



Implementation of Sustainable Development Goals (SDGs) Photographs:

Vignan's Institute of Management and Technology for women demonstrate leadership in advancing SDGs by integrating them into its curriculum, campus life, and student activities. All projects and outreach programs are carefully aligned with relevant SDGs, and their impact is systematically monitored and reported as part of the college's sustainable development goals.



Sustainable Development Goals

Initiatives taken by Vignan's Institute of Management and Technology for Women (VMTW) toward implementing Sustainable Development Goals (SDGs) specifically focusing on green energy, waste management, water preservation, renewables, reuse & recycle. VMTW supports SDGs through education, green practices, research, and outreach.



Table No. 9.11.1: Category-wise Mapping of SDG Initiatives and Evidence

S.N	SDG Focus Area	Initiative / Program	SDGs Addressed	Evidence Type
1	Green Energy	Solar Water Heaters	SDG 7, 11, 13	Infrastructure
2		Biogas Plant	SDG 7, 12, 13	Infrastructure
3		Battery Operated Vehicles	SDG 11, 13	Infrastructure
4	Waste Management	Segregation of Solid Waste	SDG 6, 12, 13, 15	Campus Practice
5		Smart Waste Segregation Bin	SDG 11, 12, 13	Student Project
6		E-Waste Management (MoU)	SDG 12, 13	MoU / Practice
7	Water Management	Rainwater Harvesting	SDG 6, 11	Infrastructure
8		Sewage Treatment Plant	SDG 6, 12	Infrastructure
9	Quality Education	Agri Sense AI Project	SDG 2, 6, 8, 9, 12, 13, 15	R& D Activity
10	Reuse / Recycle	Aluminium Key Chains	SDG 4, 12, 13	Student Activity
11		Wood to Pen Stand	SDG 4, 12, 13, 15	Student Activity
12	Energy Management	LED Bulb Replacement	SDG 7, 12, 13	Infrastructure
13	R & D	Industrial Visit – NSIC	SDG 4, 8, 9	R&D Exposure
14	Entrepreneurship	Incubation & Startups	SDG 4, 8, 9, 11, 12	EDC Activity
15	Environmental Awareness	Tree Plantation	SDG 11, 13, 15	Outreach
16		GO ECO	SDG 12, 13	Outreach
17		Eco Friendly Ganesh	SDG 12, 13, 15	Outreach
18	Outreach Programs	Rainwater Harvesting Awareness	SDG 6	Outreach
19		Stop Water Pollution	SDG 6, 14, 15	Outreach
20		Food Distribution to Needy People	SDG 3, 10	Outreach



Implementation of SDGs — Category-wise Initiatives and Evidence :

I. Green Energy:

Vignan's Institute of Management and Technology for Women has undertaken various initiatives towards green energy to support Sustainable Development Goals, including the installation of rooftop solar water heaters providing 6,000 Liters/day of hot water, the establishment of biogas plants converting waste into cooking gas and bio-manure, and the promotion of battery-operated vehicles and e-scooters to reduce pollution and enhance sustainable transportation.

SDG 7: Affordable and Clean Energy

- Installation of rooftop solar water heater meeting 6,000 Liters/day of hot water needs.
- Use of biogas plants converting organic waste into cooking gas.
- Promotion of battery-operated vehicles and e-scooters on campus to reduce fossil fuel emissions.

SDG 11: Sustainable Cities and Communities

- Encouragement of battery-operated vehicles and e-scooters to reduce pollution.
- Development of clean and green campus environments with restricted traditional vehicle access.

SDG 12: Responsible Consumption and Production

- Biogas plant processing waste from canteen and garden to produce usable energy and bio-manure.
- Systematic segregation of solid waste into biodegradable and non- biodegradable streams using color-coded bins.
- Reuse of paper, recycling of e-waste, and maintenance of a plastic-free campus.

SDG 13: Climate Action

- Waste-to-energy biogas plant reducing methane emissions.
- Energy-Efficient campus with LED lighting and power-saving measures.
- Promotion of Renewable Energy Sources and Pollution reduction through sustainable transport.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Implementation at VMTW:

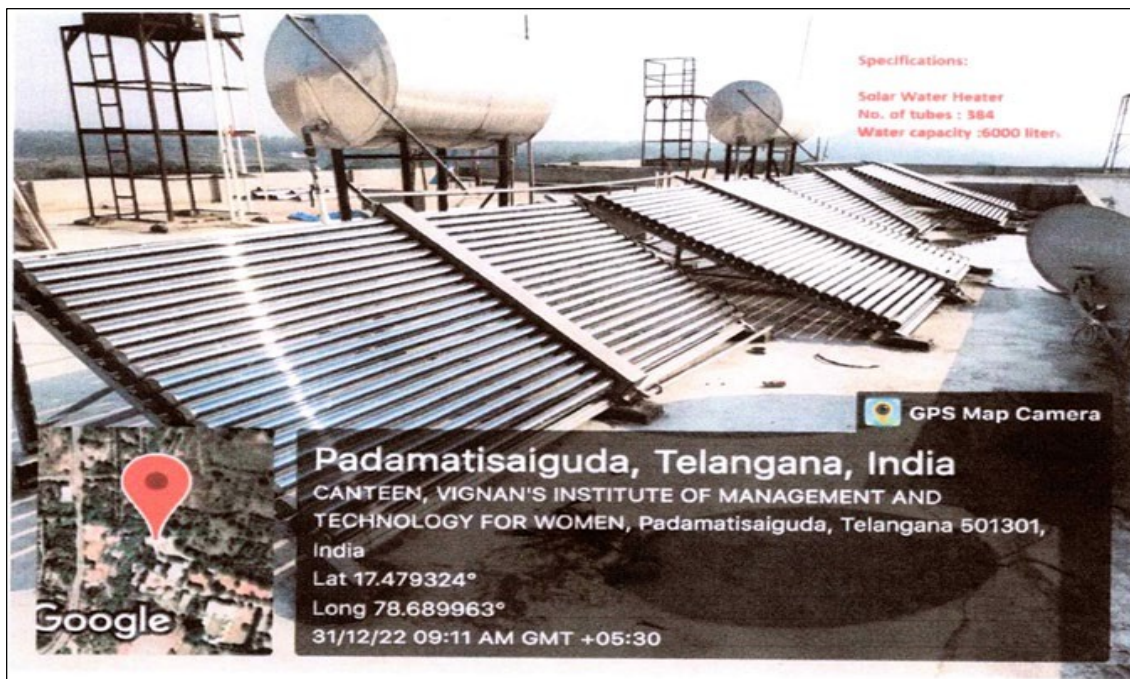


Figure 9.11.1: Solar water heaters



Figure 9.11.2: Biogas Plant



Figure 9.11.3: Battery Operated Vehicle

II. Waste Management:

Systematic segregation of solid waste into biodegradable and non-biodegradable streams using separate color-coded bins directly aligns with several SDGs:

- **SDG 6 (Clean Water and Sanitation):** Proper waste disposal prevents leachate from contaminating water bodies, protecting water quality and aquatic life.
- **SDG 12 (Responsible Consumption and Production):** This initiative promotes sustainable waste management by reducing waste generation, encouraging recycling, and supporting a circular economy. It ensures materials are reused appropriately and prevents environmental pollution.
- **SDG 13 (Climate Action):** Proper segregation helps reduce methane emissions from organic waste in landfills and minimizes environmental pollution, contributing to climate change mitigation.
- **SDG 15 (Life on Land):** Effective waste segregation prevents land degradation, protects ecosystems, and reduces the burden on landfills, thereby preserving terrestrial biodiversity.



Implementations at VMTW:



Figure 9.11.4: Segregation of Solid Waste

Vignan's Institute of Management and Technology for women circulates a circular in all classes periodically to raise awareness about waste management. This circular educates students and staff on the importance of waste segregation.



Figure 9.11.5: Collection of waste by Ghatkesar Municipal Workers



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



VIGNAN INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi.
Kondapur(V), Ghatkesar (M), Medchal-Malkajgiri (D) - 501 301, Phone:96529 10002/3



VMTW/Admin/cir/2024-25/05

Date: 14-07-2024

CIRCULAR

This is to inform all the students and staff is encouraged to dispose waste and E-waste material in allotted assigned color coded dustbins. To keep the college campus "Clean and Green."

Note: Green colour ---- E-Waste
Blue colour ---- Wet waste
Black colour ----- Dry waste

Copy to:

The CEO, for his kind information,

All the Deans, HODs and Staff,

IQAC,

Admin office,

All Notice Boards.

To be read in all class rooms



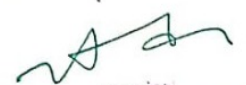

Principal
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D), T.S.
Telangana State

Figure 9.11.6: Circular for Segregation of Solid Waste



Report on E-waste management:

Vignan's Institute of Management and Technology for women has regular practice of managing E-waste. All the computers and other peripherals are well maintained at periodic intervals to protect the students and staff from exposure to any hazardous waste. The institute has a MOU with Rishitha Scrap Shop, Hyd Vignan's Institute of Management and Technology for Women has a regular practice of managing E-waste. All the computers and other electronic peripherals are well maintained at periodic intervals to protect the students and staff from exposure to any hazardous waste.



Figure 9.11.7: E-Waste collection from computer labs

College Code : UP	EAMCET Code : VMTW				RISHITHA SCRAP SHOP Road No. 2, Sai Nagar Colony, Medipally, Medchal - 500039 Ph: 9848151016, 8328362146
Ref No: VMTW/E-Waste Mtl/01/2023		Date: 03.02.2023		23.11.2022	
MEMORANDUM OF UNDERSTANDING DISPOSE OFF E-WASTE MATERIAL					
This Memorandum of Understanding is signed between:					
VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN, Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D). - (First Party)					
And					
RISHITHA SCRAP SHOP, Road No. 02, Sai Nagar Colony, Medipally, Medchal-Malkajgiri. - (Second Party)					
The purpose of this MOU is to facilitate collection, transportation, handling and recycling of e-waste from VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN. The Second Party promises and agrees to furnish all labour, materials tools, equipment, services and incidental and customary work necessary to fully and adequately supply the professional e-waste Management, including Collection, Processing, Recycling and Disposal Services necessary for the cause assigned.					
The specific terms of this contract are as follows:					
1. We will be lifting only e-waste related items.					
2. No bio-waste items will be included					
3. Rates will be at market price of scrap items.					

Figure 9.11.8: MOU with Rishitha Scrap Shop on E-Waste collection



II. Preserving Water:

Implementing rainwater harvesting and water recycling systems plays a crucial role in preserving water resources and supporting energy conservation. These solutions directly contribute to sustainable water management while aligning perfectly with global Sustainable Development Goals (SDGs).



Figure 9.11.9: Rainwater Harvesting

The water management practices at Vignan's Institute of Management and Technology for women meet the **Sustainable Development Goal 6 (Clean Water and Sanitation)**

- The use of recharge wells, supported by soaking pits and rainwater harvesting systems, helps replenish groundwater, supporting sustainable water resource management.
- Reusing RO wastewater for gardening demonstrates wastewater recycling and reuse, aligning.
- Treating wastewater in an on-site sewage treatment plant and reusing treated water for gardening supports safe and sustainable sanitation and water reuse.
- Wastewater generated at Vignan's Institute of Management and Technology for Women is treated in an on-site Sewage Treatment Plant, with treated water reused for gardening and sludge utilized as manure.



- Water usage across Vignan's Institute of Management and Technology for Women is monitored to avoid wastage leakages and overflows are controlled through regular supervision drills.



Figure 9.11.10: Sewage Treatment Plant

IV. Less use to renewable

Adopting energy-efficient lighting with LED bulbs across the campus directly reduces overall energy consumption, leading to less reliance on both renewable and non-renewable energy sources, while strongly supporting United Nations Sustainable Development Goals (SDGs).

- **SDG 7 (Affordable and Clean Energy):** LED lighting boosts energy efficiency (SDG 7.3), making clean energy more accessible and affordable by reducing waste and lowering operational costs.
- **SDG 12 (Responsible Consumption and Production):** LEDs last much longer than traditional lights, lowering the demand for frequent replacements and minimizing environmental impact from production and disposal.
- **SDG 13 (Climate Action):** Reduced electricity consumption leads to lower greenhouse gas emissions, particularly when the electricity grid still relies partly on fossil fuels, thus supporting urgent climate action goal



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

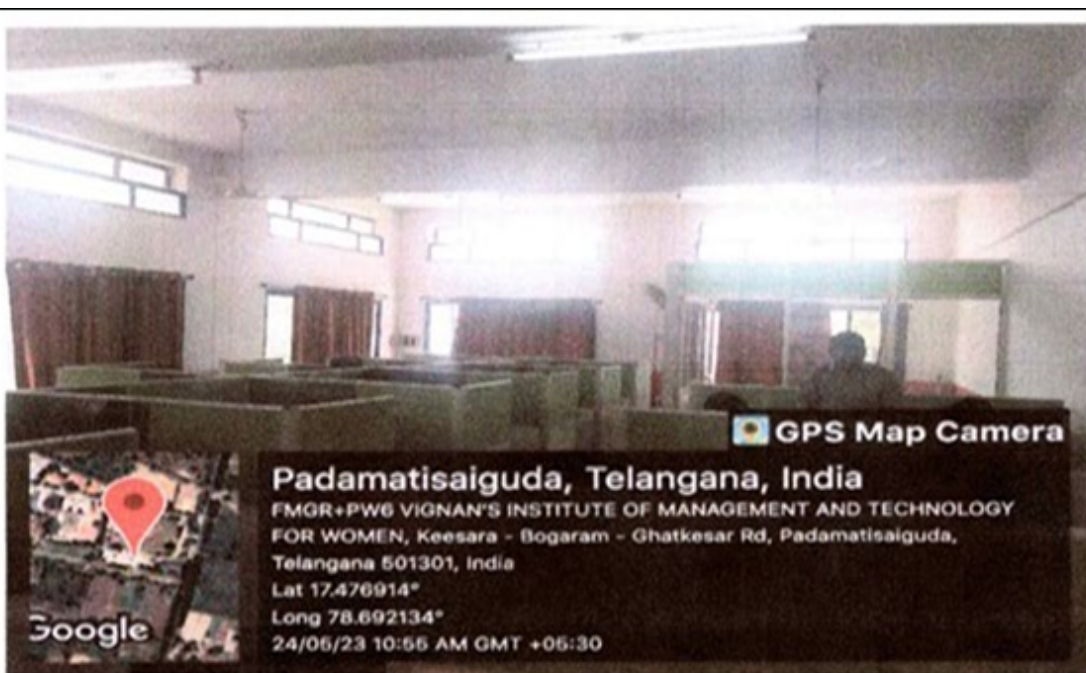
(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]

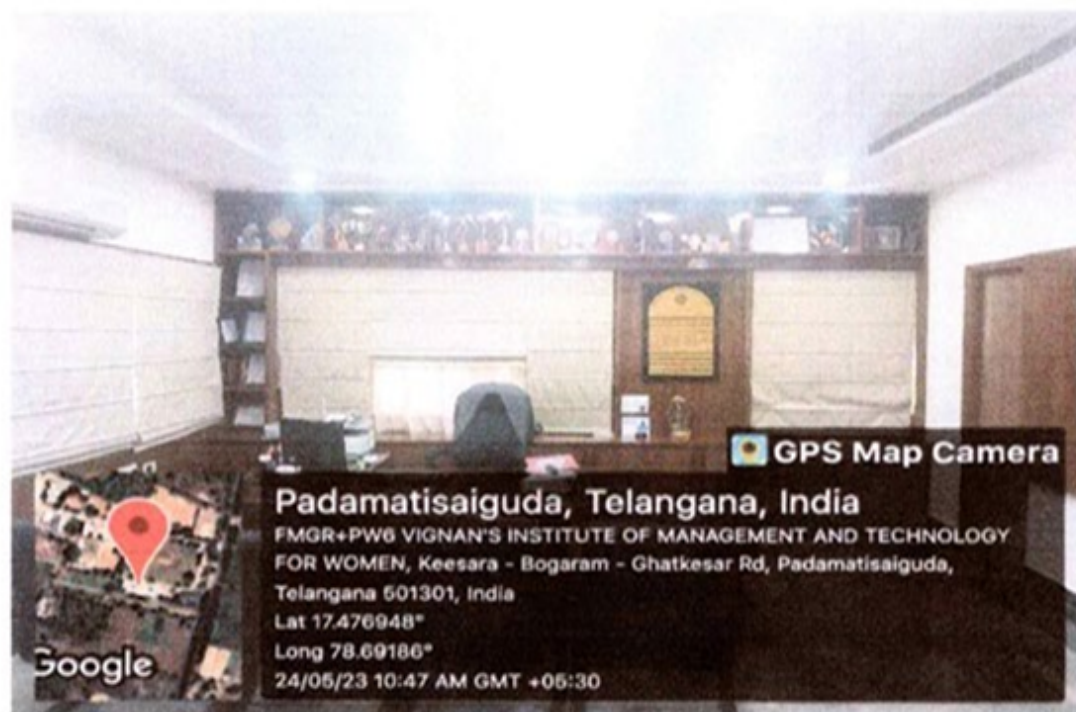
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Implementations at VMTW:



Use of LEDs in Staff Room



Use of LEDs in Principal Room

Figure 9.11.11: Use of LEDs in Staff and Principal room

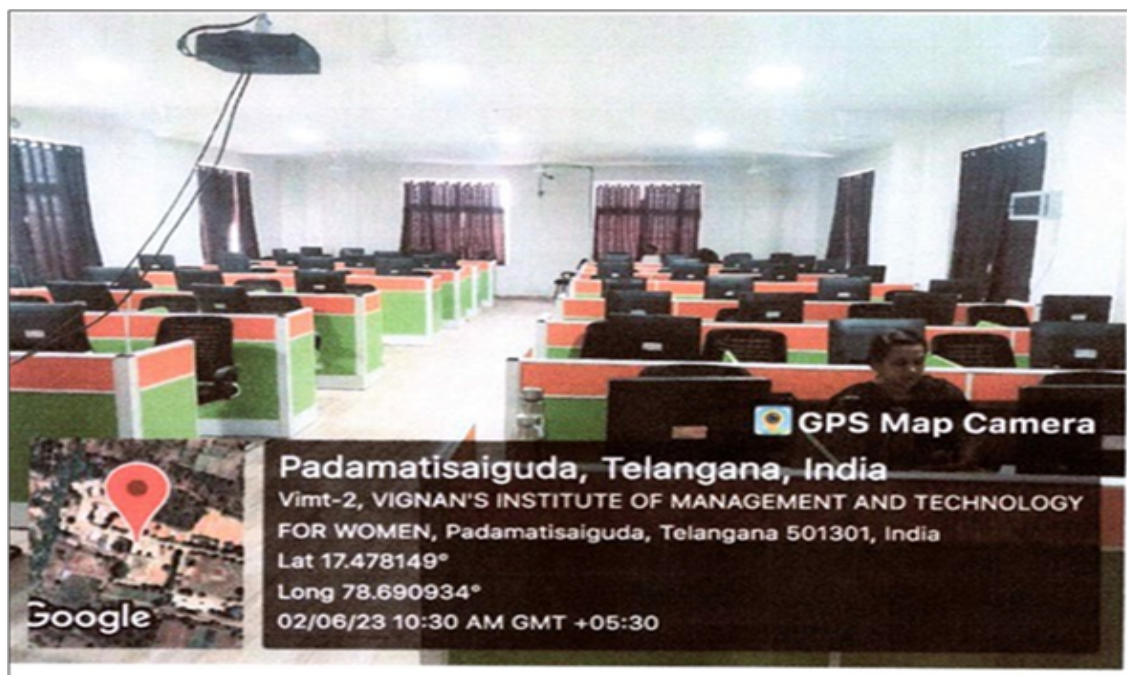


Figure: 9.11.12. Use of LEDs in Laboratory

V. Reuse/Recycle (Student Activity):

1. Students converting aluminium residue into practical key chains as part of a hands-on recycling.

Students convert aluminum residue into practical key chains as part of a hands-on recycling initiative. In the first image, students are seen diligently working in a workshop, cutting and shaping discarded aluminum pieces. The second image showcases the finished products key chains crafted from this recycled material, reflecting their creativity and commitment to sustainability.

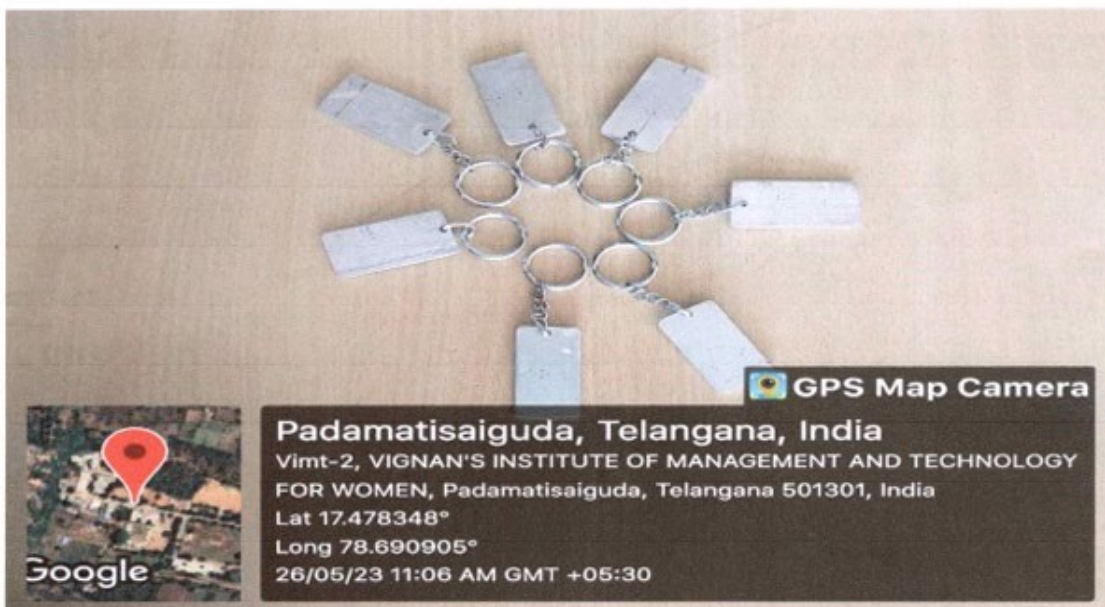
- **SDG 4 (Quality Education):** The project provides practical, experience-based learning, combining technical skills with environmental responsibility and instilling sustainable values in students' educational journeys.
- **SDG 12 (Responsible Consumption and Production):** By repurposing aluminium waste, students minimize landfill contributions and foster a culture of recycling and material reuse on campus.
- **SDG 13 (Climate Action):** Recycling metals such as aluminium uses less energy compared to primary production, thereby reducing carbon emissions and promoting climate-conscious behaviour.



Through such initiatives, institute empowers students to make meaningful contributions to sustainability and resource conservation, both within the institution and the broader community.



Aluminum Residue Converted Into Key- Chain



Prepared Key- Chains by students

Figure 9.11.13: Students Converting aluminium residue into practical key chains



2. Students converting wood into pen stand and paper weight.

The initiative where students create pen stands and paper weights from wood residue aligns with sustainable development goals as follows

- **SDG4 (Quality Education):** This project offers students hands-on experience in sustainability, problem-solving, and creative thinking. It integrates environmental values and practical skills into education, raising awareness about eco-friendly practices.
- **SDG 12 (Responsible Consumption and Production):** By creatively reusing wood waste, the initiative reduces the amount of material sent to landfills, encourages upcycling, and fosters a circular economy. It minimizes the need for new raw materials and promotes sustainable resource use.
- **SDG 13 (Climate Action):** Utilizing wood residue that would otherwise contribute to waste and potential carbon emissions from decomposition helps lower the carbon footprint and supports climate change mitigation.
- **SDG 15 (Life on Land):** Repurposing wood residue lessens the impact of deforestation and resource extraction, contributing to conservation of terrestrial ecosystems and biodiversity.



Figure 9.11.14: Students converting wood into pen stand and paper weight.



Implementation taken by Vignan's Institute of Management and Technology for Women (VMTW) towards Sustainable Development Goals (SDGs) specifically focusing Academic projects, R & D activities, entrepreneurial activities, outreach programs.

I. Academic Projects: (Student Projects):

Student academic projects at VMTW College, exclusively focused on SDG themes, actively support Sustainable Development Goals (SDGs) by promoting innovation and solutions that advance community health, environmental protection, clean energy, and social empowerment. Faculty-guided student research fosters interdisciplinary skills and sustainable thinking, ensuring that academic work contributes positively to society and the campus environment.

Table No. 9.11.1: AY2024-25 Major Projects

S.N.	Project Title	SDG(s) Mapped	Justification of SDG Mapping
1	Smart and Effective Realtime Management of Street Parking	11,17	Improves urban infrastructure and sustainable cities by managing street parking in real time, promoting multi-stakeholder partnerships among local authorities, tech providers, and citizens for efficient urban mobility.
2	Visualizing Medical Information	3, 4, 17	Enhances healthcare education and information accessibility through technology and partnerships between medical institutions and educational platforms, advancing good health and quality education.
3	Fake Social media Profile detection and reporting	16	Strengthens peace and justice by combating misinformation, relying on collaboration among social media platforms, tech experts, and civil society for digital trust and security.
4	AI-based tool for preliminary diagnosis of Dermatological manifestations.	3,10,17	Improves equitable healthcare access via AI diagnostics, supporting healthcare providers in underserved areas through technology partnerships.



II. R&D activities:

1. Agri Sense AI Project Developed by Students

VMTW students have successfully developed a working project based on the Agri Sense AI platform, which integrates AI, IoT, and precision farming technologies to optimize agricultural practices. This hands-on project demonstrates the students' application of technology for sustainable farming solutions, focusing on real-time soil monitoring, automated irrigation, pest detection, and smart marketplace integration. Through the project, students contribute in advancing sustainable agriculture, aligning their work with multiple Sustainable Development Goals (SDGs) such as zero hunger, clean water management, climate action, and economic growth for farmers.

Table No.9.11.2: SDG Mapping of Agri Sense AI

Agri Sense AI Feature	SDG	Impact
Soil and Crop Health Monitoring	SDG 2: Zero Hunger	Enhances food production efficiency and nutritional security through precision agriculture.
Efficient Water Use via Automated Irrigation	SDG 6: Clean Water and Sanitation	Promotes sustainable water management by minimizing waste in irrigation.
AI-Powered Pest and Disease Detection	SDG12: Responsible Consumption	Reduces reliance on harmful pesticides, supporting ecological balance and sustainable use of inputs.
Climate-Adaptive Farming with Weather Forecast	SDG 13: Climate Action	Builds resilience against climate variability and mitigates negative environmental impacts.
Direct Market Access and Fair Pricing	SDG 8: Decent Work and Economic Growth	Improves farmer incomes and economic stability by facilitating transparent market access.
Innovation in Agricultural Technology	SDG 9: Industry, Innovation, and Infrastructure	Advances technological innovation in rural farming ecosystems.
Sustainable Land Use and Resource Conservation	SDG 15: Life on Land	Protects soil health and biodiversity through optimized farming practices.



Impact and Benefits

- The project empowers farmers with real-time actionable insights to increase productivity and reduce resource wastage.
- The sustainable use of water, fertilizers, and pesticides helps protect the environment and promotes long-term soil health.
- By adopting climate-resilient farming practices, farmers can better cope with extreme weather events.
- The direct marketplace connects farmers to buyers, enhancing economic returns and community development.
- VMTW students' involvement in this working project translates academic knowledge into practical applications, fostering innovation and sustainability in agriculture.



Figure 9.11.15: Working Prototype of the “Agri Sense AI System”

This approach by VMTW students exemplifies how academic institutions can contribute to sustainable development by addressing real-world agricultural challenges through cutting-edge technology aligned with the SDGs.



2. Industrial Visits:

The Department of CSE(AI&ML) organized a productive industrial visit to the National Small Industries Corporation (NSIC) for the 2nd and 3rd-year students. This visit aimed to bridge the gap between academic learning and real-world applications by exposing students to industrial practices, technological innovations, and entrepreneurial insights.

This research and development (R&D) activity supports Sustainable Development Goals (SDGs) as follows:

- **SDG 4 (Quality Education):** The visit enriched students' learning beyond classrooms, offering practical knowledge and skill development essential for lifelong learning and inclusive education.
- **SDG 8 (Decent Work and Economic Growth):** By understanding entrepreneurship and small industry operations, students are better equipped to contribute to economic growth and job creation.
- **SDG 9 (Industry, Innovation, and Infrastructure):** Exposure to industrial technologies and innovation processes fosters an innovation-driven mindset and supports sustainable industrialization.



Figure 9.11.16 (a): Students Visited” NSIC”



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3

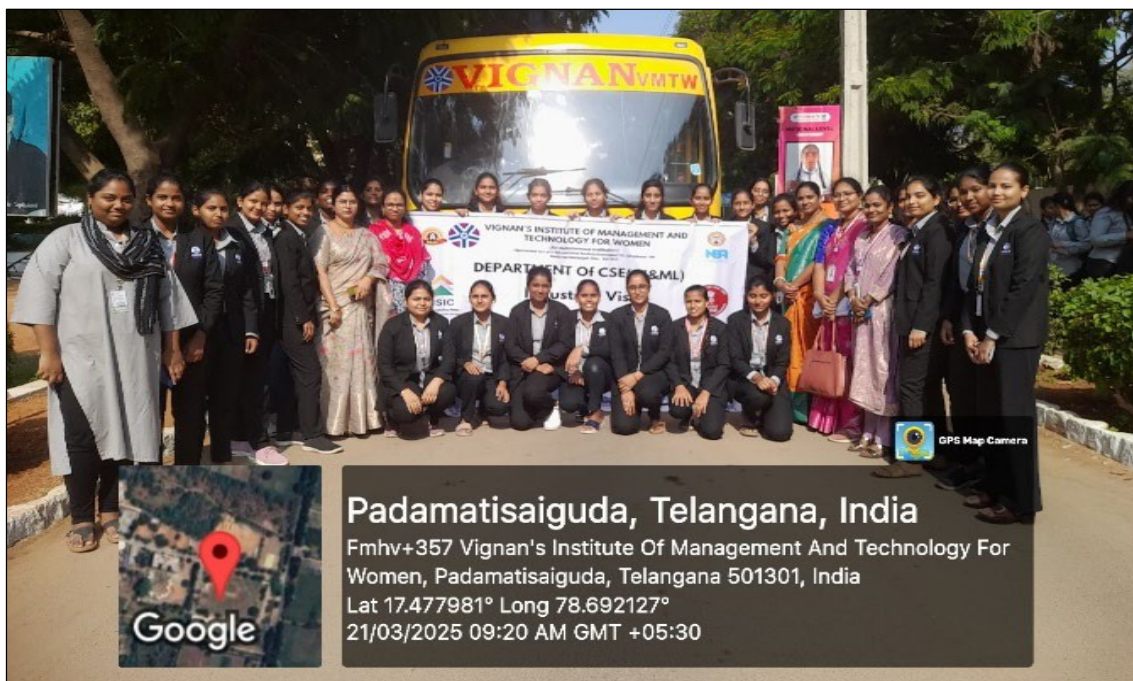


Figure 9.11.16 (b): Students Visited" NSIC"



III Entrepreneurial activities:

Entrepreneurial activities at this institute are promoted through the Entrepreneurship Development Cell (EDC) and Innovation Incubation Centre, which provide a supportive ecosystem for students to develop and transform innovative ideas into viable business ventures. These activities are designed to cultivate creativity, multidimensional skills, and an entrepreneurial mindset among students through various structured initiatives.

Entrepreneurial Activities at Vignan Institute of Management and Technology College

- **Governance and Infrastructure:** The EDC manages all entrepreneurial operations backed by a governance committee including faculty, alumni, industry experts, and startup founders. The college offers a dedicated EDC office, pre-incubation labs, and innovation spaces accessible to students and faculty.
- **Innovation Support:** Vignan's Institute of Management and Technology for women has an Innovation Fund to financially support startup activities such as prototyping, patent filing, and seed grants. The institute also implements flexible academic policies to accommodate entrepreneurial pursuits, offering academic credits, project substitutions, and sabbatical leaves for startup work.
- **Capacity Building:** Through workshops on design thinking, business model development, IPR awareness, and market validation, students gain practical skills needed for entrepreneurship. Regular events like hackathons, ideathons, and innovation challenges cultivate an entrepreneurial culture on campus.
- **Mentoring and Industry Linkages:** The college facilitates connections with alumni entrepreneurs, local industries, incubation hubs, and technology parks for mentoring, technical guidance, and market exposure. This ecosystem supports students from ideation to market launch.
- **Start-up Development:** Pre-incubation programs provide mentoring, prototype development, and testing support. Selected projects receive seed funding and incubation lab access, enabling students to develop commercially viable products, such as the Smart Waste Segregation Bin.



Vignan's Institute of Management and Technology for women entrepreneurial ecosystem aligns with several SDGs by encouraging innovation that addresses societal and environmental challenges:

- **SDG 4 (Quality Education):** By embedding innovation and entrepreneurship into the curriculum and co-curricular activities, the college enhances education quality and accessibility to practical skills.
- **SDG 8 (Decent Work and Economic Growth):** Entrepreneurial activities foster job creation, economic empowerment, and sustainable growth through nurturing start-ups and business creation.
- **SDG 9 (Industry, Innovation, and Infrastructure):** The institution's incubation infrastructure and innovation support promote resilient infrastructure, inclusive industrialization, and innovation.
- **SDG 11 (Sustainable Cities and Communities) and SDG 12 (Responsible Consumption and Production):** Start-ups like the Smart Waste Segregation Bin demonstrate solutions for sustainable waste management, reducing environmental impact and promoting responsible resource use.

IV. Environmental Awareness Programs:

Program 1: Tree Plantation on Environmental Day and World Earth Day.

The tree plantation program organized by Vignan's institute of management and technology for women, featuring active participation from both chief guests and students during Environmental Day and World Earth Day, successfully raised awareness about the importance of afforestation and environmental conservation. By involving the institution community in hands-on tree planting activities, the program educated participants and onlookers about the critical role trees play in maintaining ecological balance, improving air quality, supporting biodiversity, and mitigating climate change.

This initiative aligns strongly with several Sustainable Development Goals, particularly:

- **SDG 4 (Quality Education):** The program fosters environmental literacy, experiential learning, and community engagement among students.
- **SDG 11 (Sustainable Cities and Communities):** Greening efforts enhance urban spaces, making campuses and communities cleaner, healthier, and more sustainable.



- **SDG 13 (Climate Action):** Tree planting helps sequester carbon dioxide, combating global warming and enhancing resilience against climate-related challenges.
- **SDG 15 (Life on Land):** The increase in green cover supports local biodiversity, prevents soil erosion, and promotes healthy terrestrial ecosystems.

Through such collaborative and educational events, institute instils an ethic of environmental stewardship, empowering individuals to contribute actively toward a sustainable future.



Tree planitation by Chief guest on the Environmental day celebration



Tree planitation by students on the World earth day

Figure 9.11.17: Students participating in “Tree Plantation”



Program 2: Awareness program “GO ECO”

Students participating in an awareness program titled “GO ECO,” where they are actively engaged in preparing paper bags from old newspapers. Under faculty supervision, students use their creativity and teamwork to craft eco-friendly paper bags, promoting sustainable alternatives to single-use plastics.

- **SDG 4 (Quality Education):** The program provides experiential, skill-based learning, instilling environmental values and practical knowledge to empower students as change agents for sustainability.
- **SDG 12 (Responsible Consumption and Production):** By reusing newspapers to make paper bags, students help minimize waste generation and encourage responsible, sustainable material use. This reduces reliance on non-biodegradable plastic bags and promotes recycling.
- **SDG 13 (Climate Action):** The reduction of plastic waste helps prevent pollution and greenhouse gas emissions associated with plastic production and disposal.

Through such hands-on activities, Vignan Institute of Management and Technology fosters environmental stewardship and community engagement, supporting a greener, more sustainable future.



Preparation of PAPER BAG by the student's part of Awareness program on “GO ECO”

Figure 9.11.18: Students participating in “GO ECO”



Program 4: Awareness program on Eco friendly Ganesh.

Students at institution participates in an awareness program called "Eco Friendly Ganesh," where they are engaged in making eco-friendly Ganesh (Vinayaka) idols from natural clay. This initiative encourages participants to use biodegradable materials instead of conventional plaster of Paris or chemical-based paints, thereby minimizing pollution and environmental harm traditionally associated with festival immersions.

This activity supports multiple Sustainable Development Goals:

- **SDG 4 (Quality Education):** The hands-on workshop fosters environmental awareness, creativity, and community participation among students, embedding sustainability concepts in the learning experience.
- **SDG 12 (Responsible Consumption and Production):** By using natural clay and simple, eco-friendly materials, the initiative promotes sustainable production and discourages harmful, non-biodegradable substances.
- **SDG 13 (Climate Action):** Preventing water pollution from chemical-laden idols helps protect aquatic ecosystems and reduces the community's ecological footprint.
- **SDG 15 (Life on Land):** Eco idols dissolve harmlessly in water, safeguarding soil and water quality, preserving biodiversity



Figure 9.11.19: Students participating in "Eco friendly Ganesh"



V. Outreach Programs:

Vignan's Institute of Management and Technology for women organizes various outreach programs, including health camps, environmental drives, and women's empowerment workshops, which engage both students and the local community. The institution actively aligns its activities with Sustainable Development Goals (SDGs) through health, education, gender equality, clean energy, and eco-friendly campus initiatives. Continuous student participation, best practices in teaching and learning, and well-supported infrastructure contribute to social responsibility and sustainability.

Program 1: Awareness Program on “Rainwater harvesting”.

The students educated peers and staff about the importance of preserving water resources, demonstrated practical rainwater harvesting techniques, and encouraged the adoption of these methods for both environmental and economic benefits. By engaging in these outreach efforts, the students contributed in raising awareness about water scarcity issues and fostering a culture of responsible water usage, directly supporting **Sustainable Development Goal 6** (Clean Water and Sanitation).



Figure 9.11.20: Students participating in Rainwater harvesting



Program 2: Awareness on “Water pollution”

The collaboration between Vignan’s Institute of Management and Technology for women and Jeevanadi Foundation to stop water pollution and improve Edulabad Lake's cleanliness directly supported the United Nations Sustainable Development Goals (SDGs). Their joint activities, including pollution prevention drives and restoration initiatives, contributed to environmental, social, and biodiversity outcomes that align with specific SDGs.

- **SDG 6: Clean Water and Sanitation**

By preventing water pollution and organizing awareness drives at Edulabad Lake, the initiative helped to reduce contaminant inflows, promoted safe water practices, and supported sustainable lake management. These actions improved water quality and made the surroundings safer for local communities.

- **SDG 14: Life Below Water**

The project improved aquatic biodiversity by fostering a cleaner habitat, reducing levels of toxic waste, and supporting the revival of fish populations. Restoration and rehabilitation efforts directly contributed to healthier aquatic ecosystems.

- **SDG 15: Life on Land**

Cleaner water bodies benefit terrestrial flora and fauna by improving water available for irrigation and wildlife. By limiting pollution, the lake ecosystem now better supports lakeside vegetation and animals.

Students and NGOs worked together to ensure project sustainability. This collective effort demonstrates how local environment-focused projects, through education, partnership, and targeted interventions, advance SDGs and make meaningful progress toward sustainable water resource management and biodiversity conservation.



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Figure 9.11.21: Students participating in “Stop Water Pollution”



Program 3: "Food Donation "

The “Food Donation” initiative organized by Vignan’s Institute of Management and Technology for Women, Kondapur(V), at the Elderly Welfare Association old age home, Rampally (Ghatkesar), aligns with several UN Sustainable Development Goals (SDGs).

- **SDG 3: Good Health and Well-being**

The activity directly supports SDG 3 by promoting the health and well-being of elderly individuals. The donation of primary medicines and fruits ensured access to basic healthcare support and nutritious food, contributing to better physical health and immunity among the inmates. The interaction and entertainment program further promoted emotional well-being and mental health by reducing feelings of loneliness and social isolation.

- **SDG 10: Reduced Inequalities**

By visiting and supporting an old age home, the program worked toward SDG 10, aiming to reduce inequalities faced by the elderly—a vulnerable section often neglected by society. The students’ involvement highlighted the importance of inclusivity and compassion toward marginalized communities.



Figure 9.11.22: Students participating in “Food Donation”



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(An Autonomous Institution)

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Figure 9.11.23: Students participating in “Food Donation”