of the TRY club for their hard work and dedication.

This recognition marks just the beginning of our journey. With renewed motivation and a commitment to our goals, we look forward to achieving even greater heights in the pursuit of sustainability and community development. Together, we can continue making a meaningful impact on rural youth and beyond.



PRME
2024 GLOBAL FORUM

This webinar starts at 11:15 AM [Start webinar](#)

RME Week

ACCELERATING OUR COMMON AGENDA **PRME**
2024 GLOBAL FORUM

Presenting the PRME Global Students Sustainability Award

Regional & Global Winners

PRME GLOBAL STUDENTS **Marketplace** SIMULATIONS **RME Week**

 Paulo Soares	 Ernest Calista
 Sindu Agrawal	 Shah Jahan Pasha

3.1 Integrating Sustainability in Education: Highlights from Woxsen University's Faculty Development Program

UN SDG: 4, 10 & 17

Woxsen University's week-long Faculty Development Program (FDP) focused on integrating sustainability into the academic curriculum. With the urgency of environmental challenges, this FDP emphasized sustainability's importance across all academic and institutional practices. The event kicked off with a keynote address by Prof. Syed Hasan Jafar, stressing the need for sustainability in academia. Notably, the use of the Metaverse platform for live interactions added a modern touch to the sessions.

Dr. Shiva Sai Kiran discussed the complexities of teaching sustainability to management students, while external speaker Dr. Lokesh Kumar highlighted how different industries approach strategic management in sustainability. A key moment came on Day 2, focusing on entrepreneurship and marketing, with Dr. Atun Roy Choudhury exploring business opportunities in waste management. Over the following days, topics ranged from sustainable finance to innovative pedagogical methods and the "People" quotient in sustainable businesses.

03



3.2 ICSSCGE-2024: Advancing Sustainable Smart Computing and Green Energy at Woxsen University

UN SDG: 7, 12 & 17

Woxsen University's School of Technology organized the International Conference on Sustainable Smart Computing and Green Energy (ICSSCGE-2024) on June 25-26, 2024, in Hyderabad, India. This interdisciplinary event aimed to address critical environmental challenges by bringing together researchers, scientists, and industry experts to explore sustainable technologies and eco-friendly energy solutions. Supported by a grant of 2 Lakhs from DST-SERB, and raising an additional 2,49,500 INR through registrations, the conference generated a total revenue of 4,49,500 INR.

Out of 176+ global submissions, 55 significant papers were shortlisted, thanks to the reviewers and scrutiny teams. The conference began with a traditional Ganesh Vandana, followed by speeches from the Dean of Technology, Conference Patron Dr. Raul Rodriguez, and the Convenor Dr. Bhargav Prajwal Pathri. Experts delivered keynote speeches from institutions such as Hitachi India, SVNIT Surat, and Agder University, Norway, who shared valuable insights on sustainable computing and green energy.

Dr. D.P. Kothari

Regional Director in charge,
IIT, Delhi, India



Dr. Shivani Sharma

Hitachi Energy, India



Dr. S B GOYAL

City University, Malaysia



Prof. Dr. Mohanlal Kolhe

Faculty of Engineering and Science of the
University of Agder (Norway)



Dr. Shailendra Kumar

S.V. National Institute of Technology,
Surat, India



Dr. Praveen Aggarwal

Anand International College of Engineering,
Jaipur, Rajasthan, India



3.3 Empowering Change: Creative Thinking Workshop at the Ekatra Summer Program

UN SDG: 3, 5 & 17

On June 13-14, 2024, a creative thinking skills workshop was held under the Ekatra Summer Program at the Rescue Foundation, engaging survivors from five centers. Participants were introduced to SCAMPER, a design thinking tool, through an online exercise, which allowed them to apply creativity to everyday objects. The next day, they learned stick-figure illustrations and created comic strips on the theme "Best Day of My Life." These workshops aimed to foster creative thinking, empowering survivors by helping them view themselves not just as victims but as empowered individuals. Future sessions will continue this approach with student-led activities promoting further engagement.

3.4 Animating Awareness: Woxsen University Collaborates with Terralingua on Biocultural Diversity Project

UN SDG: 4, 13, 14, 15, & 17

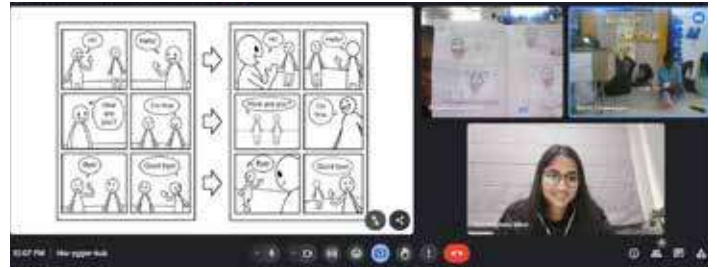
Terralingua, a non-profit based in British Columbia, Canada, has partnered with the Department of Communication Design at Woxsen University's School of Arts and Design to create an educational animation on biocultural diversity. Five Communication Design students are working with faculty and the Terralingua team on this international project, launched in May 2024 and expected to conclude in September 2024. Dr. Vivek and Dr. Praveen from VIT have joined as external mentors. The animation will serve as a resource for public awareness, education, and international policy advocacy on the importance of conserving biocultural diversity.

3.6 Ride the Wave: Understanding and Managing Stress

UN SDG: 3

On June 20, 2024, Woxsen University hosted the "Ride the Wave: Understanding & Managing Stress" event, focusing on stress management and mental well-being. Organized by the School of Sciences and the Wellness Centre, the event aimed to educate attendees on identifying and managing stress. Dr. Beauty Pandey introduced the session, and Wellness Coordinators Mrs. Darshini and Mrs. Ruthra led comprehensive discussions on stress types and effective coping mechanisms.

Participants engaged in hands-on activities to identify personal stress triggers through interactive puzzles and life event analyses. These activities helped attendees gain valuable insights into their stress patterns. The session emphasized a balanced lifestyle, physical activity, and social connections for resilience. The event concluded with a Q&A session, where participants received personalized advice. The overwhelmingly positive feedback highlighted the event's success in fostering a supportive community and empowering individuals to manage stress effectively.



3.5 Strengthening Partnerships: Legal Aid Initiative and MOU Discussion at Sakhi Centre

UN SDG: 5, 10, 16 & 17

A visit to Sakhi Centre aimed to provide legal aid to victims and discuss a potential Memorandum of Understanding (MOU) between the organization and Sakhi Centre. The team conducted one-on-one legal counseling, addressing issues like domestic violence and child custody, and coordinated with local authorities to improve support services. The discussion on the MOU included formalizing the partnership, defining roles, and planning joint efforts such as legal aid services, training, and workshops for staff. Both parties agreed to monitor the collaboration's effectiveness through regular meetings, with a follow-up meeting scheduled to finalize the MOU and organize the first training session.



Highlights

of Activities Q2-2023

Last Year Throwback

Relationships: How do they affect us?

UN SDG: 3

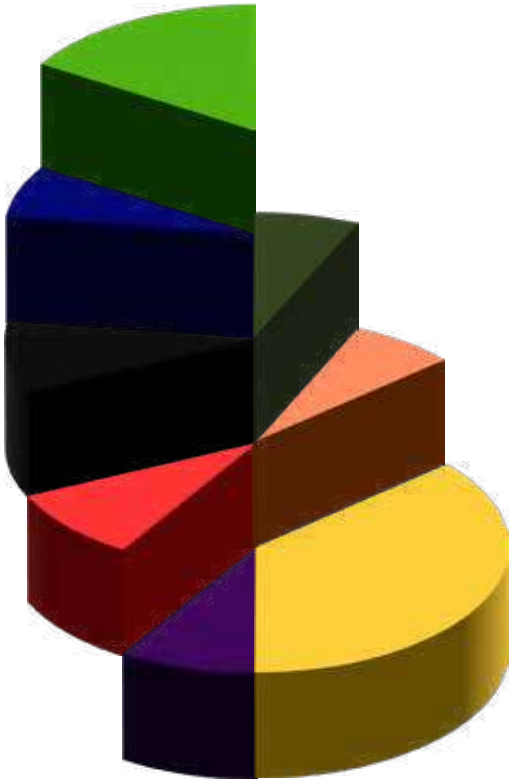
The Student Wellness Cell at Woxsen University recently concluded its sixth session, titled "Relationships: How do they affect us?" Led by Ms. Shampa Chowdhury, the session explored the evolution of relationships from early development stages and how they shape our lives. Ms. Chowdhury highlighted the impact of both positive and negative relationships on mental health, discussing the dangers of toxic relationships and the effects of isolation, rejection, and bullying. Emphasizing self-connection and positive relations, she illustrated the importance of nurturing healthy bonds for overall well-being. K S Sri Kumar, a Community Service Volunteer, moderated the session, extending heartfelt thanks to the speaker on behalf of the Student Wellness Cell.

Legal Aid-Outreach Program

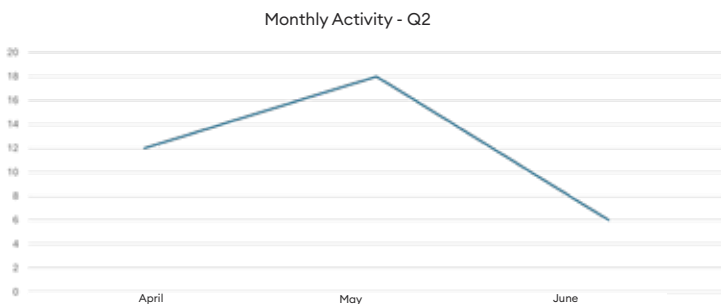
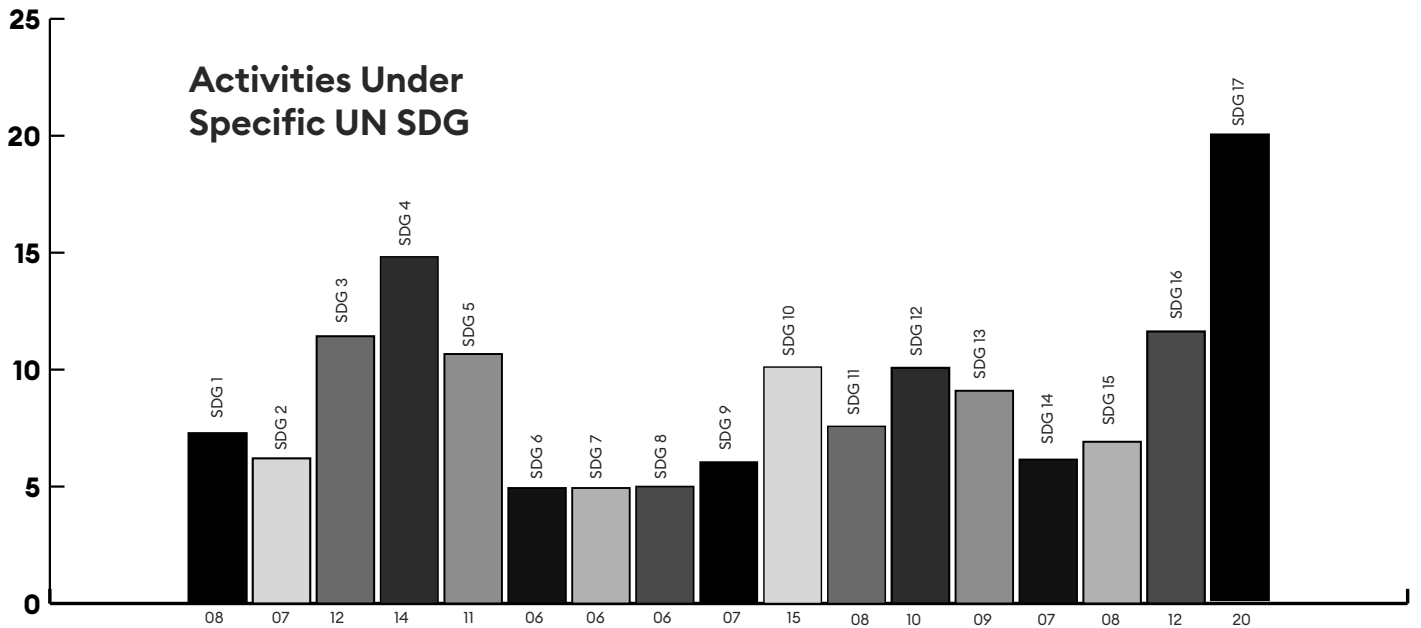
UN SDG: 16

The School of Law at Woxsen University initiated a legal aid drive in Kamkole Village, Muniipally Mandal, aiming to advance SDG Goal 16 by enhancing access to legal services. The Legal Aid Cell's core mission is to safeguard community rights and interests, focusing on equitable access to justice. On Thursday, September 20, the team visited Kamkole's Gram Panchayat Office to identify common legal issues faced by village women and consulted with Anganwadi and Asha workers regarding frequently reported cases. During the visit, two women sought immediate legal advice on property rights and domestic violence, which were promptly addressed. The Gram Panchayat Office, along with the village secretary, welcomed this collaboration, marking a positive step toward legal empowerment in the village.





School	No. Activities
School of Business	03
School of Technology	03
School of Arts & Design	16
School of Architecture & Planning	04
School of Liberal Arts & Humanities	04
School of Law	04
School of Sciences	03
ERS Wing	07
Total	37



In the Q2 of 2024

37
ERS Projects

1817
Total Engagement

*Note: Data of Quarter 2 - April to June 2024



Contact Info:

Mr. Sudhan S

Project Officer, ERS, Woxsen University
Phone no: 908061231
Email id: sudhan.guru@woxsen.edu.in

Corporate Office

Plot No.1270, 4th floor, JSP Jubilee Crown Building,
Road No.36, Jubilee Hills, Hyderabad - 500033, India

Campus

Kamkole, Sadasivpet, Sangareddy District, Hyderabad
502 345, Telangana, India



Woxsen- Ethics, Responsibility & Sustainability

Quarterly ERS Activity Report

Edition - 3

#3 July to September 2024

Index

1.1	Community Engagement and Needs Assessment in Maqdampalli Village	01
1.2	Restoring Hyderabad's Blue and Green Spaces: A Sustainable Vision	01
1.3	Exploring Bidriware: A Cultural Heritage Expedition	01
1.4	Workshop on Fashion Illustration Module	02
1.5	Preserving Heritage Through Innovation: Woxsen University's Photogrammetry Workshop at Qutubshahi Tombs	02
1.6	Innovative Fashion Design: Button Masala Workshop	03
1.7	Empowering Women and Children: A Workshop on Legal, Welfare, and Emotional Support	03
2.1	Empathy in Textile Industries	04
2.2	Guest Lecture conducted on AI and its relevance- Empowering Innovation for a Smarter Future	04
2.3	Sustainable Expressions: Celebrating Freedom and Unity for a Greener Future	04
2.4	Conference on Fashion as a Tool for Social Change	05
2.5	Celebration of 10th National Handloom Day	05
2.6	Fourth International Ethics Advisory Board Meeting of the School of Arts and Design	05
2.7	To Utilize Art Therapy Techniques to Improve the mood, confidence and personal growth of children	06
2.8	Workshop: Writing and Communicating Effectively	06
2.9	Seed Ball Making	06
2.10	Plant Mitra	08
2.11	Swasthya Mela 2.0	08
2.12	Project Legacy 2.0: Empowering Girls through Education	08
3.1	The Imperative of Sustainable Development	09
3.2	Plantation Drive: Fostering a Greener Future	09
3.3	Integrating Sustainable Design in Facade Architecture	09
3.4	Sustainable Footwear Design Workshop	10
3.5	CLO3D Virtual Fashion Prototyping	10
3.6	Designing Construction: Building with Raw Earth, Workshop	10

3.7	Workshop on “Introducing Happiness Connect through Yoga”	11
3.8	Menstrual Health & Hygiene	11
3.9	Circular Economy and Sustainability	11
3.10	Environment and Biodiversity Conservation	12
3.11	Green Impact Initiative: Seed Ball Plantation	12
3.12	Swasthya Mela 3.0	13
3.13	Project Legacy 3.0: Empowering Future Leaders	13
	Previous Year Highlights (July- September 2023)	14-16

1.1 Community Engagement and Needs Assessment in Maqdampalli Village

UN SDG: 3, 4, 6, 8 & 11

As part of the School of Technology's Ethics, Responsibility, and Sustainability (ERS) initiatives, a team visited Maqdampalli village on July 11, 2024, to assess the community's needs and identify areas for impactful support. The visit involved meetings with local school staff and community leaders, revealing essential requirements for educational and socio-economic growth. At the school, teachers emphasized a need for playground equipment, additional educational resources, and career guidance. Discussions with village leaders highlighted health challenges due to limited clean drinking water, a need for nutrition and hygiene awareness, and a demand for skill development to address employment issues. The ERS team aims to address these areas, fostering sustainable growth and improved well-being for the community.



1.2 Restoring Hyderabad's Blue and Green Spaces: A Sustainable Vision

UN SDG: 3, 6, 13 & 14

The recent Environmental Restoration Study by Woxsen University highlights significant environmental challenges in Hyderabad, focusing on water pollution in the Musi River, loss of green cover, and poor waste management. The report identifies critical problems such as floating waste and water hyacinths, which obstruct oxygen flow in water bodies, causing ecological and health risks. These issues, combined with the city's diminishing green spaces, underline the urgent need for action.

To address these concerns, the Environmental Restoration Study suggests comprehensive urban planning strategies, enhanced drainage systems, and regular clean-up drives. It also emphasizes community engagement and stricter waste management policies. By enhancing the city's blue-green infrastructure, Hyderabad can create healthier living environments and better prepare for the impacts of climate change.



1.3 Exploring Bidriware: A Cultural Heritage Expedition

UN SDG: 8, 11 & 12

The School of Arts and Design at Woxsen University organized the "Exploring Bidriware: A Cultural Heritage Expedition" as part of its material culture cognition module, offering students an immersive educational experience focused on the ancient craft of Bidriware. The program provided students with direct interaction with local artisans in Bidar, who shared their expertise and demonstrated the intricate process of creating Bidriware. Students visited workshops, observing how traditional techniques are adapted for modern markets while preserving the craft's essence. Through this hands-on experience, students gained a deeper appreciation for cultural heritage, understanding the challenges and significance of preserving traditional arts and supporting local communities.



1.4 Workshop on Fashion Illustration Module

UN SDG: 11 & 12

The Eco-Fashion Illustration Workshop was an innovative initiative aimed at challenging students' creativity while promoting sustainability in fashion design. Participants were tasked with creating fashion croquis using only natural materials gathered from their immediate environment. The workshop emphasized three key objectives: mobilization, encouraging students to explore and collect natural resources; collaboration, fostering teamwork to combine creative ideas; and creativity, pushing the boundaries of traditional fashion illustration by incorporating unique, organic elements. This hands-on approach helped students embrace sustainable practices in their design process.



1.5 Preserving Heritage Through Innovation: Woxsen University's Photogrammetry Workshop at Qutubshahi Tombs

UN SDG: 4 & 17

The School of Arts and Design at Woxsen University hosted a Photogrammetry Workshop at the Qutubshahi Tombs in Hyderabad as part of the 'Designed in India: International Summer Program 2024.' This innovative workshop brought together students from The British University in Egypt and Woxsen University faculty to explore the intersection of technology and heritage conservation. Over six hours, participants gained a comprehensive understanding of photogrammetry and its critical role in preserving historical sites, guided by Professors Tejas Pawar, Shivaram Reddy, and Pradeep Kumar.

Beginning with an introduction to photogrammetry's historical context and significance in digital heritage preservation, students engaged in practical sessions at the Qutubshahi Tombs. They learned to capture high-quality images and then processed these images using specialized software to create detailed 3D models and orthophoto maps. The workshop emphasized documentation and analysis, teaching participants to assess the accuracy of their models and identify areas for improvement. A key outcome was the successful creation of 3D models of the tombs, contributing to the site's digital documentation. Additionally, the workshop fostered cross-cultural collaboration, allowing students to enrich their academic experience while gaining a global perspective on heritage conservation practices.



1.6 Innovative Fashion Design: Button Masala Workshop

UN SDG: 12

The Button Masala Workshop, organized by the Fashion Design department at Woxsen University's School of Arts and Design, introduced students to an innovative and sustainable approach to fashion design. Focusing on the unique 'Button Masala' technique, this workshop allowed students to create garments without cutting or stitching. Participants engaged in hands-on learning using materials such as fabric, rubber bands, and sequins, guided through the process of garment creation.

Key highlights included sustainable design principles, showcasing how to create environmentally friendly, waste-free clothing with minimal resources. The workshop emphasized the versatility of the Button Masala technique, demonstrating how a single piece of fabric could transform into various styles, promoting multifunctional clothing. Students were encouraged to think outside conventional fashion design, exploring applications for accessories, shoes, and home furnishings. The hands-on experience fostered creativity and problem-solving skills, while the collaborative environment promoted idea-sharing among peers. Overall, the workshop successfully inspired students to embrace sustainability and innovative thinking in their designs.



1.7 Empowering Women and Children: A Workshop on Legal, Welfare, and Emotional Support

UN SDG: 4, 5 & 10



Hon'ble Smt. G. Bhavani Chandra
Principal District and Sessions Judge, Sangareddy

A workshop addressing the legal, aspects concerning women and children was held, drawing over 60 frontline workers from Sangareddy District, along with representatives from the District Child Protection Office (DCPO), Child Welfare Committee (CWC) members, and other relevant authorities. The event began with the Honourable Judge discussing the legal issues affecting women and children, followed by insights from Sri. Sanjeeva Rao, Additional Superintendent of Police, Sangareddy, on the procedural norms impacting these groups.

Smt. K. Lalitha Kumari, District Welfare Officer for Sangareddy, enriched the session by discussing various welfare schemes and policies aimed at improving conditions for women and children. After lunch, staff from Woxsen University conducted a session on Emotional Literacy Training tailored for social workers and abuse victims, focusing on emotional well-being strategies for frontline workers facing significant challenges. Dr. A. Sreelatha, Director of Compliance and Legal Studies at Woxsen University, concluded the event by emphasizing the university's commitment to ethics, responsibility, and sustainability, highlighting the establishment of the Legal Aid Cell at Woxsen University as a testament to their dedication to societal development and support.



2.1 Empathy in Textile Industries

UN SDG: ALL SDGs



Prof. Catherine Harper PHD

Pro-Vice Chancellor, The British University in Egypt, Cairo. Former DVC (Chichester/UCA). Co-editor, TEXTILE: Cloth & Culture, PhD Composite Engineering, Chair Professor of Design, Woxsen University, Academic Advisory Board, Cindrebay School of Design, India. Board of Directors, Institute for Educational & Social Equity.

An insightful discussion on "Empathy in the Textile Industry" was held between Professor Catherine Harper, PhD, Pro-Vice Chancellor at The British University in Egypt, and Professor Adity Saxena, PhD, Dean of the School of Arts and Design at Woxsen University. The conversation explored the significance of empathy, cross-cultural collaboration, and the sustainability of artisans in the textile industry. Emphasizing the vital role of business education, they discussed how students can drive operational and cultural transformations within the sector. The discussion, released as a podcast on online platforms, aims for broader impact and visibility, promoting change in the industry.



2.2 Guest Lecture conducted on AI and its relevance- Empowering Innovation for a Smarter Future

UN SDG: 4



Mr. Bala Prasad Peddigari

Chief Innovation Officer and Global Head- Technology, Software & Services Business Group, Tata Consultancy Services (TCS)

On August 13th, 2024, Woxsen University's School of Technology hosted a guest lecture featuring Mr. Bala Prasad Peddigari, CIO of Tata Consultancy Services. The event focused on AI's transformative potential, its real-world applications, and the ethical considerations shaping its future.

02

Mr. Peddigari's insightful lecture was followed by a fireside chat with Dr. Riya Bhattacharya, where discussions centered on AI-assisted tools and their impact on fields like medicine, art, and science. Students actively engaged with questions about job prospects and skills required in the AI-driven industry. The event concluded with a strong sense of optimism and hope, empowering students with the knowledge to navigate AI's growing influence in the workforce.



2.3 Sustainable Expressions: Celebrating Freedom & Unity for a Greener Future

UN SDG: 8,10,11,12,16 & 17

Woxsen School of Architecture and Planning is organizing a creative event to raise awareness about Sustainable Development Goals (SDGs) through various activities. The event includes poster design competitions, encouraging participants to showcase eco-friendly practices under the theme "Freedom through Sustainability" and celebrate India's cultural diversity with "Unity in Diversity." Students can also submit poems or essays reflecting on India's journey toward sustainable development, unsung heroes of the independence movement, or their vision for a sustainable future. Additionally, short films will be created to depict sustainable living, the power of unity, and initiatives empowering rural India, promoting awareness and action toward achieving the SDGs.

2.4 Conference on Fashion as a Tool for Social Change

UN SDG: 12



Dr. Madhusudan Pal

Scientist-G, Department of Ergonomics, Defence Institute of Physiology and Allied Sciences (DIPAS), Defence Research and Development Organization (DRDO).
Director, Center of Excellences (CoEs), FDDI, Noida.



Dr. Kaustav Sengupta

Director Insights- VisioNxt Trend Insights and Fashion Forecasting Lab, Associate Professor and Chair Linkperson, NIFT, Co-founder- InkLink Charitable Trust.

The "International Conference on Fashion as a Tool for Social Change (FTSC - 2024)" was a groundbreaking event that united stakeholders from fashion, academia, and social advocacy to explore fashion's potential for societal transformation. Centered around the theme of using fashion to challenge social norms and foster inclusivity, the conference aligned its discussions with the Sustainable Development Goals (SDGs). Over two days, participants engaged in keynote addresses, panel discussions, and networking sessions, promoting interdisciplinary collaboration across fields such as fashion design, social sciences, and environmental studies. The event emphasized the importance of diverse perspectives, making fashion a catalyst for social progress and sustainability, highlighting its role in shaping a more inclusive future.



2.5 Celebration of 10th National Handloom Day

UN SDG: 8 & 11

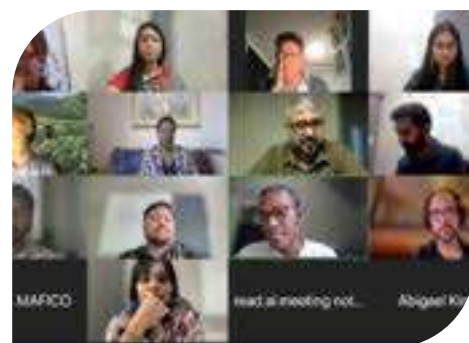
The School of Arts & Design at Woxsen University, in collaboration with the Weavers' Service Centre under the Ministry of Textiles, celebrated India's handloom heritage on August 10, 2024, marking the 10th National Handloom Day. The event highlighted intricate handloom designs and awarded sarees from Pochampally, Gollabhama, and Narayanpet, showcased by master weavers. Chief Guest Dr. Arun Kumar emphasized preserving handlooms, urging support for Indian textiles. Dr. Catherine Harper shared her insights as a weaver and inaugurated the Catherine Harper Textile Lab at Woxsen. Dean Dr. Adity Saxena inspired students to empower traditional weavers, promoting knowledge exchange. The event underscored the cultural significance of handlooms, fostering sustainable industry growth and respect for heritage.



2.6 Fourth International Ethics Advisory Board Meeting of the School of Arts and Design

UN SDG: ALL SDGs

On August 28th, 2024, Woxsen University's School of Arts & Design (SOAD) hosted the 4th International Ethics Advisory Board (IEAB) Meeting, focusing on ethics, responsibility, and sustainability (ERS). The meeting highlighted Woxsen's Five Pillars and SOAD's initiatives, including social immersion courses, internships, and capacity-building programs aligned with ERS values. SOAD's contributions to Sustainable Development Goals, particularly SDG 5 (Gender Equality) and SDG 13 (Climate Action), were showcased through student projects. The IEAB praised SOAD's effective approach to addressing social and environmental challenges and expressed interest in future international collaboration, recognizing the market potential of SOAD's innovations.





2.7 To Utilize Art Therapy Techniques to Improve the mood, confidence and personal growth of children

UN SDG: 3 & 17

The "Art for Wellness" workshop, led by Prof. Vishakha Rao on August 25, 2024, at the Mamidipudi Venkatarangaiya Foundation (MVF), successfully combined art therapy with educational motivation. Organized by the TRY Club, Sustainability Club, and Wellness Center, the workshop aimed to uplift children through creative activities that enhanced mood, confidence, and enthusiasm for learning. The children actively engaged in creating and presenting their artwork, showing improved mood and increased confidence. This multidisciplinary initiative highlighted the intersection of education, sustainability, and mental health, demonstrating the effectiveness of using art to support emotional well-being and learning motivation.



2.8 Workshop: Writing and Communicating Effectively

UN SDG: 4 & 10

The "Workshop on Writing and Communicating Effectively" provided students with essential skills in email writing, crafting CVs, and understanding body language. Aimed at enhancing both verbal and non-verbal communication, the 3.5-hour workshop included practical sessions where students completed worksheets to apply what they learned. The event was well-received, with students finding it highly beneficial. School authorities appreciated the initiative and encouraged similar workshops for future batches, reinforcing the importance of effective communication skills in professional and personal development.



2.9 Seed Ball Making

UN SDG: 13 & 17

The School of Law at Woxsen University held an engaging event on Ethics Responsibility and Sustainability (ERS) during the orientation for the 2024-29 student batch. The session featured a hands-on activity where students created seed balls, blending seeds, soil, manure, and bio-pesticides to promote reforestation and biodiversity. Divided into groups, students learned about sustainable practices while bonding with their peers. The activity emphasized environmental awareness, teamwork, and Woxsen's core commitment to sustainability. This meaningful event left a lasting impact, fostering a sense of responsibility toward ethical and sustainable practices among the new students.



2.10 Plant Mitra

UN SDG: 13 & 17

The "Plant-Mitra: "एक पेड़ माँ के नाम" event, organized by the School of Science at Woxsen University on August 22, 2024, was a successful plantation drive contributing to the national campaign initiated by the Environment, Forest & Climate Ministry (MoEF & CC). Participants, including students and faculty, planted 50 saplings near the university's cricket stadium, promoting environmental sustainability and fostering a sense of community. Aligned with the UN's Sustainable Development Goals (SDG3), the event emphasized the importance of afforestation to combat climate change and land degradation. The hands-on experience provided practical learning, deepened environmental responsibility, and strengthened bonds among participants, reinforcing Woxsen University's commitment to sustainability and environmental stewardship.



2.12 Project Legacy 2.0: Empowering Girls through Education

UN SDG: 4, 5 & 10

On 22nd August 2024, Woxsen University's ERS Wing conducted a transformative 3-day workshop at Girls Zilla Parishad High School, Sadasivpet, Telangana. The workshop, led by Woxsen students, focused on Essential Life Skills, Sustainable Living, and Career Navigation, aiming to empower young girls with the knowledge to shape their futures.

This initiative created a powerful mutual learning experience. While Woxsen students shared their expertise, they gained valuable public speaking skills and a deeper appreciation for the privilege of education. The mentorship sessions inspired the students to become catalysts for change and address societal challenges with empathy.

We are proud of our students' commitment to giving back, exemplifying leadership and service to build a brighter, more inclusive future.



2.11 Swasthya Mela 2.0

UN SDG: 3 & 17

The "Swasthya Mela 2.0," organized by Woxsen University's School of Sciences on August 6, 2024, focused on promoting the health and well-being of faculty and staff. The event featured comprehensive medical tests such as blood pressure, blood sugar, and cholesterol screenings, offering participants valuable insights into their health. Free medications and further clinical referrals were provided as needed. Students actively participated, gaining hands-on experience while contributing to community service. Dr. Srikar Thota's sessions on emergency preparedness were well-received, enriching the event. Swasthya Mela 2.0 successfully fostered a culture of wellness, emphasizing the importance of regular health check-ups and preventive care within the Woxsen community.

3.1 The Imperative of Sustainable Development

UN SDG: 4 & 7

An insightful discussion on "Empathy in the Textile Industry" was held between Professor Catherine Harper, PhD, Pro-Vice Chancellor at The British University in Egypt, and Professor Adity Saxena, PhD, Dean of the School of Arts and Design at Woxsen University. The conversation explored the significance of empathy, cross-cultural collaboration, and the sustainability of artisans in the textile industry. EDr. Rajat Kumar, IAS and Special Chief Secretary to the Government of Telangana, spoke at Woxsen University on the urgent need for sustainable development, focusing on green energy, agriculture, and industry practices. He emphasized the role of faculty in fostering a culture of sustainability among students and engaging regional communities in collaborative environmental efforts. The session highlighted the three pillars of sustainable development, covering solutions to boost India's renewable energy usage. Faculty members actively participated in a Q&A session, exchanging ideas and solutions. Dr. Rajat expressed interest in teaching a course and closely engaging with the university's sustainability initiatives, emphasizing the vital role of business education, they discussed how students can drive operational and cultural transformations within the sector. The discussion, released as a podcast on online platforms, aims for broader impact and visibility, promoting change in the industry.



3.2 Plantation Drive: Fostering a Greener Future

UN SDG: 13 & 17

As part of the Deeksharambh 2024 orientation program, the freshers at Woxsen University participated in a tree plantation drive, demonstrating their commitment to a sustainable future. Despite rainy weather, students eagerly planted saplings across various campus locations, showcasing their dedication to environmental stewardship.

This initiative not only marked the beginning of their academic journey but also highlighted the university's focus on environmental responsibility. By engaging in this activity, students played an active role in combating climate change and enhancing biodiversity on campus. The event aligned with Woxsen University's dedication to the UN Sustainable Development Goals, particularly those related to climate action and ecosystem conservation. Through this hands-on experience, students gained a deeper sense of ownership in protecting nature, reinforcing the importance of building a greener and more sustainable future.



3.3 Integrating Sustainable Design in Facade Architecture

UN SDG: 11

The students of Woxsen University, School of Architecture and Planning have been tasked with a unique design challenge involving the creation of a facade for a lakeside seating area. The objective is to design a space that provides privacy between tables while maintaining a connection to nature and offering a scenic view of the lake. The client has emphasized that the design should prioritize seating arrangements that allow the maximum number of people to enjoy the lakeside view, while also ensuring privacy and comfort.

A key aspect of the project is the facade, which must shield the seating areas from harsh sunlight, rain, and strong winds, all while preserving an uninterrupted, aesthetically pleasing view of the lake. Students are expected to come up with innovative ideas that not only address these functional needs but also enhance the overall ambiance of the space, making it a comfortable and inviting place to relax.

In addition to privacy and weather protection, the design must reflect the natural surroundings, integrating the beauty of the landscape into the structure. This balance of functionality and aesthetics presents an exciting opportunity for the students to showcase their creativity and practical problem-solving skills in architectural design.

By focusing on privacy, comfort, and a seamless connection to the natural environment, the project represents a forward-thinking approach to modern architecture. It encourages students to think beyond traditional design constraints and deliver a space that is both functional and visually captivating.

3.4 Sustainable Footwear Design Workshop

UNSDG: 8, 10, 12 & 17

The School of Design at Woxsen University, in collaboration with Earthen Tunes Designs Pvt. Ltd. and supported by the Centre for Pastoralism, conducted a seven-day sustainable footwear design workshop in Bagalkot district, Karnataka, from September 17 to 24, 2024. Facilitated by Future Greens NGO, the workshop focused on creating innovative footwear using indigenous Deccani wool and other natural materials, involving seven women's Self-Help Group (SHG) units in the district.

The participants successfully developed four unique Deccani wool footwear designs, along with a wool-based insulation packaging concept. This initiative not only introduced sustainable design practices but also highlighted the potential of blending traditional materials with modern techniques. The workshop emphasized skill-building for the SHG members, aiming to create sustainable income-generation opportunities for the local communities.

To ensure the market readiness of these designs, the Wool Research Association (WRA) and Footwear Design and Development Institute (FDDI) will support the refinement of the products. This workshop is part of Woxsen University's commitment to community engagement and sustainable development through its ERS activities, underscoring the importance of eco-friendly practices in design.



3.5 CLO3D Virtual Fashion Prototyping

UN SDG: 12 & 13

The School of Arts and Design at Woxsen University hosted a three-day CLO3D virtual fashion prototyping workshop from September 4-6, 2024, led by Mr. Sudheer Karuturi from Burgu Indonesia College. The workshop introduced students to advanced digital fashion design techniques, focusing on sustainable practices through virtual prototyping. Participants learned how CLO3D reduces material waste, fosters sustainable collaboration, and supports the digital fashion movement, offering alternatives to traditional fast fashion. The workshop equipped students with industry-relevant skills and emphasized the importance of sustainability in fashion design. This initiative reflects Woxsen University's commitment to ethical fashion, preparing students to lead the future of sustainable and responsible fashion design with cutting-edge digital tools.



3.6 Designing Construction: Building with Raw Earth, Workshop

UN SDG: 11 & 12

Woxsen University's School of Arts and Design hosted a five-day workshop titled "Designing Construction: Building with Raw Earth," led by Ar. Rikunj Shah. The workshop focused on the sustainable use of raw earth in interior design, emphasizing the rammed earth technique. Participants gained both theoretical knowledge and hands-on experience, exploring the eco-friendly potential of raw earth for creating walls, flooring, and furniture. The program introduced innovative tools and creative interior solutions, encouraging experimentation with different earth mixes. The workshop successfully showcased raw earth as a sustainable, aesthetically pleasing material for interior spaces, aligning with Woxsen University's commitment to promoting environmentally responsible design and equipping students with skills in sustainable construction practices.



3.7 Workshop on “Introducing Happiness Connect through Yoga”

UN SDG: 3 & 17

The “Introducing Happiness Connect through Yoga” workshop, held on September 1, 2024, at M V Foundation, introduced 48 children to the mental and physical benefits of yoga. In collaboration with TRY Club, Sustainability Club, Wellness Centre, and COE Yogic Studies, the workshop focused on stress management, emotional resilience, and mindfulness through gentle yoga postures and breathing techniques. Participants experienced improvements in flexibility, coordination, and body confidence in a supportive environment. Student volunteers Mohnish Ramini and Janani M. contributed to the success of the workshop by fostering a positive, engaging atmosphere. This initiative, aligning with SDG 3 (Good Health and Well-being), highlighted yoga’s role in promoting holistic wellness for children’s mental and physical development.



3.8 Menstrual Health & Hygiene

UN SDG: 3, 5 & 17

The School of Liberal Arts and Humanities (SOLH) at Woxsen University conducted its first ERS activity of the academic year 2024-25 on 19th September 2024 at Telangana Model School, Munipally, focusing on *Menstrual Health and Hygiene Management*. This initiative, aligned with SDGs 3, 5, and 17, aimed to address the stigma around menstruation and provide essential resources to students. In collaboration with the Pinkishe Foundation, the team distributed sanitary pads to 108 girls from grades 8 to 10. Dr. Shah Khatoon and Dr. Kousumi Brahma led interactive sessions, educating the girls on menstruation, hygiene, and available menstrual products. The session, presented in simple terms using the local language, encouraged open discussions and helped students better understand the biological, emotional, and hygiene-related aspects of menstruation. The initiative successfully increased awareness and promoted menstrual health, with plans for a follow-up visit to assess the program’s impact.

3.9 Circular Economy and Sustainability

UN SDG: 12, 13, 14 & 15

On 19th September 2024, the School of Liberal and Arts conducted an ERS activity at Telangana Model School, Munipally, focused on “Circular Economy and Sustainability”, with the support of Mr. Dasarath Pramanik, the Mandal Education Officer, and Mrs. Mallika, the Principal, the program was smoothly executed without disrupting regular classes. A total of 60 students from the 7th and 9th grades participated attentively in the session, where the concept of circular economy and its importance introduced using simple language and relatable examples. The students actively engaged, sharing their own observations and even referring to local sustainable practices. The session covered key topics such as conventional production, types of pollutants, and global and Indian practices of circular economy.

3.10 Environment and Biodiversity Conservation

UN SDG: 6, 13 & 15

The School of Liberal Arts and Humanities (SOLH) at Woxsen University, through its Steering Group on Social Impact & Outreach, organized its first ERS activity for the academic year 2024-25 on 19th September 2024. Held at Telangana Model School in Munipally, the initiative aligned with SDGs 13, 15, and 6, aiming to educate students about environmental protection and biodiversity conservation. Dr. Naveen Kolluju and Dr. Raju Chaketi led interactive sessions, focusing on ecosystem functionality, biodiversity, and sustainable practices. The event involved 35 students from the 7th and 8th grades, fostering active participation and discussion on local environmental issues like pollution and deforestation. The use of the local language ensured effective communication, encouraging students to reflect on their roles in environmental stewardship. This initiative not only raised awareness but also inspired students to adopt sustainable practices, laying the foundation for future conservation efforts within their communities.



3.11 Green Impact Initiative: Seed Ball Plantation

UN SDG: 13 & 17

The Woxsen-Green Impact Initiative, organized by the School of Law and ERS Wing on 4th September 2024, marked a significant step in Woxsen University's commitment to environmental conservation. Focused on forest regeneration, the initiative used the seed-ball plantation technique, an eco-friendly reforestation method where seeds encased in clay and compost are dispersed in forest areas. This method protects the seeds until they germinate under favorable conditions, helping restore green cover in hard-to-reach places. The project is part of Woxsen's broader CSR efforts, with follow-up plans to monitor tree growth and make the drive an annual event. The initiative not only promotes sustainability but also contributes to long-term economic benefits for local communities by creating green spaces.



3.12 Swasthya Mela 3.0

UN SDG: 3 & 17

Swasthya Mela 3.0 at Woxsen University, held on 27th September 2024, was a vital initiative focused on promoting the health and well-being of staff, particularly NCC construction workers and Group 4 employees. The event offered free medical tests, consultations, and health advice from professionals at Aster Prime Hospital, Hyderabad. Key tests included BMI, blood pressure, blood sugar, and eye examinations, providing participants with valuable insights into their health. Interactive sessions allowed participants to engage with doctors, discussing health management and preventive measures. The event emphasized the importance of regular check-ups and fostering a community wellness culture. Swasthya Mela 3.0 strengthened Woxsen University's commitment to the health and well-being of its staff and community.



3.13 Project Legacy 3.0: Empowering Future Leaders

UN SDG: 4 & 10

On 24th September 2024, Woxsen University's ERS Wing organized a transformative workshop at the Government School in Budhera, Telangana. The session focused on essential life skills and career guidance, with Woxsen students sharing insights to inspire and empower local children.

The initiative, aligned with the UN Sustainable Development Goals (SDGs) 4 and 10, aimed to promote quality education and reduce inequalities. Through engaging interactions, Woxsen students not only inspired the participants but also gained a deeper understanding of the challenges faced by underserved communities in accessing education.

This initiative underscores Woxsen University's commitment to fostering equal opportunities, empowering future generations, and building a more inclusive and sustainable society through education.



Highlights

of Activities Q3-2023

1. Woxsen University Observes International Day of Clean Air for Blue Skies

UN SDG: 3,4,11,13 & 17

Woxsen University celebrated the *International Day of Clean Air for Blue Skies* from September 5-7, 2023, with a series of impactful events aimed at fostering awareness about air quality and sustainability. The program, supported by the UN resolution designating September 7 as the day of observance, brought together faculty, students, and school children for various activities.

On the first day, the R&D Cell launched *"R&D in Sustainability"* featuring a session on "The Role of Faculty in HEIs" by Dr. Indira Das Molugumati and an interactive discussion led by Dr. Rajat Gera. The evening witnessed a vibrant *talk show* anchored by students, where participants spoke on topics promoting clean air awareness. The event concluded with a symbolic 15-minute lights-off initiative to reflect on the importance of blue skies.

The second day focused on *capacity building*, welcoming schoolchildren from four institutions for interactive sessions by faculty and a student speaker. Activities included an art competition judged by Dr. Indira and Dr. Alison and an engaging Metaverse class led by the AI Center.

On the final day, an *online carbon footprint survey* received 49 responses, aiding future research. The event's success was made possible by the leadership of faculty, students, and volunteers, aligning with Woxsen's commitment to sustainability.

2. Empowering Young Minds: Career Development and Sustainable Future

UN SDG: 4 & 13

Woxsen University hosted the ERS activity, *"Empowering Young Minds: Career Development and Sustainable Future,"* for 8th-10th grade students from Sri Bhasyam High School, Sadasivpet. The program provided an immersive educational experience designed to broaden students' horizons and inspire them to explore diverse career paths. Engaging interactions, hands-on activities, and exposure to laboratories enriched their understanding of various fields of study. Aligned with *United Nations SDG 12 – Responsible Consumption and Production*, the session emphasized sustainability principles and responsible practices, fostering environmental and social awareness. Students gained valuable insights into future career directions, guidance for making informed choices, and an understanding of resource conservation and sustainable living. The program empowered participants to envision a conscientious and sustainable future.





3. Empowering Rural Women: Legal Awareness for Self-Reliance and Entrepreneurship

UN SDG: 5, 8 & 16

The School of Law, Woxsen University, conducted a session on July 6, 2023, at an Anganwadi Centre in Kamkole Village, Sangareddy District, Hyderabad, for Self-Help Groups funded by the government to promote entrepreneurship and financial independence among rural women. The session focused on raising awareness about legal challenges that manufacturers and vendors might face. Members were educated on the importance of providing proper receipts and maintaining product quality under the principle of *Caveat Venditor*- "let the seller beware." This guidance aimed to minimize potential legal disputes and empower women to understand their rights as sellers and consumers. The session was well-received, with participants appreciating the valuable insights provided to support their entrepreneurial endeavours.



4. Bridging Gaps in Education: Woxsen Law School's Initiative for Kamkole Students

UN SDG: 4, 10 & 17

The School of Law, Woxsen University, conducted a session on July 7, 2023, at Kamkole Government School, Hyderabad, addressing a need identified during a previous legal aid session. The school's principal had highlighted a shortage of English teachers, impacting students' learning. In response, Dr. Sreelatha, Head of the School of Law, took an engaging session to teach and interact with the students. This initiative was warmly received by the school, with the principal expressing gratitude for the support and appreciating the proactive effort. The School of Law assured continued assistance for any challenges faced in primary education, reinforcing their commitment to community support and making quality education accessible to all. The gesture was celebrated as a meaningful contribution to the school's development.

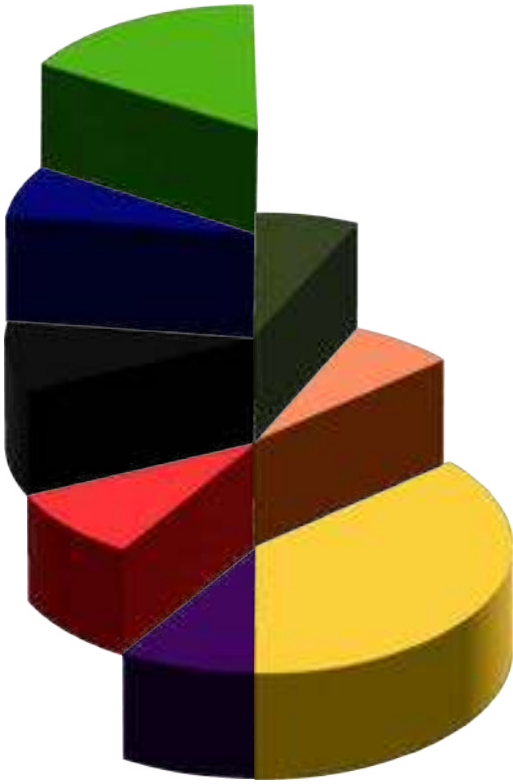


5. Syntax Spotlight

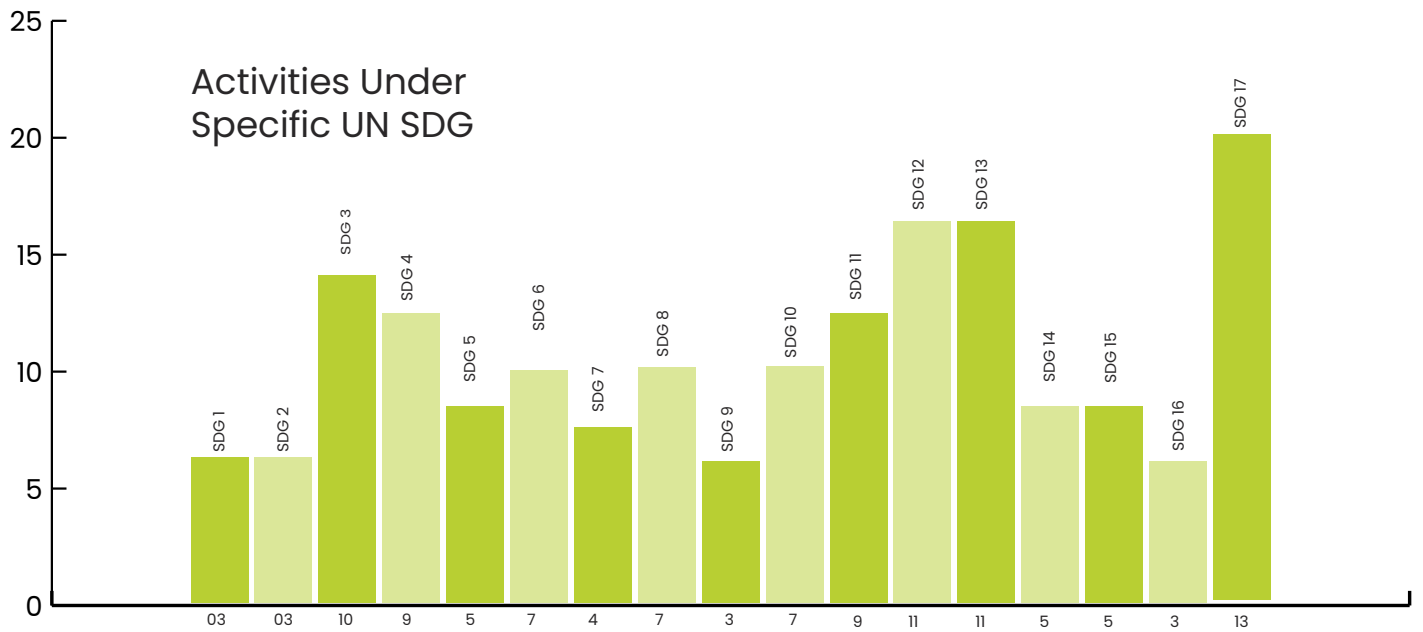
UN SDG: 4

Woxsen University launched "Syntax Spotlight" on July 25, 2023, an initiative aimed at providing English language classes to 120 students from Municipally Government School, Telangana. Running for two months, the program focuses on improving students' communication skills and boosting their confidence in using English effectively. By offering tailored instruction and consistent support, Syntax Spotlight seeks to contribute to the academic and personal development of these students, equipping them with essential skills for their future endeavours. The project reflects Woxsen's commitment to community upliftment through education and is being executed by Dr. Antarleena Basu from the School of Liberal Arts and Humanities. This initiative highlights the university's dedication to creating lasting impacts in rural education.

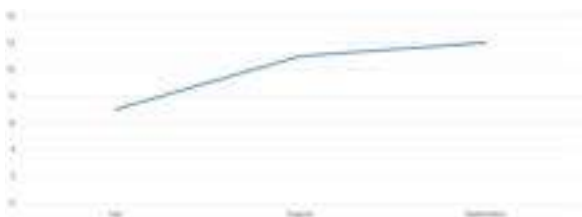




School	No. Activities
School of Business	02
School of Technology	03
School of Arts & Design	12
School of Architecture & Planning	03
School of Liberal Arts & Humanities	04
School of Law	03
School of Sciences	03
ERS Wing	06
Total	36



Monthly Activity - Q3



In the Q3 of 2024

36

ERS Projects

1382

Total Engagement



Contact Info

Mr. Sudhan S

Project Officer, ERS, Woxsen University
Phone no: 908061231
Email id: sudhan.guru@woxsen.edu.in

Corporate Office

Plot No.1270, 4th floor, JSP Jubilee Crown Building,
Road No.36, Jubilee Hills, Hyderabad - 500033, India

Campus

Kamkole, Sadasivpet, Sangareddy District, Hyderabad
502 345, Telangana, India

Q4
by ERS



Woxsen- Ethics, Responsibility & Sustainability

Quarterly ERS Activity
Report Edition - 4

#4 Oct-Dec 2024

Index

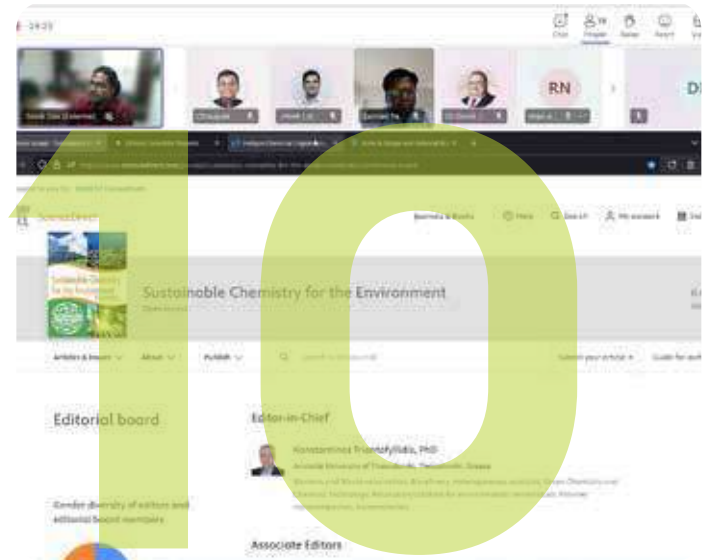
10.1 Exploring Sustainability and Empowering Scholars	01
10.2 Exploring Everyday Sustainability: Insights from the Brain Thrust Forum Podcast	01
10.3 Fostering Cultural Connections: Block Printing Workshop	01
10.4 Water Conservation in Architecture: Insights from Ar. Mansee Bal Bhargav's Workshop	02
10.5 Guiding Futures: 'Care for Career' Workshop	02
10.6 Youth Empowerment Through Entrepreneurship: Inspiring the Next Generation	03
10.7 Exploring Golconda Fort: A Journey Through History and Heritage	03
10.8 Empowering Senior Citizens through Engagement	04
10.9 JAGMAG FEST: A Celebration of Sustainability and Creativity	04
11.1 Empowering Communities: Menstrual Health Awareness	05
11.2 Fostering Environmental Awareness: Biodiversity and Conservation	05
11.3 Promoting Circular Economy and Sustainability	06
11.4 Promoting Awareness of Fundamental Rights and Duties	06
11.5 Empowering Futures: Bridging Educational Barriers through Knowledge and Resilience	06
11.6 Heritage Walks for Sustainability: Preserving Culture and Promoting Climate Action	07
12.1 Ensuring Ethical Responsibility and Regulatory Compliance in Research	08
12.2 RRBM Paper Development Workshop	08
12.3 Empowering Young Minds with Future Technologies	09
12.4 Energy Conservation Week at Woxsen University	09
12.5 Sow, Grow, Glow (SGG) Initiative at ZPHS Kamkole	09
12.6 Heritage Walk to Salar Jung Museum: Exploring Art, History, and Culture	10
12.7 Field Visit to Rural Technology Park: Exploring Sustainable Rural Innovations	10
12.8 Youth Empowerment Through Entrepreneurship Workshop	11
12.9 ERS Activity Talk: Save Every Drop, Protect Every Life – Rainwater Harvesting and Waterborne Disease Awareness	11
12.10 SHE-HEALTH: Empower Her Wellness – Health Awareness Camp	12
12.11 Woxsen Corporate Olympics	12
12.12 New year Donation Drive	13

10.1 Exploring Sustainability and Empowering Scholars

UN SDG: 4 & 10

The Editorial Talk Series hosted a thought-provoking event to enhance understanding of sustainability research and publishing opportunities while fostering inclusivity. The sessions highlighted the importance of responsibility, sustainability, and diversity in research, strategies for ethical and impactful sustainability-focused studies, and the Initiative for Case Equity (ICE). This initiative, in collaboration with the SC/ST Cell, aims to empower scholars from marginalized communities through mentorship and leadership development in STEM fields.

This event served as a platform to bridge sustainability and inclusivity, providing actionable insights and fostering transformative leadership. By focusing on diversity and equity in research, the series continues to inspire meaningful change in academia and beyond.



10.2 Exploring Everyday Sustainability: Insights from the Brain Thrust Forum Podcast

UN SDG: 4, 12 & 13

The Brain Thrust Forum podcast explored the everyday challenges and responsibilities of sustainability from the perspective of Woxsen University students. The discussions shed light on the pressures younger generations face in addressing sustainability and how they manifest this responsibility in their daily lives. Students shared motivational experiences, including working with local communities through CSR initiatives and finding innovative ways to balance sustainability with academic demands, such as reducing paper consumption. They also highlighted how renewable energy sources at the university have positively impacted their journey toward sustainable living.

The episode also touched on career prospects in sustainability, with students expressing optimism about exploring emerging fields like the Circular Economy while acknowledging the niche nature of the job market. The podcast was both insightful and inspiring, providing students with a platform to share their honest experiences and challenges. It also encouraged faculty to take further steps toward integrating sustainability into academic and institutional practices, fostering a culture of responsibility and innovation at Woxsen University.

10.3 Fostering Cultural Connections: Block Printing Workshop

UN SDG: 4, 11 & 17

As part of a broader cultural exchange program, Singaporean students visited Hyderabad, engaging in a hands-on block printing workshop. This immersive activity served as a cultural bridge, offering participants a practical introduction to the ancient art of Indian block printing. Students personalized tote bags with their designs while exploring the craft's historical and cultural significance. The workshop fostered cross-cultural interaction, encouraging creativity, collaboration, and an appreciation for India's artistic heritage.

The workshop yielded significant outcomes for both participants and the host institution. Students gained practical skills, cultural awareness, and enhanced cross-cultural communication abilities. Meanwhile, the institution strengthened its cultural exchange framework, showcasing its ability to facilitate meaningful, inclusive educational experiences. This collaborative initiative not only enriched participants' understanding of Indian traditions but also reinforced global cooperation and mutual respect through artistic expression.



10.4 Water Conservation in Architecture: Insights from Ar. Mansee Bal Bhargav's Workshop

UN SDG: 6, 11, 12 & 13

Ar. Mansee Bal Bhargav, National President of the WICCI - Water Resources Council, shared valuable insights on the critical importance of water conservation in architecture during her lecture and workshop at Woxsen University, School of Architecture and Planning. Through her expertise as an entrepreneur, researcher, and educator, she discussed various innovative methods for water management, such as rainwater harvesting, greywater systems, and low-flow fixtures. Showcasing her projects, she illustrated practical applications of these techniques in sustainable architectural design. The session also included personalized discussions on students' architectural projects, encouraging them to integrate water-conserving strategies into their designs.

Aligning with several UN Sustainable Development Goals (SDGs), the workshop highlighted the role of sustainable water management in addressing global challenges. This session not only inspired future architects to adopt sustainable practices but also reinforced the importance of architecture as a tool for achieving ecological balance and resilience.



Dr. Mansee Bal Bhargava

is an entrepreneur, researcher connecting science and society, visiting professor at various National and International Universities, speaker and a mentor.

She is a transdisciplinary learner of the built environment from sustainability and livability perspectives that include architecture design development planning management governance.



10.5 Guiding Futures: 'Care for Career' Workshop

UN SDG: 4 & 8

On September 30th, the School of Liberal Arts and Humanities (SOLH) conducted a career guidance workshop titled 'Care for Career' at Samyuktha International School. Organized at the request of the school's principal, Mr. Santosh Kumar, the session aimed to help 9th-grade students identify and select ideal career paths. The interactive session was facilitated by experts including Dr. Ranita Basu, Dr. Dibyangana Biswas, Suantak D. Vaipei, and Prof. Dheeraj Rayalu Tadi.

The workshop provided students with insights into aligning their skills, interests, and aspirations with potential career opportunities. Through engaging discussions and practical guidance, the facilitators empowered students to make informed decisions about their futures. The session emphasized the importance of self-awareness and strategic planning in career development, equipping young minds with the tools to navigate their academic and professional journeys confidently.



10.6 Youth Empowerment Through Entrepreneurship: Inspiring the Next Generation

UN SDG: 4, 8 & 10

The 'Youth Empowerment Through Entrepreneurship' workshop, organized by the Department of Business Studies under Woxsen University's School of Liberal Arts and Humanities, aimed to inspire students from rural and semi-urban Telangana to explore entrepreneurship as a viable career path. The workshop addressed socio-economic challenges and focused on raising awareness about entrepreneurship, motivating students to consider it as an alternative to traditional careers, and equipping them with essential skills like leadership, financial literacy, and innovation.

Led by Dr. Chakradhar Indurkar and supported by ten faculty members, the bilingual (English and Telugu) workshop engaged 80 students and 25 faculty members at Government Junior College, Budhera. It was inspiring to see students, despite their underprivileged backgrounds, stepping forward with entrepreneurial ideas and enthusiasm. The initiative successfully sparked interest in entrepreneurship, fostering a sense of empowerment among the youth to pursue innovative career paths and contribute to the region's socio-economic growth.



10.7 Exploring Golconda Fort: A Journey Through History and Heritage

UN SDG: 4, 11 & 17

Golconda Fort, located 83 kilometers from Woxsen University, is a striking symbol of India's rich history and architectural brilliance. Originally built by the Kakatiya dynasty in the 12th century and later expanded by the Qutb Shahi dynasty, the fort offers a fascinating glimpse into medieval Deccan India. The walk began at Fateh Darwaza, the main entrance, where we were introduced to the fort's innovative acoustic design, which allowed soldiers to communicate across vast distances. We then explored the royal palace, Durbar Hall, and the stunning Bala Hissar pavilion, offering panoramic views of the surrounding city.

The fort's defense mechanisms, including bastions, lookout towers, and moats, demonstrated its strategic importance. Golconda is also a symbol of cultural coexistence, with both Hindu temples and Islamic mosques reflecting the region's diverse heritage. Additionally, the fort was a thriving hub for the diamond trade, attracting merchants from around the world. As we concluded our walk, the contrast between the ancient fort and the modern skyline of Hyderabad highlighted the harmonious coexistence of history and contemporary development, illustrating how cultural heritage can thrive alongside urban progress.



10.8 Empowering Senior Citizens through Engagement

UN SDG: 4 & 10

Woxsen University organized an initiative to empower senior citizens by offering them practical training experiences and enriching the university community with their diverse perspectives. The event included engaging activities such as critical thinking games, where seniors showcased their riddle-solving abilities, and a poetry recital, allowing participants to express their writing talents.

The initiative also introduced the Woxsen Senior Citizen Internship Program, which aims to provide seniors with valuable internship opportunities that foster learning and mentoring relationships. By involving senior citizens in the university environment, this program not only taps into their vast experience but also provides a platform for them to contribute meaningfully to society. The initiative helped build strong partnerships with the senior community while ensuring a fun and engaging experience for all participants.



10.9 JAGMAG FEST: A Celebration of Sustainability and Creativity

UN SDG: 12, 13 & 15

The School of Sciences at Woxsen University hosted the "JAGMAG FEST" on October 24th, 2024, an event designed to promote sustainable practices while celebrating traditional art forms. The day's activities began with a Rangoli Competition, where participants used non-toxic, natural colors to create vibrant, intricate designs. This event highlighted the importance of using eco-friendly materials in festive art forms. Following this, the Diya Decoration Competition allowed students to express their creativity by decorating clay diyas using non-toxic, eco-friendly paints. These competitions emphasized both the beauty of Diwali traditions and the need to choose sustainable alternatives in celebrations.

The event reached its peak with a symbolic lantern fly-off. The Dean of the School of Sciences initiated the ceremony by releasing the first lantern, followed by faculty, staff, and students. The release of the lanterns represented a collective expression of hope, joy, and unity. The visual spectacle was further enhanced by breathtaking drone footage, capturing the serene beauty of the lanterns floating into the sky.

Through these engaging activities, the "JAGMAG FEST" successfully combined creativity with environmental responsibility. It raised awareness about the importance of using sustainable materials, such as chemical-free colors and clay diyas, in traditional art forms. The event also provided a platform for students to showcase their artistic talents while embracing eco-conscious habits. Looking ahead, Woxsen University plans to continue organizing such initiatives that blend artistic expression with sustainability, fostering a community that celebrates both creativity and environmental consciousness.





11.1 Empowering Communities: Menstrual Health Awareness

UN SDG: 3, 5, 6 & 10

On November 6th, 2024, the Steering Group on Social Impact & Outreach from the School of Liberal Arts and Humanities, Woxsen University, organized a menstrual health awareness program at Zilla Parishad High School, Thogurpally village, Telangana. The initiative aimed to break the stigma around menstruation, promote hygiene practices, and provide essential resources. Prior to the event, a 'Sanitary Pad Donation Drive' was held at the university, collecting 100 pads for distribution. The session, led by Dr. Shah Khatoun and Dr. Kousumi Brahma, engaged 82 girls from classes 6th to 10th and covered the menstrual cycle, biological aspects, hygiene practices, and the proper use and disposal of menstrual products.

The interactive session encouraged open discussions, with volunteers helping communicate in the local language. Though initially hesitant, the girls gradually shared their views and concerns. The event provided valuable knowledge, helping the students understand the importance of menstrual hygiene and manage their health confidently. The initiative concluded with the distribution of sanitary pads and was featured in the local newspaper Metuku Seema. The program successfully combined education and community engagement, leaving a lasting impact on the participants.

11.2 Fostering Environmental Awareness: Biodiversity and Conservation

UN SDG: 6, 13 & 15

On November 6th, 2024, the Steering Group on Social Impact & Outreach of the School of Liberal Arts and Humanities, Woxsen University, conducted an Environmental Responsibility and Sustainability activity at Zilla Parishad High School, Thogarpally, Telangana. This initiative aimed to educate 7th and 8th-grade students about environmental protection and biodiversity conservation. Supported by Mr. C. Dasarath, Mandal Education Officer, and Headmaster Mrs. Mallika, the session covered essential topics such as ecosystem functionality, biodiversity, threats like deforestation and pollution, and strategies for sustainable practices. Dr. Naveen Kolluju and Dr. Raju Chaketi led the discussions in the local language to ensure accessibility, fostering an inclusive and engaging atmosphere for the students.

The program encouraged students to reflect on environmental challenges affecting their communities, such as pollution and wildlife decline. Through interactive discussions, they shared their concerns and demonstrated a keen interest in adopting eco-friendly practices. The session concluded with a call to action, inspiring students to participate in conservation efforts and adopt sustainable behaviors like recycling and waste reduction. This impactful event was featured in the local Telugu newspaper Methukuseema, highlighting the importance of environmental education in nurturing responsible citizens.



11.3 Promoting Circular Economy and Sustainability

UN SDG: 4, 13, 14, 15 & 17

On November 6th, 2024, the Steering Group on Social Impact & Outreach of the School of Liberal Arts and Humanities, Woxsen University, conducted an Environmental Responsibility and Sustainability activity at Zilla Parishad High School, Thogarpally, Telangana. Focused on Circular Economy and Sustainability, this initiative aimed to educate students about responsible production and consumption, climate action, and environmental protection. With the support of Headmaster Mr. Dasarath Pramanik, the session engaged 72 students from 9th and 10th grades. The session was conducted in the local language to ensure clear understanding, and concepts were simplified to make the content accessible and relatable.

The session covered key topics such as conventional modes of production, various types of pollutants, principles of the circular economy (including the 6R's: Refuse, Reduce, Reuse, Recycle, Repair, and Recover), global practices, and the Indian context of sustainability. Students actively participated by sharing examples of waste generation in their surroundings and referencing movie scenes related to climate change and environmental issues. Their feedback indicated that the session provided valuable new insights into circular economy practices and sustainability. The initiative successfully broadened their understanding of environmental issues and encouraged them to adopt sustainable habits in their daily lives.



11.4 Promoting Awareness of Fundamental Rights and Duties

UN SDG: 4 & 16

On November 6th, 2024, the Steering Group on Social Impact & Outreach of the School of Liberal Arts and Humanities, Woxsen University, conducted an Environmental Responsibility and Sustainability activity focusing on Fundamental Rights and Fundamental Duties was conducted at Zilla Parishad High School, Thogarpally, Telangana, for the academic year 2024-25. With the support of Headmaster Mr. Dasarath Pramanik, the session aimed to educate 72 students from the 9th and 10th grades on the importance of understanding their rights and duties as citizens. The session was designed to supplement their existing knowledge and encourage active civic responsibility. The use of local language and relatable examples helped simplify the concepts and ensured student engagement.

During the session, key topics such as the significance of Fundamental Rights, the responsibilities enshrined in Fundamental Duties, and their relevance in daily life were discussed. Students actively participated by sharing examples from their lives and referencing scenes from movies that illustrated these principles. Their feedback highlighted the session's effectiveness in providing new insights and fostering a deeper understanding of their civic responsibilities. By the end of the activity, students expressed enthusiasm and a stronger sense of awareness regarding their rights and duties, underscoring the session's success in promoting responsible citizenship.

11.5 Empowering Futures: Bridging Educational Barriers through Knowledge and Resilience

UN SDG: 4, 10 & 16

On November 19, 2024, the School of Liberal Arts and Humanities at Woxsen University, through its Laurence Simon Department of Economics, organized a transformative workshop titled Crafting Career and Overcoming Education Barriers at Telangana Residential Junior College and School, Lingampally Village, Sangareddy. This event, part of the university's Ethics, Responsibility, and Sustainability (ERS) program, aimed to address critical challenges faced by high school and junior college students. It focused on overcoming linguistic barriers in learning English, excelling with limited resources, encouraging critical thinking for diverse career exploration, and promoting responsible adulthood through informed choices. The workshop was led by a team of faculty members, including Dr. Mahesh Admakar, Dr. Areeba Moazzam, Dr. Sunaina Arya, Dr. Liengailhing Khongsai, Dr. Rohin Gaddam, and Dr. Venkatesh Boddu, who engaged students in thought-provoking discussions designed to inspire self-confidence and independent thinking.

The workshop's success was driven by the enthusiastic participation of students, who actively engaged with the content and shared their perspectives on the barriers to education. The event was made impactful through the relatable, easy-to-understand sessions that fostered lifelong learning and critical inquiry. The principal and staff of the school extended their wholehearted support, creating an inclusive and welcoming environment for the students. This initiative exemplifies Woxsen University's commitment to making education transformative and accessible, empowering students to overcome challenges and make informed decisions for their future success.



11.6 Heritage Walk to Golconda Fort

The Heritage Walk Program organized by the School of Liberal Arts and Humanities focuses on the preservation of cultural heritage and the promotion of sustainable practices. Through visits to significant heritage sites like Golconda and Bidar Forts, the program fosters a deeper understanding of cultural preservation, community awareness, and sustainable urban development. By exploring the architectural beauty of these historic forts and the cultural diversity of locations like Gurudwara Nanak Jhira Sahib, students are educated about the importance of safeguarding cultural heritage. The program also encourages critical thinking about the impact of political alliances, trade routes, and urbanization on these heritage sites, instilling a sense of responsibility for their preservation. Moreover, the hands-on learning approach, including future visits to the Salar Jung Museum, bridges the gap between historical knowledge and real-world artifacts.

The program also integrates climate action by raising awareness of sustainable practices. The construction techniques at the forts, using locally sourced materials and the karez system at Bidar Fort, highlight ancient methods of environmental sustainability and water conservation. Eco-friendly practices were emphasized throughout the walk, including "leave no trace" principles and walking as the primary mode of exploration to minimize carbon emissions. Additionally, discussions on traditional resource management and the optimization of natural light in fort architecture demonstrate the relevance of historical knowledge in addressing modern climate challenges. This program not only enhances cultural understanding but also advocates for sustainable practices, encouraging participants to adopt eco-conscious behaviors for a more sustainable future.

12



12.1 Ensuring Ethical Responsibility and Regulatory Compliance in Research

UN SDG: 3 & 4

Woxsen University's School of Business, hosted an insightful session on Ensuring Ethical Responsibility and Regulatory Compliance in Research on December 6, 2024. The event, held from 10:00 AM to 1:00 PM, brought together faculty members from the School of Business (SoB) and was led by Dr. Indroneel Chatterjee, Senior Lecturer in Consumer Behaviour and Marketing at Oxford Brookes Business School.

The session emphasized the importance of data privacy, research ethics, and compliance within a global research framework. Dr. Indroneel provided real-world insights through seven case studies, each highlighting key ethical concerns such as justice, fairness, non-harm to beneficiaries, purpose limitations, and jigsaw identification. Through small-group analyses and discussions, participants explored the complexities of ethical research practices across diverse fields, including sustainable development.

A crucial aspect of the session focused on ethical approval processes for research involving human subjects. Dr. Indroneel also provided valuable guidance to faculty members on maintaining rigorous ethical standards in their research endeavors. The event concluded with discussions on future collaborations, ensuring continued engagement with Dr. Indroneel to reinforce ethical responsibility in research at Woxsen University.



12.2 RRBM Paper Development Workshop

UN SDG: 3 & 4

Woxsen University's School of Business, hosted an insightful session on Responsible Research in Marketing Strategies on December 11, 2024. The event, organized by Dr. Anindo Bhattacharjee, provided faculty members from the School of Business (SoB) with a rare opportunity to interact with Professor David Reibstein from the prestigious Wharton Business School. This interaction was the result of Dr. Anindo's dedicated efforts over two and a half years.

The session began with the felicitation of Professor Reibstein, followed by research presentations by three faculty members and research scholars. Prof. Reibstein commended the research rigor and the emphasis on responsible management practices in their work, highlighting the importance of ethical and impactful research in marketing and strategy.

A significant moment of the event was the renaming of the Department of Marketing at the School of Business Faculty enclave in the Law Block as the "David Reibstein Department of Marketing & Strategy." This dedication, along with a special Lifetime Achievement Award ceremony, underscored the profound impact of responsible research on academia and industry.

The event not only enriched participants' perspectives on ethical marketing research but also reinforced Woxsen University's commitment to academic excellence and global collaboration.



12.3 Empowering Young Minds with Future Technologies

UN SDG: 4, 5 & 10

Woxsen University's School of Technology (SOT) recently hosted an interactive learning event aimed at introducing high school students to transformative fields such as Data Science, Blockchain, Artificial Intelligence (AI), and Machine Learning (ML). Led by students from the Woxsen School of Technology, the event provided foundational knowledge on these disciplines, showcasing their real-world applications and career opportunities. Through engaging presentations and hands-on demonstrations, the participants gained valuable insights into how these technologies are shaping industries and everyday life.

The sessions covered various aspects of modern technology, with Woxsen students explaining complex concepts in an accessible manner. The event concluded with a symbolic gesture as the ERS team presented a Peepal tree sapling to the school, representing growth and sustainability. This initiative not only enhanced awareness among young students but also helped Woxsen participants refine their communication skills, fostering a culture of knowledge-sharing and innovation.



12.4 Energy Conservation Week at Woxsen University

UN SDG: 7 & 13

Woxsen University's School of Arts and Design (SOAD), in collaboration with 4HUB, organized a series of impactful events to mark National Energy Conservation Week. The initiative aimed to raise awareness about energy conservation through creative and community-driven activities. The week-long celebration featured a poster presentation on energy conservation, community engagement activities, and a public awareness program at Hitech City Junction in Hyderabad, supported by the Cyberabad Traffic Police. These efforts educated students, faculty, and the local community on sustainable energy practices, emphasizing the importance of small yet impactful behavioral changes.

The program concluded with a Valedictory Ceremony on December 16, 2024, recognizing participants' contributions and highlighting key takeaways. Students developed leadership and collaboration skills while fostering environmental responsibility. The initiative successfully reinforced Woxsen University's commitment to sustainability, demonstrating how education and community engagement can drive meaningful change toward a greener future.



12.5 Sow, Grow, Glow (SGG) Initiative at ZPHS Kamkole

UN SDG: 4, 5 & 10

The "Sow, Grow, Glow" (SGG) initiative is a 10-month program designed to empower school students from marginalized communities in Kamkole Village. Through interactive workshops and activities, the initiative promotes holistic development and aligns with multiple UN Sustainable Development Goals, including Quality Education, Gender Equality, and Reduced Inequalities. The program covers essential topics such as English communication, career counseling, financial literacy, entrepreneurship, and social inclusion, aiming to equip students with the skills necessary for personal and professional growth.

The inaugural session on December 11, 2024, led by Dr. Ravikant Kisana, focused on English communication. The session emphasized confidence-building, overcoming communication barriers, and practical language skills. An interactive Q&A and situation-based exercises engaged students in real-world applications of effective communication. With bi-monthly workshops planned, the initiative seeks to foster long-term skill development, increased awareness of social issues, and enhanced career readiness, ensuring a lasting impact on the students and their future opportunities.

12.6 Heritage Walk to Salar Jung Museum: Exploring Art, History, and Culture

UN SDG: 4

The School of Liberal Arts and Humanities (SOLAH) conducted its third Heritage Walk to the Salar Jung Museum on December 7, 2024. This educational excursion brought together first-year undergraduate students, Ph.D. researchers, faculty members, and Dean Konrad, alongside Dr. Ratanpriya and Dr. Swati Nupur Tigga. The visit provided an insightful exploration of the museum's extensive collection of historical artifacts and artistic masterpieces.

The Furniture Gallery captivated visitors with its intricate craftsmanship, reflecting the use of premium materials like mahogany. The Ivory Carvings Gallery showcased remarkable artistry, including Tipu Sultan's ivory chair and puzzle balls. The Bronze Sculpture Gallery illustrated the fusion of religious and cultural influences, while the Weapons Collection highlighted advancements in metallurgy and military strategy.

Students actively engaged with the museum exhibits, analyzing historical artifacts through worksheets that encouraged critical thinking and reflection. They compared objects with elements of their own cultural heritage, explored the historical significance of artistic creations, and even designed their own artifacts based on past eras.

The visit left a lasting impression, deepening students' understanding of human civilization's artistic and cultural evolution. It emphasized how art serves not only as an aesthetic pursuit but also as a narrative of history, societal progress, and cultural interconnectivity. The Heritage Walk reaffirmed the importance of preserving and appreciating historical artifacts for future generations.



12.7 Field Visit to Rural Technology Park: Exploring Sustainable Rural Innovation-Art, History, and Culture

UN SDG: 4

The School of Liberal Arts and Humanities (SOLAH), Woxsen University, organized a one-day field visit to the Rural Technology Park (RTP) at the National Institute of Rural Development and Panchayati Raj (NIRDPR), Hyderabad, on December 20, 2024. This initiative aimed to educate students on sustainable rural technologies aligned with UN Sustainable Development Goals, particularly affordable energy, responsible production, and climate action. The visit was facilitated by experts from NIRDPR, who provided valuable insights into eco-friendly innovations and their entrepreneurial potential.

Students explored a range of sustainable technologies, including handmade paper processing, natural dyeing, biogas production, vermicomposting, apiculture, and climate-resilient construction methods like mud block making and earthquake-proof roofing. They gained practical knowledge about recycling processes, resource efficiency, and the market viability of these innovations. The experience deepened their understanding of the circular economy and the importance of sustainable practices in rural development. Moving forward, students will explore how Artificial Intelligence and Machine Learning can enhance these rural technologies for greater efficiency and impact.



12.8 Youth Empowerment Through Entrepreneurship Workshop

UN SDG: 4 & 10

The 'Youth Empowerment Through Entrepreneurship' workshop, organized by the Department of Business Studies under the School of Liberal Arts and Humanities (SOLAH) at Woxsen University, aimed to inspire and empower students, particularly from rural and semi-urban regions of Telangana, to explore entrepreneurship as a viable career path. This initiative directly addresses the socio-economic challenges faced by the youth in Telangana, where a significant portion of young people aspire to work abroad rather than within India. By offering a platform to educate and motivate these students, the workshop emphasized entrepreneurship as a meaningful alternative to traditional jobs.

The workshop focused on raising awareness about the potential of entrepreneurship, developing essential skills like leadership, financial literacy, and innovation, and shifting perceptions regarding local employment opportunities. With a bilingual approach (English and Telugu), the program successfully engaged over 60 students and 8 faculty members from Government Junior College, Budhera, along with Woxsen University faculty. The positive response demonstrated the initiative's success in sparking entrepreneurial aspirations among youth, particularly those from underprivileged backgrounds. Moving forward, Woxsen University will offer mentorship and guidance, fostering a supportive environment for aspiring young entrepreneurs to refine their ideas and achieve long-term success.



12.9 ERS Activity Talk: Save Every Drop, Protect Every Life – Rainwater Harvesting and Waterborne Disease Awareness

UN SDG: 6

The "Save Every Drop, Protect Every Life" event, organized by the School of Sciences (SOS) at Woxsen University, aimed to raise awareness about the importance of water conservation and the role of rainwater harvesting in addressing water scarcity. The session also focused on educating participants about the risks of waterborne diseases and the importance of clean water in preventing health issues. Led by Dr. Soumyadip Patra and Dr. Amit Kumar Singh, the event saw participation from faculty members, students, and research personnel, all of whom engaged in discussions about sustainable water management practices.

Key highlights of the event included an in-depth look at rainwater harvesting techniques, such as rooftop systems and groundwater recharge, and the critical link between contaminated water and public health challenges. The session aligned with several United Nations Sustainable Development Goals (SDGs), including SDG 6 (Clean Water and Sanitation), SDG 3 (Good Health and Well-being), and SDG 11 (Sustainable Cities and Communities). Participants left with a better understanding of how rainwater harvesting can reduce reliance on over-exploited water resources, prevent waterborne diseases, and contribute to a more sustainable, eco-friendly future. Through this initiative, Woxsen University continues to promote actionable steps towards environmental conservation and community health.



12.10 SHE-HEALTH: Empower Her Wellness – Health Awareness Camp

UN SDG: 3

On 12th December 2024, Woxsen University's School of Sciences, in collaboration with Care & Cure, organized the "SHE-HEALTH: Empower Her Wellness" event, aimed at raising awareness about women's health and well-being. The camp focused on empowering women through knowledge and preventive healthcare, encouraging them to take charge of both their physical and mental health. The event, led by Dr. Daya Shankar (Dean, School of Sciences) and Dr. Beauty Pandey (ERS Coordinator), offered a comprehensive range of health services, including blood pressure monitoring, BMI assessments, and one-on-one consultations with healthcare professionals.

Key highlights of the event included educational workshops on nutrition, lifestyle, and preventive health practices, alongside personalized health consultations that addressed individual health concerns. The camp also fostered a sense of community, encouraging participants to share experiences and build supportive networks. Through this initiative, participants gained valuable insights into maintaining their health and were empowered with practical tools for sustained wellness. By addressing both immediate health needs and long-term preventive measures, "SHE-HEALTH" successfully contributed to fostering a culture of health awareness and well-being, reaffirming Woxsen University's commitment to women's health empowerment.



12.11 Woxsen Corporate Olympics



UN SDG: 3 & 10

As part of the Woxsen Corporate Olympics initiative, the ERS Department at Woxsen University organized a special visit for students from Kamkole Government School. This event aimed to broaden the students' horizons by introducing them to the world of sports and the various career opportunities within the field. The young students were given a guided tour of the university's state-of-the-art facilities, allowing them to explore different sports infrastructure and resources.

The visit not only helped the students learn about the diverse career pathways in sports, but also inspired them to think about sports as a viable and exciting career option. By engaging with faculty members and coaches, the students gained insight into the various opportunities available in the field, from coaching to sports management and beyond. This initiative was designed to motivate and encourage the students to pursue their dreams in sports, while enriching their understanding of the potential career avenues in this dynamic industry. Through this experience, Woxsen University aims to inspire a new generation of athletes, fostering a spirit of ambition and perseverance in the field of sports.

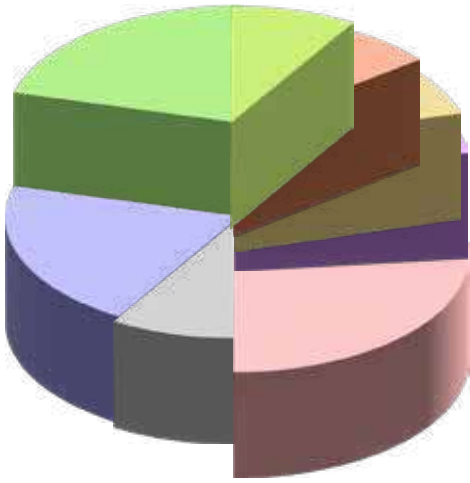
12.12 New year Donation Drive

UN SDG: 3, 4 & 10

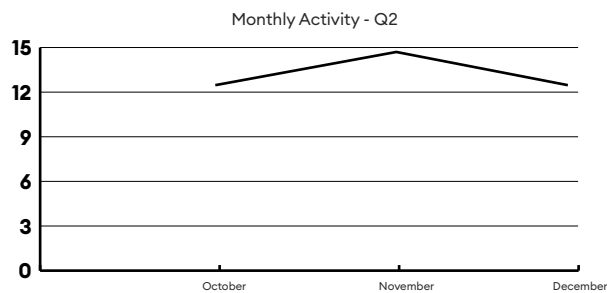
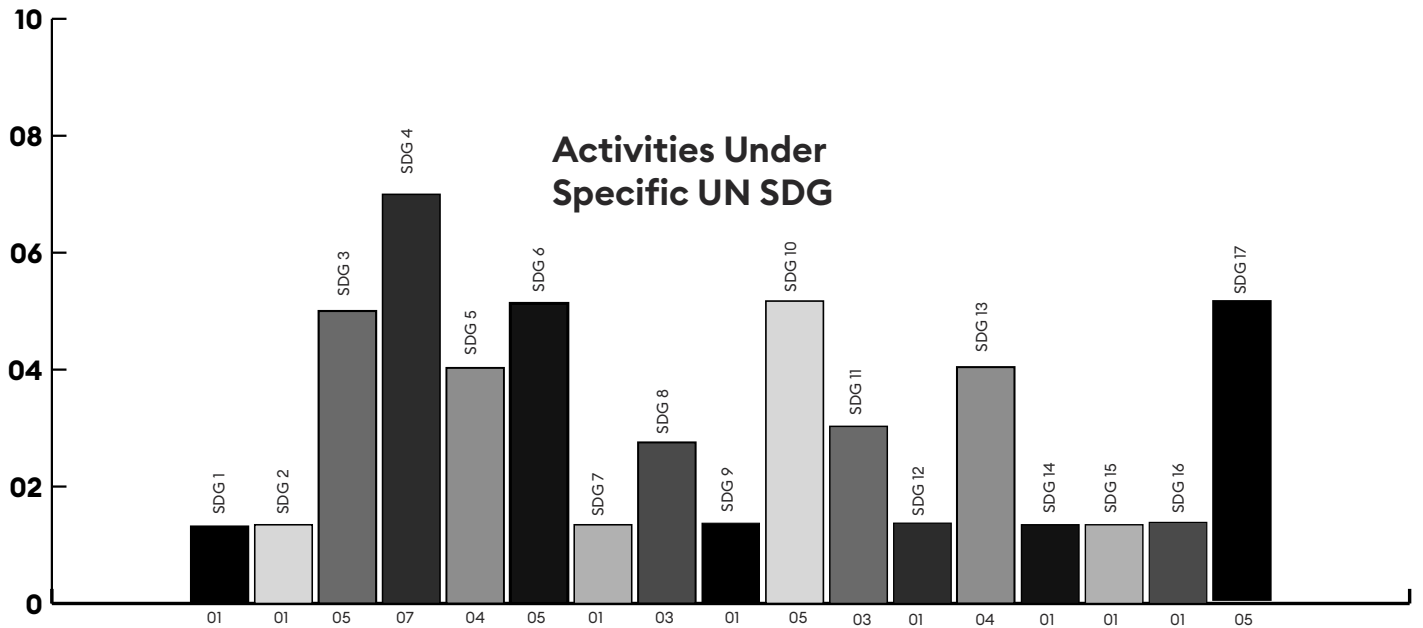
The ERS Department at Wosen University recently undertook a commendable initiative aimed at giving back to the community. With the heartfelt support and contributions from our incredible faculty, staff, and students, the department raised 718,000 to purchase essential books and other required materials for individuals in need. Additionally, a free medical camp was organized to ensure the health and well-being of children. This event also saw the donation of books to ignite curiosity and inspire young imaginations, emphasizing the university's commitment to fostering social responsibility among its members.

To cap off the day, the event was filled with music and dance, spreading smiles and creating memories to last a lifetime. These activities not only highlighted the spirit of generosity within the Wosen community but also demonstrated the impactful outcomes of collective efforts. By addressing crucial needs through these initiatives, the ERS Department contributed significantly to the betterment of society and reinforced the university's dedication to nurturing every child's growth, both mentally and physically.





School	No. Activities
School of Business	03
School of Technology	02
School of Arts & Design	02
School of Architecture & Planning	01
School of Liberal Arts & Humanities	09
School of Law	03
School of Sciences	07
ERS Wing	07
Total	34



In the Q4 of 2024

40

ERS Projects

1723

Total Engagement

*Note: Data of Quarter 4 - October to December 2024



Contact Info:

Mr. Sudhan S

Project Officer, ERS, Woxsen University

Phone no: 908061231

Email id: sudhan.guru@woxsen.edu.in

Corporate Office

Plot No.1270, 4th floor, JSP Jubilee Crown Building,
Road No.36, Jubilee Hills, Hyderabad - 500033, India

Campus

Kamkole, Sadasivpet, Sangareddy District, Hyderabad
502 345, Telangana, India