

Part II. Description of Actions

MET IOM Activities Report 2021-2023

- The MET League of Colleges is a conglomerate of premiere educational institutions, driven by a single-minded focus on imparting quality education to make students sharp and socially sensible. MET's commitment to impart value-based education across all levels of society that has catapulted it to an NGO in Special Consultative Status with the United Nations (ECOSOC). The institution has carved a niche for itself amongst the premiere educational institutes in the country.
- At MET we have a dedicated cell MET Seva for social outreach programmes where we try to help underprivileged strata of society by providing them support through various activities. The root cause of poverty is unemployment, underemployment and lack of educational opportunities. Hence, revival of tribal arts and providing livelihood to tribals is one of the various activities under MET Seva.



With the help of students we are identifying, supporting and promoting innovations and scalable interventions for empowering the underprivileged. Our plan is to create an ecosystem for social entrepreneurship and encourage sustainable, scalable and measurable livelihoods so that the problem of poverty and underemployment can be addressed with minimum capital requirement and maximum impact. At the same time efforts are taken to create positive impact on climate by introducing Circular Lab, Zero Waste concepts in campus.

Projects undertaken by MET IOM – Vocational training and awareness programmes:

- Warli Painting promotion
- Plantation Drives at Vasai and Goregoan East
- Launch of Circular Lab
- Zero Waste Initiative
- Energy Consumption awareness
- Efficient Water management
- Donors Registry for Stem Cell
- Sustainability Conference
- Nutrition's for all – Meri Poustik Rasoi

MET students are encouraged to take up responsibility of various social projects. Students had conducted a survey to identify requirement of trained people in adjacent areas to start right vocational training programme to cater that requirement.

1) MET-IOM & ICCE Partnership

MET Institute of Management in collaboration with ICCE has taken an initiative to launch India's first circular lab in Mumbai which was inaugurated at MET IOM Campus on 19th November, 2022. The lab was inaugurated by Dr. Ramesh Unnikrishnan, Adviser AICTE. He was joined by stalwarts in the field of environment and sustainability such as Mr. Atul Bagai, Country Head, United Nations Environment Programme (UNEP), Mr. Anirban Ghosh, Chief Sustainability Officer, Mahindra & Mahindra, Mr. Rahul V Poddar, Managing Director, The Shakti Plastic Inc and Mr. Karan Thakkar, Founder and CEO, Threco-The Recycling Co. The purpose of Circular Lab is to act as a prototype for future circular economy concepts and tools. The lab will put special emphasis on issues including resource recovery, waste reduction, and renewable energy. Circular Labs can aid in quickening the shift to a more resource-conscious and sustainable economy by offering a place for experimentation and innovation. Approx. 180 students were sensitized.



Strengthening Collaboration:

The MoU was signed on 15th July, 2022, to enhance collaboration and foster a stronger partnership.



Knowledge and Expertise Sharing:

It enables the exchange of knowledge, expertise, and best practices between the two companies, fostering innovation and growth.



Joint Resource Utilization:

To facilitate the optimal utilization of resources by both companies, allowing them to leverage each other's strengths and capabilities for mutual benefit.

Objectives Of Circular Lab



Bhujbal Knowledge City
MET Institute of Management

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2. A National Research Conference on 'Holistic Value Creation Through Sustainable Development' held on 30th April, 2022

Sustainability was crucial for maximizing the organization's long-term high value creation. The corporates are under inspection for their contribution to society and environment. The companies need to create a strategy lead action plan and incorporate the key parameters and metrics required for sustainable investing. This conference gave a foresight for local sustainable action plan linking with global practices; from micro to macro level. The aim of the conference was to identify the challenges and prevailing practices leading to sustainable production and consumption patterns to bring holistic value creation for society at large. So, there was an urgency to understand and discuss the factors in detail and to take action in the various areas with new solutions in every sphere of our societies to bring significant societal change. There were more than 300+ participants in the conference.



3. The Sustainability Hackathon

On 30th April, 2022, students organized a Sustainability Hackathon; where 6 sustainability goals were the major focus and few models were created on some environmental problems which can help them to resolve in a sustainable way. The six areas were: 1. Energy & Buildings 2. Integrated Mobility 3. Sustainable Waste Management 4. Urban Flooding & Water Resource Management 5. Air Quality 6. Urban Greening & Biodiversity Hon'ble Shri Aditya Thackeray, Minister of environment, Tourism & Protocol, Govt. of Maharashtra, had inaugurated the Hackathon and also addressed the crowd with his future vision and outcomes of his departments and the need of the hour on climatic change issue. He was very delighted that the new generation was not only focusing on just the development but for a sustainable development for the future. He also expressed "We are at the hour when sustainability has to be our focus, not just for the future generations but for ourselves". Approx. 60 students participated for the sustainability hackathon.



4. An International Research Conference on 'Transitioning towards a Circular Economy – Opportunities & Challenges', held on 19th November, 2022

Circular thinking has always been prevalent in Indian society; its fundamental tenet being value generation must be separated from resource use. For our industrial systems to become more competitive and less reliant on resources, a development strategy that promotes the best use of resources is the need of the hour. To take a holistic view of products and processes, a circular thinking and an interdisciplinary approach that takes into account socio-technical, managerial, and environmental variables are required for this paradigm shift. The ultimate aim of this conference was to create a platform of innovative strategies that would help businesses to smoothly transition from linear to circular economy which will be inclusive by the thought leaders and exclusively used by all. There were 200 participants and more than 30 papers were submitted for this conference.



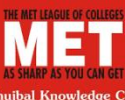
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5. The Zero Waste Campus Initiative

Zero Waste aims to promote sustainable consumption and production patterns and support the societal shift towards circularity. It focuses on waste prevention by encouraging sustainable production & consumption, reuse or recycle of the resources by making optimum utilization. The end goal of this is to avoid sending trash or waste to the landfills, ocean, waste treatment plant or any other part of the environment. Zero waste approach aims for massive change in the way materials flow from the society. It encompasses eliminating waste through reducing, reusing and recycling. The below mentioned activities is under a continuous process, these activities started from February, 2023. There more than 300 students sensitized during this initiatives. Zero Waste Audit was conducted for the campus and identified the different types of waste generated and needed for recycling i.e 56kg. Wet waste per day, 51 kg dry waste per day which should not go to land fill.



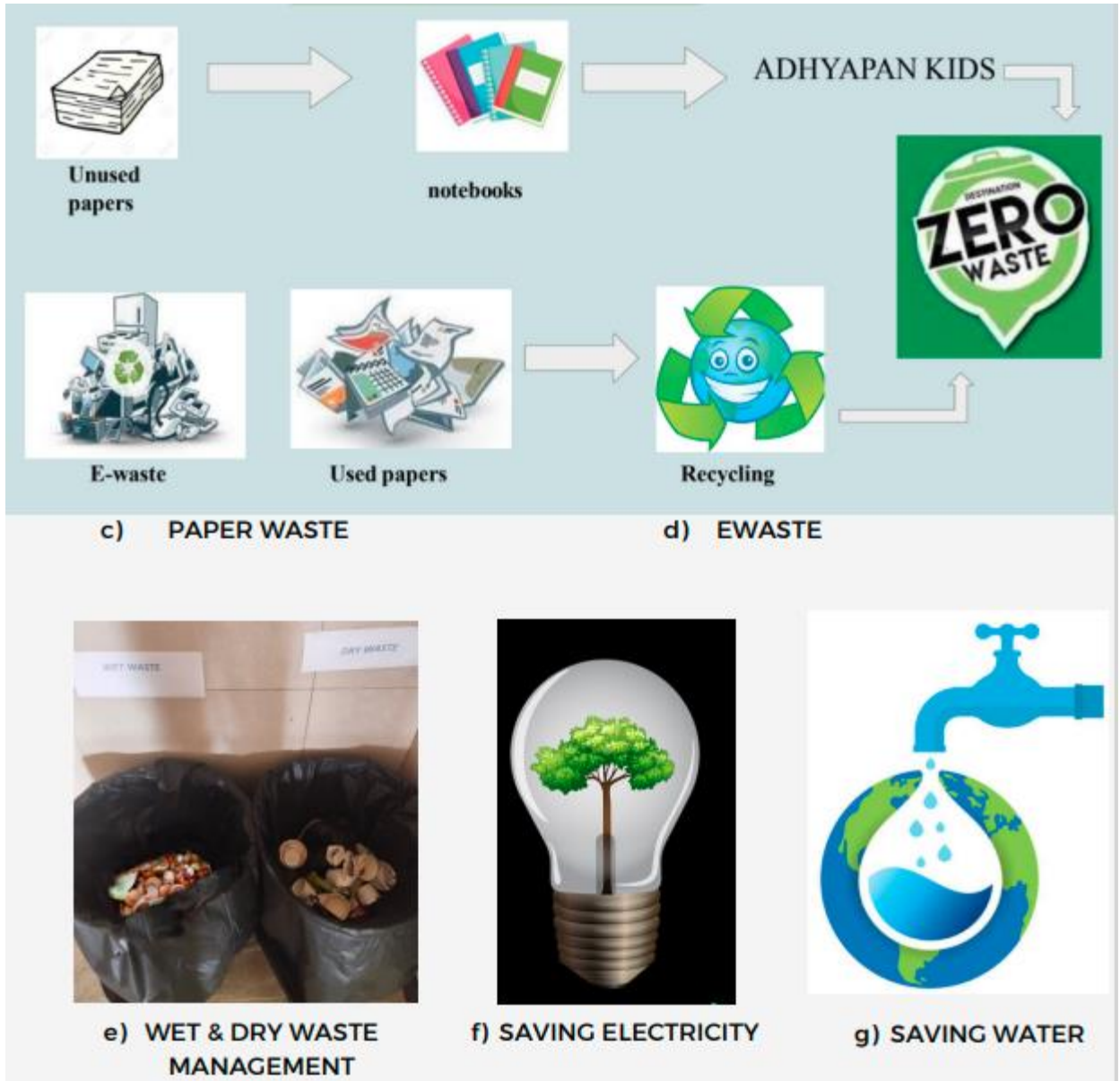
a) DRY WASTE COLLECTION DRIVE



b) ECO-BRICKS



The Zero Waste Campus Initiative- proper segregation and disposal of waste.



6. MET IOM Green Goals

To create awareness about the importance of environment in our day-to-day life, MET IOM set green goals to minimize the negative impact on environment as follows:



7. CSR Research Project By UNGCNI

MET Institute of Management and GCNI signed an MoU to carry out a CSR Research Project 'Youth Engagement for Climate Risk Mitigation', research grant by UNGCNI; in the area of SDG 13 Climate Action focuses on improving education, awareness-raising and human and institutional capacity building on climate change mitigation, adaptation, impact reduction and early warning. The objective of this project is to co-create and implement a district wide climate change and risk mitigation pilot to support target SDG 13.3 across aspirational districts in Gujarat and Maharashtra. The districts will be selected based on availability of bio-mass and plastic waste in the district and the project will be implemented across entire district adopting a saturation approach. A youth engagement strategy will be deployed in partnership with leading NGOs/ academic institution of the district with credibility and presence. The project is a multi-year project divided into 2 phases a) Pilot phase: Extensive primary and secondary research, identification of the district(s) where the project will be implemented b) Implementation phase: Based on the pilot report at least one district will be selected for focused attention and a long-term project implementation strategy will be prepared and submitted.



Student collected data of plastic waste and recycle in six districts by approaching to municipal bodies in those districts namely – Nandurbar, Gadchiroli, Aurangabad, Usmanabad, Narmada and Dahod.

Students interacted with various educational institutions to create awareness about the youth engagement in controlling plastic and bio waste in their areas 18 students worked on the project.



8. The Glenmark Nutrition Awards 2023, RISE World Summit 2023 and Round Table at Mumbai Educational Trust Institute of Management, Mumbai

MET IOM in collaboration with IDOBRO Impact Solution had organized a NGO Round Table & The Glenmark Nutrition Awards 2023, RISE World Summit 2023 on 1st & 2nd February 2023.

Glenmark foundation was among the First to come forward to support the most Vulnerable, be it those in need or those at the front-line. With a focus on Malnutrition and Hunger which rose like a plague during the Pandemic of Covid-19, the organization decided to focus on creating a platform to recognize all Organizations and Individuals who fought to beat the Hunger pandemic in the country.

The Glenmark Nutrition Awards was designed to strengthen the Eco-system, specifically the Non-profit sector to fight the Issues of Hunger and support healthy Mothers and children. More than 500 NGOs and Institutions across the country participated in the awards.

MET IOM's 20 students worked on approaching NGOs and Companies to regist for Nutrition Awards they interacted with approx. 5000 companies and got 500+ registrations for the event with IDOBRO.

It was divided into three categories: Urban, Rural, and Open.

The Urban category was won by the Cuddles Foundation

The Rural category by the Healing Fields Foundation

The Open category by the Nutrition Rehabilitation Research and Training Centre.

The Glenmark Nutrition Awards 2023, RISE World Summit 2023 and Round Table at Mumbai Educational Trust Institute of Management, Mumbai

Each winner received a grant from Glenmark Foundation to fund their projects in combating malnutrition.

"Meri Poushtik Rasoi", a recipe booklet comprising 54 nutritious and indigenous recipes from across the country was also unveiled at the event. Glenmark Foundation has been focusing on malnutrition as a key issue, giving special attention to children aged 0 to 6 years and pregnant and lactating mothers, using a 360-degree approach to fight Malnutrition.

Sessions held in MET during Rise World Summit – 1st to 3rd Feb. Besides that few other session were conducted:

- Self defense for girls, approx. 60 students participated.
- Other session on disaster management for students and NGOs under Rise summit.



9. Zero Waste week under the aegis of MET IOM - Circular Lab

The aim of the zero waste sustainability Conference is to eliminate waste generation or minimize produced in the MET campus and sensitizing MET staff, students and the local society.

Marking the end of the Zero Waste Week (30th March, 2023 to 5th April, 2023), the Circular Lab & the Social Cause Committee at MET IOM unveiled the eco-brick table at the hands of actor and social entrepreneurs, Mr. Karanvir Bohra and Ms. Teejay Sidhu.

The Social Cause Committee showcasing its pledge to waste management and sustainability created a writing table using eco-bricks created from non-recyclable waste i.e. PET bottles and single-use plastic. The initiative was started by Social Cause Committee in the month of February 2023, where student members of the Committee began collecting single use plastic waste from students of MET IOM. Students then created 15 eco-bricks using the waste generated from the Institute and made a table of it.

At the event, the Sustainability Initiatives and Zero Waste Audit Report was also inaugurated. The Audit Report, in which the data was collected and assessed by ICCE to evaluate the Institute's efforts in creating a Green Campus and for awareness about green initiatives at the Institute. Approx. 300 students were sensitized towards the managing the waste and also concept of recycle & reuse in their life



10. Initiatives Under Unnat Bharat Abhiyan (UBA)

Under the Unnat Bharat Abhiyan (UBA), MET Institute of Management has pledged to help in the transformational change in rural development processes by leveraging knowledge institutions to help build an architect of an inclusive India. The Institute has adopted five villages - Komarpada, Chinchapara, Shivajinagar, EktaNagar, MoriPara in Goregaon East area and conducts various social activities on a continuous to aid in rural development. To conduct various programs, MET Institute of Management has received Rs. 50,000/- as seed money from UBA. As a part of the UBA, the first campaign in the area adopted was to help in detection and eradicating of cataract in a systematic manner. For the same regular Eye Testing Camps are conducted once in a month followed by operations of patients detected with cataract problems with the help of NAATA Foundation and Rotary Club Goregaon MET IOM supported the Eye Testing Camp for 4 months to cover all villages adopted by MET IOM with NAATA Foundation.

Initiatives Under Unnat Bharat Abhiyan (UBA)



11. Tree plantation

MET Institute of Management, in continuum to developing the 5 villages adopted under the Unnat Bharat Abhiyan, conducted a Tree Planation Drive at MoriPara in Goregaon East. 10 MMS students of the Institute planted approximately 100 fruit-bearing trees in one acre of land.

The Tree Plantation Drive is not only MET IOM's pledge to a greener tomorrow but also its contribution in providing livelihood opportunities through the fruit-bearing trees to the natives of the village.



12. Circular Lab As A Value Added Subject

MET-IOM started a half credit course to create awareness about the circular economy with following objective:

Learning Objectives:

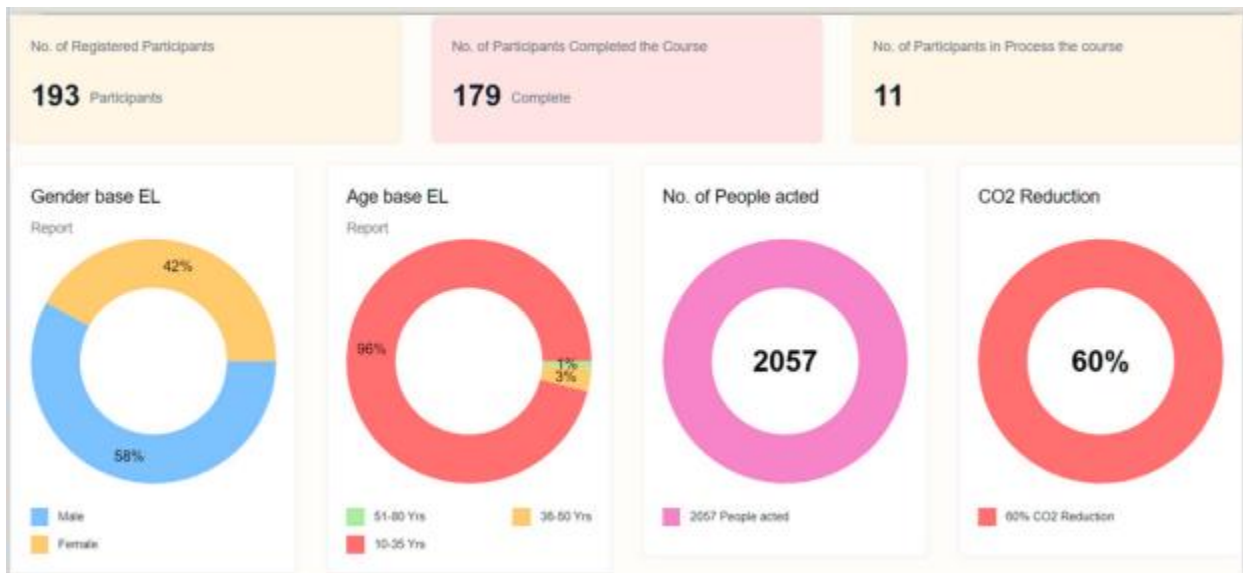
- Students will learn the importance of resource conservation, waste reduction, and sustainable production and consumption.
- Exploring innovative business models, product design strategies, and resource management techniques that promote circularity.
- Students will be able to analyse life cycle assessments, carbon footprints, and other environmental indicators to identify opportunities for circular economy interventions that minimize resource depletion and environmental degradation.

Synopsis of topics covered under Circular Economy Subject:

- Linear Versus Circular Economy
- Elements in Circular Economy
- Role of Government in Promoting
- Circular Model Circular Economy and various components

13. G20 Initiative On “Youth Action for Climate Correction (YACC)”

- AICTE jointly with Energy Swaraj Foundation (ESF) has launched a G20 initiative on “Youth Action for Climate Correction (YACC)” in line with Mission LiFE of Hon. Prime Minister.
- The aims to harness the potential of the youth, recognizing them as important stakeholders in shaping the future and facing the increasingly grave consequences of climate change.
- The Energy Literacy training would enable individuals and institutions to make informed decisions on sources of energy to be used and appropriate amounts to be used.
- The Energy & Climate Fellowship Program and the Energy and Climate Mentorship Program seek to empower the youth in combating climate change and creating a sustainable future.
- 193 students and faculty members of MET IOM participated and 179 completed the course.



14. Internal Audit Of The Campus

Our aim is to sensitize students, staff and society about the importance of Waste Management.

In March, 2022, MET Institute of Management adopted a Sustainability Initiatives, which outlines new goals that will lead the campus to become zero waste. Our zero waste goals are as follows:

- The dry waste generated would be segregated in the appropriate manner and send for recycling.
- Limit the use of plastic in the campus.
- The awareness programs would be conducted towards zero-waste.

Internal audit process

In order to perform the internal audit, the process included different tools data collection such as physical inspection of the campus, interviewing key persons, and filling the questionnaire provided by ICCE. The study covered the following areas to epitomize the current status of the environment management in the campus:

- Energy Conservation
- Water management
- Waste management
- E-waste management
- Green area management

15. Mumbai's Largest Climate Clock, Organized by Energy Swaraj Foundation and Switch on Foundation with energy club IIT Bombay

The primary objective of the largest climate Clock event at IIT Bombay is to raise awareness and drive action towards addressing the pressing issue of climate change. Through this event, organizers aim to educate and engage the public, students, and stakeholders about the urgency of climate action. By showcasing a climate Clock, the event aims to visually depict the dwindling time left to mitigate the effects of climate change.

The event strives to create a platform for discussions, knowledge-sharing, and collaboration among experts, activists, and the general public. It seeks to emphasize the need for sustainable practices, renewable energy, and carbon reduction strategies. Additionally, the event intends to highlight the role of technology and innovation in combating climate change.

At the commencement of HR Conclave 2023, Mr. Pankaj Bhujbal, Hon. Trustee, Mumbai Educational Trust, engaged the audience, illuminating the pivotal role humanity assumes in propelling climate fluctuations. He emphasised the urgency of collaborative endeavors to alleviate its repercussions.

Further into his discourse, Mr. Bhujbal delved into the domain of artificial intelligence (AI), accentuating its manifold advantages and its seamless integration into our daily existence.



Mumbai's Largest Climate Clock, Organized by Energy Swaraj Foundation and Switch on Foundation with energy club IIT Bombay

Esteemed trustee and professors from MET IOM came together to unveil the Climate Clock, a remarkable creation by MMS students in collaboration with IIT Bombay. This celebrated a noteworthy milestone, showcasing the students' joint endeavors that birthed the Climate Clock—a visual symbol underscoring the urgency of tackling climate change.



Way Forward

Climate Change and Environmental conservation are the significant concern for both faculty and students & hence, environmental awareness initiatives are crucial. In efforts to achieve our goals outlined in the Zero Waste Plan, we will be working actively to reduce the campus's per capita waste amount and increase its diversion rates, while embedding zero waste philosophy into the campus culture. We will promote the use of green resource guides for faculty, staff, and student events. We will provide zero waste training for current and new faculty/staff as well as regular engagement sessions for the Zero Waste Plan and Annual Zero Waste Report.

1. Action & commitment Implementing the recommendations given by ICCE over a period of time
2. Action & commitment Paying attention to suggestions made by our Sustainability Partner, Threco
3. Action & commitment Following the Green Goals and creating a sustainable culture across MET Institute
4. Creating awareness about importance of waste management amongst youth



Part 3 - Measurement of outcomes

MET under the commitment of support to the SDGs for betterment of society, has undertaken various activities related to 7 SDGs as under

- (1) **No Poverty(SDG1)**- focus on providing support to underprivileged with other NGOs.
- (2) **Zero Hunger(SDG 2)**- worked with *Roti Bank* as well as helped directly to various people in the surrounding areas time to time.
- (3) **Good Health and Well-being(SDG 3)**- Supporting *Loknayak Jai Praksh Narayan Leprosy Eradication Trust* and *Marrow Donor Registry India* for health and wellness activities.
- (4) **Quality Education(SDG 4)**- MET is a premier educational institution focused on providing quality at affordable cost and supports all education seekers.
- (5) **Gender Equality(SDG 5)**- At MET no discrimination on the basis of gender is followed in all types of opportunities given to staff and students.
- (6) **Decent Work and Economic Growth (SDG 8)** - MET provides decent work opportunities to all working in the organization and created revenue opportunities for various tribal groups by providing them training.



(7) Sustainable Cities and Communities (SDG 11) focusing on Zero waste campus and creating awareness through students to greater reach.

(8) Responsible Consumption and Production (SDG 12)- focus on Circular Economy for reducing carbon footprints on planet.

(9) Climate Action (SDG 13) – creating awareness about efficient use of water and energy for positive impact on climate.

(10) Partnerships for the Goals (SDG 17)- MET is working with various NGOs and agencies towards corporate governance and sustainability.

MET- IOM Imparting Professional Education with Share and Care Attitude!!!

