



SRM

INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

SDG REPORT

On Environmental Initiatives

(2024 to 2025)



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Introduction

World Environmental Day Report Summary (WED 2024)

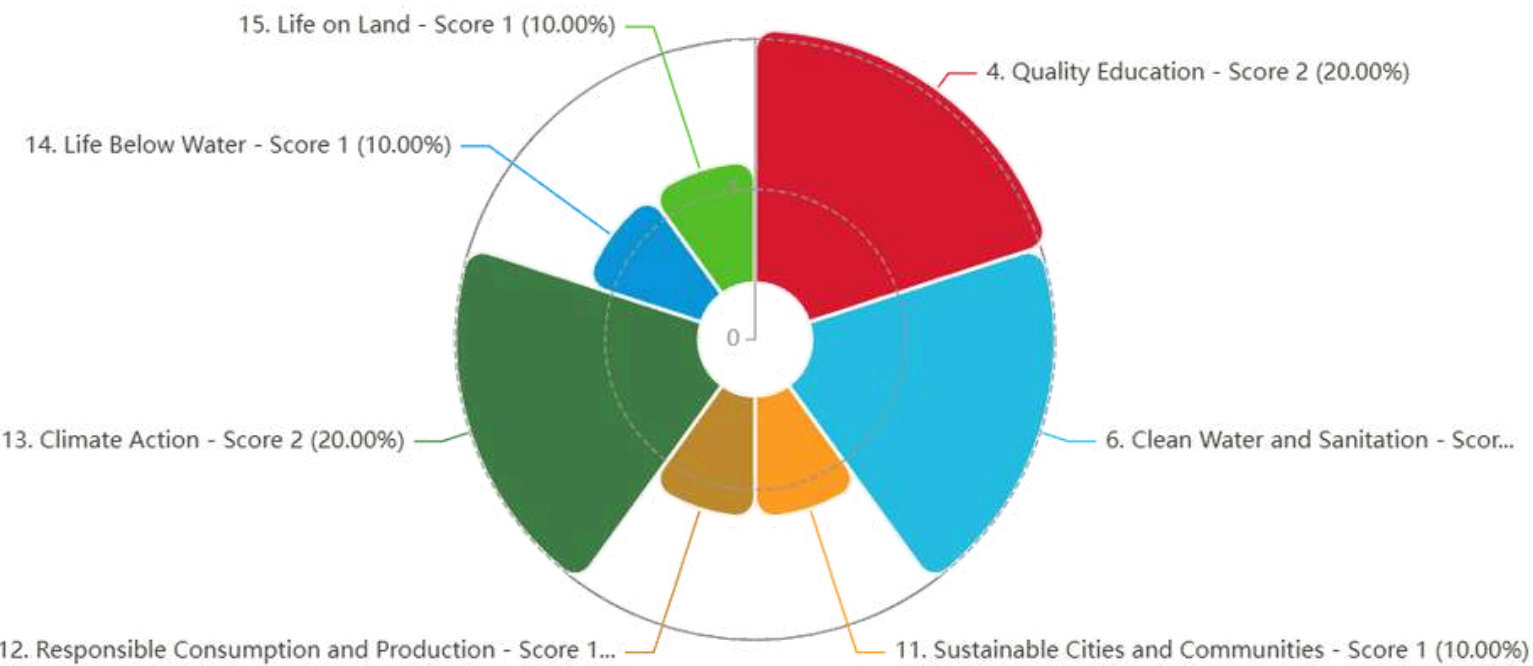
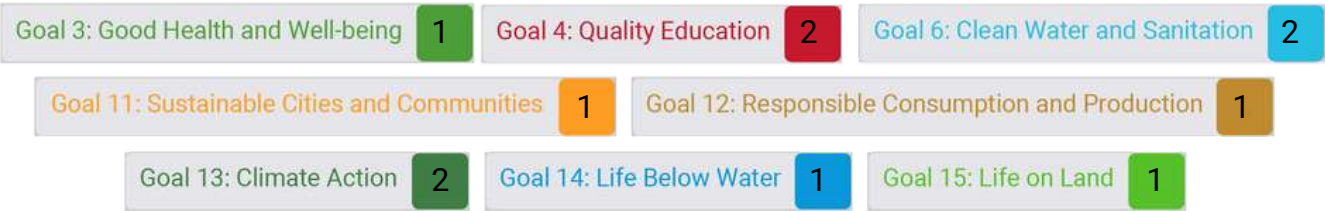
World Environment Day 2024 was commemorated at SRM Institute of Science and Technology, Kattankulathur campus as a seven-day event, spanning from June 3rd to June 10th, 2024. The event was organized by the Centre for Environment, Sustainability Advocacy and Climate Change (REACH), in collaboration with the School of Public Health, the Medical College, the College of Agricultural Sciences, the School of Hotel Management, UHV cell, NSS, and the School of Pharmacy. The program centred on the theme “Land Restoration, Desertification and draught resilience”. The primary objective of the program was to rehabilitate deteriorated areas by implementing reforestation, sustainable land management practices, and utilizing indigenous plant species. In the wake of this, the program embraced different thematic ideas for each day, comprehended various Sustainable Development Goals (SDGs) to disseminate a universal roadmap for achieving a better and more sustainable future for all.

The first lectures emphasised Urban water pollution as a critical issue, primarily caused by contaminants like chemicals, nutrients, pathogens, plastics, and sediments. The second lecture emphasised on the interconnectedness of the cleaner environment with a environmental and public health and sustainable development, as was discussed from intersection with WASH (Water, Sanitation and Hygiene). Also, the public awareness and education programs encourage responsible behaviour and proper disposal of pollutants as was discussed in the third lecture. Thus, altogether these lectures emphasised on SDG 3 (Good health and Well-being), SDG 4 (Quality education) and SDG 6 (Clean water and sanitation).

Altogether the World Environment Day, organised by REACH, Directorate of Research, SRMIST focused greatly towards the accomplishment of SDG Goal 4 “Quality Education” where one of the key area of focus is “Quality” which aims for the commitment to improve the quality of education by ensuring that learners acquire the required knowledge, skills, and values they need to succeed in their day to day life.

Overview

Number of Institutional Initiatives for each goal:





Ensure healthy lives and promote well-being for all at all ages.

Total Activity 01

1. Activity Name: WORKSHOP FOR SRMIST LABOURS

This program aligns most closely with Sustainable Development Goal (SDG) 3: Good Health and Well-being

Summary:

World Environment Day 2024 was celebrated at SRM IST, Kattankulathur, from June 3–10, led by REACH with multiple departments. The event highlighted interdisciplinary collaboration to address environmental challenges. Emphasizing collective responsibility, it showcased tangible outcomes through joint efforts from Public Health, Medical, Agriculture, Pharmacy, Hotel Management, NSS, UHV cell, promoting sustainable practices across all sectors.





Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Total Activity 02

1. Activity Name: Workshop for the children of SRMIST staff

This fireless cooking session primarily aligns with Sustainable Development Goal (SDG) 12: Responsible Consumption and Production.

Summary:

A fun and educational fireless cooking session was held for the children of SRM IST faculty, aiming to promote healthy eating and environmental responsibility. The session began with an engaging talk on how food choices impact the planet, including production, transport, and waste. Children learned about sustainable cooking and were introduced to fireless cooking—preparing meals without traditional heat sources—encouraging eco-friendly practices and a deeper awareness of food's environmental footprint.



2. Activity Name: WORKSHOP FOR SRMIST LABOURS

This program aligns most closely with Sustainable Development Goal (SDG) 3: Good Health and Well-being

Summary:

World Environment Day 2024 was celebrated at SRM IST, Kattankulathur, from June 3–10, led by REACH with multiple departments. The event highlighted interdisciplinary collaboration to address environmental challenges. Emphasizing collective responsibility, it showcased tangible outcomes through joint efforts from Public Health, Medical, Agriculture, Pharmacy, Hotel Management, NSS, UHV cell, promoting sustainable practices across all sectors.





Clean Water and Sanitation

Ensure availability and sustainable management of water and sanitation for all.

Total Activity 02

1. Activity Name: WED 2024 International Workshop

This comprehensive approach to addressing urban water pollution aligns most directly with Sustainable Development Goal (SDG) 6: Clean Water and Sanitation.

Summary:

Ms. Kine Baek, Scientist at NIVA, Norway, and Ms. Pallavi Kumar, Scientist at NISHTHA, delivered insightful talks on urban water pollution and its links to WASH, climate, and health. Urban water pollution, driven by chemicals, pathogens, and plastics, impacts ecosystems and human well-being. Solutions include green infrastructure, advanced treatment technologies, and strong regulatory enforcement.



2. Activity Name: Outreach Programme

The use of smart sensors for detecting and segregating plastic waste in the Adyar River aligns primarily with Sustainable Development Goals.

Summary:

A live demonstration on river plastic collection and segregation highlighted real-world challenges in scaling sustainable models. Students explored the gap between lab-based innovations and field applications. Guests shared insights on current technologies and government-backed research support, inspiring future generations to pursue sustainability-driven innovations and actively engage in environmental problem-solving for real-world impact.



Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient, and sustainable.

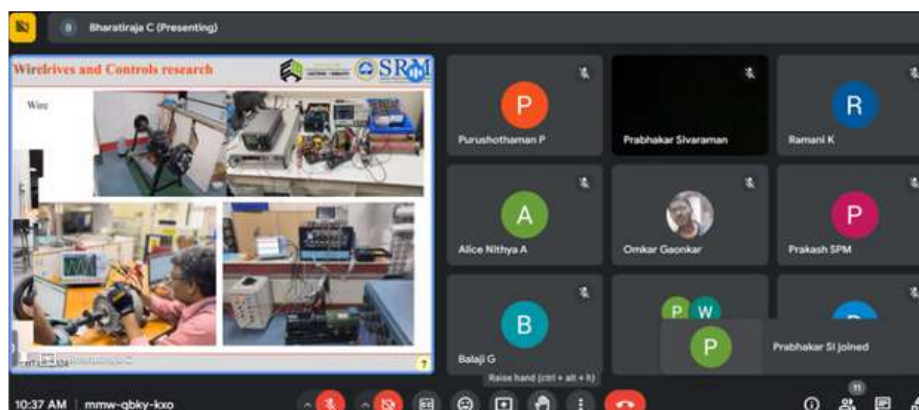
Total Activity 01

1. Activity Name: Online competitions

This event aligns most closely with Sustainable Development Goal SDG 9: Industry, Innovation and Infrastructure – by fostering innovation and problem-solving through collaborative discussions.

Summary:

The online competitions fostered a vibrant exchange of ideas, followed by an engaging panel discussion. This dynamic platform highlighted the value of shared knowledge and teamwork in addressing environmental challenges, demonstrating how collective efforts can inspire impactful change and drive forward-thinking solutions for a sustainable future.





Responsible Consumption and Production

Ensure sustainable consumption and production patterns.

Total Activity 01

1. Activity Name: Workshop for the children of SRMIST staff

This fireless cooking session primarily aligns with Sustainable Development Goal (SDG) 12: Responsible Consumption and Production.

Summary:

A fun and educational fireless cooking session was held for the children of SRM IST faculty, aiming to promote healthy eating and environmental responsibility. The session began with an engaging talk on how food choices impact the planet, including production, transport, and waste. Children learned about sustainable cooking and were introduced to fireless cooking—preparing meals without traditional heat sources—encouraging eco-friendly practices and a deeper awareness of food's environmental footprint.





Take urgent action to combat climate change and its impacts.

Total Activity 02

1. Activity Name: Tree Plantation Program

The tree plantation event you described aligns primarily with Sustainable Development Goal.

Summary:

A tree plantation event was conducted on June 4th at SRM Rural Healthcare Centre, Mamandoor village, Chengalpattu to fulfill the dual purpose of appreciating the aesthetics of nature and strengthening our dedication to preserving the environment.



2. Activity Name: Rally

This awareness rally aligns primarily with Sustainable Development Goal (SDG) 13: Climate Action.

Summary:

On June 6th, an inspiring environmental rally at SRM Medical College brought the community together to raise awareness and drive change. Students carried eco-friendly banners with powerful messages on sustainability, climate change, biodiversity, and waste reduction. The event encouraged active participation, with a special highlight being the enthusiastic involvement of youth. Their energy and commitment inspired all, reinforcing our shared responsibility to protect the planet for present and future generations.





Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

Total Activity 01

1. Activity Name: Sensor based plastic cleanup drive to save water bodies

SRMIST students and faculty members deployed nets with AI-based sensors to trap waste plastics from community to protect the fish and biota underwater along Adayar River. It was a combined interdisciplinary community outreach event to showcase Action for Rivers

Summary:

A live demonstration on river plastic collection and segregation highlighted real-world challenges in scaling sustainable models. Students explored the gap between lab-based innovations and field applications. Guests shared insights on current technologies and government-backed research support, inspiring future generations to pursue sustainability-driven innovations and actively engage in environmental problem-solving for real-world impact.





Protect, restore, and promote sustainable use of terrestrial ecosystems, manage forests sustainably, combat desertification, and halt biodiversity loss.

Total Activity 01

1. Activity Name: Tree Plantation Program

The tree plantation event you described aligns primarily with Sustainable Development Goal (SDG) 15: Life on Land.

Summary:

A tree plantation event was conducted on June 4th at SRM Rural Healthcare Centre, Mamandoor village, Chengalpattu to fulfill the dual purpose of appreciating the aesthetics of nature and strengthening our dedication to preserving the environment.



Conclusion

The World Environment Day 2024 celebrations at SRM Institute of Science and Technology, Kattankulathur campus, served as a comprehensive platform for promoting environmental awareness and sustainable practices. Organized as a seven-day program by REACH in collaboration with multiple academic and social outreach departments, the event addressed critical environmental issues through a series of thematic activities, workshops, competitions, and expert lectures. Each day focused on a distinct aspect of sustainability—ranging from waste management, reforestation, plastic segregation, and awareness rallies, to child-focused workshops on sustainable living and creative reuse.

The initiative was carefully aligned with multiple Sustainable Development Goals (SDGs), emphasizing the importance of integrated action for environmental restoration, public health, climate resilience, and quality education. The involvement of students, staff, faculty, and external experts fostered a multidisciplinary approach to addressing current environmental challenges.

Overall, the program effectively demonstrated SRMIST's ongoing commitment to environmental stewardship and its role in shaping an informed, responsible, and sustainable academic community. The event successfully instilled a sense of environmental responsibility and set a benchmark for future initiatives within and beyond the campus.

Report by



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