



SDG 15: LIFE ON LAND

Progress Report 2023-2024

MANAV RACHNA UNIVERSITY

Established wide Haryana state Legislature Act
No 26 of 2014 & under section 2(f) of UGC 1956



Protect, Restore and Promote
Sustainable Use of Terrestrial
Ecosystems

PREAMBLE

WE, THE FACULTY, STAFF, AND STUDENTS OF MANAV RACHNA UNIVERSITY, recognizing the vital importance of protecting, restoring, and promoting the sustainable use of terrestrial ecosystems, sustainably managing forests, combating desertification, and halting biodiversity loss, hereby affirm our profound commitment to the objectives of the United Nations Sustainable Development Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, halt and reverse land degradation and halt biodiversity loss.

WHEREAS healthy land ecosystems are indispensable for providing clean air and water, supporting human livelihoods, and mitigating the effects of climate change;
WHEREAS the institution proactively works to enhance campus biodiversity through continuous afforestation and plantation drives, maintaining green cover, and ensuring the protection of local flora and fauna, thereby setting an example for ecological stewardship in an urban setting;

WHEREAS our academic and research endeavors are dedicated to combating land degradation and desertification, utilizing expertise from our science and engineering departments to investigate sustainable soil management practices and ecosystem restoration techniques;

WHEREAS our commitment extends to engaging with the wider community on environmental issues, including organizing awareness campaigns and utilizing the Sahritha vertical to support local initiatives focused on wildlife protection and reducing the illicit trade of endangered species;

NOW, THEREFORE, BE IT RESOLVED that Manav Rachna University shall maintain its dedication to being a Green Campus, ensuring sustainable land use, promoting the restoration of degraded areas, integrating biodiversity conservation into all master planning, and championing the awareness and education necessary to safeguard the planet's terrestrial biological wealth for future generations.



1. Global Context

Sustainable Development Goal 15 (Life on Land) is a crucial pillar of the 2030 Agenda for Sustainable Development, focusing on protecting, restoring, and promoting sustainable use of terrestrial ecosystems. It aims to manage forests sustainably, combat desertification, halt and reverse land degradation, and stop biodiversity loss by 2030.

Its key targets include:

- Ensuring the conservation, restoration, and sustainable use of terrestrial and freshwater ecosystems, including forests, wetlands, mountains, and drylands.
- Combating desertification, restoring degraded land and soil, and striving to achieve a land degradation–neutral world,
- Halting deforestation and ensuring sustainable forest management,
- Protecting and preventing the extinction of threatened species and biodiversity,
- Mobilizing significant resources to conserve ecosystems and biodiversity, particularly in developing countries.

UN data shows that despite efforts to restore ecosystems and safeguard biodiversity, alarming rates of deforestation, land degradation, and species extinction continue. Climate change, urbanization, and unsustainable land use practices have intensified these challenges, underscoring the urgent need for coordinated, inclusive, and innovative actions at global, national, and institutional levels.

1.1 Relevance to Higher Education

Higher Education Institutions (HEIs) play a pivotal role in addressing SDG 15 through:

- Advancing research, innovation, and practices for environmental sustainability and biodiversity conservation,
- Promoting awareness on ecosystem protection, afforestation, and sustainable resource management,
- Encouraging green technologies, eco-friendly practices, and nature-based solutions,
- Engaging students and communities in conservation projects, tree plantations, and environmental stewardship initiatives.

1.2 Alignment with Manav Rachna University's Mission

Manav Rachna University (MRU) aligns deeply with SDG 15 through its vision of nurturing ethical and responsible global citizens and its mission to deliver outcome-based holistic education rooted in sustainability. MRU's eco-conscious initiatives, environmental awareness programs, research on conservation, and student-driven community projects aim to:

- Promote afforestation, biodiversity conservation, and sustainable land use practices,
- Strengthen community participation in ecosystem restoration and environmental protection,
- Encourage research and innovation on climate resilience, sustainability, and life sciences.

Through these targeted interventions, MRU not only contributes to the preservation and restoration of natural ecosystems but also empowers students and communities to safeguard biodiversity for future generations, thereby embodying the spirit and intent of SDG 15 – Life on Land.

1.3 MRU's Strategic Commitment to the Goal

Manav Rachna University (MRU) is strategically committed to environmental stewardship, sustainable practices, and ecological conservation, which directly align with the core purpose of SDG 15: Life on Land. Rooted in the belief that education is a powerful catalyst for environmental transformation, MRU adopts a holistic approach to safeguard biodiversity and restore ecosystems. Through its academic programs, green campus initiatives, community outreach, and research on sustainability, MRU actively contributes to conservation and land restoration, making environmental responsibility a core element of its strategic planning.

1.4 Policy Alignment and Institutional Values

MRU's institutional policies reflect a deep commitment to sustainability, ecological balance, and ethical responsibility, in consonance with national environmental priorities and global SDG frameworks. These policies include:

- Green campus initiatives focusing on waste management, water conservation, and energy efficiency,
- Policies encouraging tree plantation, biodiversity conservation, and eco-friendly practices,
- Community engagement programs supporting environmental awareness, ecosystem restoration, and land stewardship,
- Integration of sustainability, climate action, and biodiversity themes within curriculum, pedagogy, and research.

The university's core values of empathy, integrity, innovation, and excellence guide every initiative aimed at conserving ecosystems, protecting biodiversity, and fostering environmentally responsible communities through education and active engagement.

1.5 Key Administrative/Academic Units Involved

To systematically integrate SDG 15 – Life on Land into institutional functioning, several academic and administrative units at MRU play a collaborative role:

- Manav Rachna Centre for Peace and Sustainability (MRCPS): Leads biodiversity awareness, animal welfare, and ecological conservation projects.
- School of Engineering (SoE): Promotes eco-innovation through projects and patents focusing on sustainable agriculture and land use.
- Department of Environmental Science & Humanities: Integrates biodiversity, conservation, and sustainability into the curriculum and research.
- Institution's Innovation Council (IIC): Encourages green innovations, patents, and projects addressing ecosystem and land management challenges.
- Clubs and Student Societies (Eco Club, NSS, etc.): Actively participate in plantation drives, awareness sessions, and animal shelter visits.
- Office of Dean Students Welfare (DSW): Facilitates student-led campaigns, community outreach, and volunteering for environmental sustainability.

These units work together to implement MRU's commitment toward biodiversity conservation, ecosystem restoration, and responsible stewardship of natural resources.

2. Key Initiatives and Achievements

2.1 Academic Integration

Courses such as *Environmental Ethics & Sustainable Development*, *Green Computing*, and *E-Waste Management* integrate themes of biodiversity conservation, land restoration, and ecosystem protection.

2.1.1 Curriculum Mapping

Curriculum mapping helps students connect classroom learning with sustainable land-use practices and environmental responsibility.

2.1.2 Community Projects

Visit to Devshrya Animal Shelter care (April 5, 2024) Organized by the Manav Rachna Centre for Peace and Sustainability (MRCPS), this visit aimed to sensitize students towards animal welfare and the importance of biodiversity conservation. Students interacted with caretakers at the shelter and learned about the challenges of protecting abandoned and injured animals, along with the role shelters play in promoting compassion and ecological balance. The initiative emphasized empathy, responsible citizenship, and the significance of safeguarding all forms of life—directly contributing to the spirit of SDG 15 by fostering awareness on animal protection and ecosystem preservation.

MEGA PLANTATION DRIVES

The Mega Plantation Drive is an annual initiative conducted by the Dr. O P Bhalla Foundation in partnership with Manav Rachna Educational Institutions and the Manav Rachna Center for Peace and Sustainability. This drive aims to distribute and plant a diverse range of plants and trees in rural areas, government schools, and local community parks, thereby contributing to environmental preservation and mitigating the adverse effects of excessive deforestation. To date, over 25,000 plants have been distributed through this initiative.

Furthermore, participants, referred to as MRites, engage in a green pledge alongside government school students to foster a sense of environmental responsibility and cultivate informed, nature-sensitive individuals. The Mega Plantation Drive is conducted annually in August, with plant donations tailored to meet the specific needs of participating villages and government schools. Annually, approximately 5,000 plants are planted at various community locations, including village panchayats and schools.

Objective:

The primary objectives of this drive are:

- To distribute and plant various types of plants and trees in rural areas, government schools, and local community parks.
- To engage students and community members in environmental stewardship by nurturing informed, responsible, and nature-sensitive individuals.

- To fulfill the specific planting requirements of participating villages and schools, ensuring a tailored approach to reforestation efforts.

Impact :

Since its inception, the Mega Plantation Drive has made a significant impact on the local environment and community awareness. Key impacts include:

- **Plant Distribution:** Over 25,000 plants have been distributed, enhancing green cover in various locations. The initiative focuses on indigenous plants that support local biodiversity and ecosystems.
- **Community Engagement:** By involving students from government schools in tree planting activities and green pledges, the drive fosters a sense of responsibility toward environmental conservation among young individuals.
- **Enhanced Green Spaces:** The development of green belts, particularly outside the newly developed Off Campus Hostel at Sector 45, Faridabad, contributes to urban biodiversity and improves the aesthetic value of community spaces.
- **Educational Outreach:** Workshops and discussions led by experts, such as Dr. NC Wadhwa, help raise awareness about the importance of trees and the role of individuals in preserving the environment.

Events :

The Mega Plantation Drive has organized several impactful events, detailed below:

1. **Annual Plant Distribution Drive (11 July - 12 July):** During this two-day event, indigenous plants were donated to the Save Aravali Trust and the Eco Club, Faridabad. These plants were subsequently planted across various locations in Faridabad, enhancing local green cover and supporting biodiversity.





Green Belt Development Drive (17 July)

On July 17, the Dr. O P Bhalla Foundation organized a plantation drive to develop the Green Belt outside the newly developed Off Campus Hostel at Sector 45, Faridabad. This event saw enthusiastic participation from Foundation volunteers, volunteers from DSW-MRIIRS and MRU students.

Key Highlights:

- Dr. NC Wadhwa addressed the students on the importance of tree plantation, emphasizing the role of trees in environmental sustainability.
- Participants took a Green Oath, pledging to plant more trees and actively protect the environment.
- The drive was supported by dignitaries, including the Dean of DSW-MRIIRS and the Deputy Director of MRIIRS, reinforcing the importance of community involvement in environmental initiatives.

Outcome :

The Mega Plantation Drive has yielded several positive outcomes, demonstrating its effectiveness and the commitment of all stakeholders involved:

- **Increased Awareness:** Participants, including MRites and government school students, have become more aware of environmental issues and are actively participating in sustainability initiatives.
- **Sustainable Practices:** The planting of approximately 5,000 plants annually at community locations promotes sustainable practices and encourages on-going environmental care.



- **Strengthened Community Bonds:** Collaborations among various organizations and institutions have strengthened community ties and fostered a shared vision of sustainability.
- **Long-term Environmental Benefits:** The initiative is expected to yield long-term benefits, including improved air quality, enhanced biodiversity, and a positive contribution to the local climate.

In conclusion, the Mega Plantation Drive serves as a vital effort toward environmental preservation, community engagement, and education. It not only addresses immediate ecological needs but also instills a lasting sense of responsibility in the younger generation toward nurturing and protecting the environment.

Student and Faculty Projects

Patent on Automated Weed Uprooting and Disposing Device (August 30, 2024): A patent was published for an *Automated Weed Uprooting and Disposing Device*, designed to assist in sustainable agricultural practices. This innovation addresses one of the pressing challenges in land and soil management by reducing manual labor, preventing excessive use of chemical herbicides, and promoting eco-friendly farming methods. The project reflects the active involvement of students and faculty in creating practical solutions for biodiversity conservation and sustainable land use. By aligning technological advancement with environmental responsibility, the initiative makes a direct contribution to SDG 15 – Life on Land.



MANAV RACHNA CENTRE FOR PEACE AND SUSTAINABILITY

Plantation Drive

Title: Plantation drive in front of hostel, Sector 21

Date: July 17, 2023

Venue: Sector 21c, Faridabad

On the 17th of July, 2023, a remarkable collaboration unfolded between the Dr. OP Bhalla Foundation and the Centre for Peace and Sustainability, culminating in a spectacular plantation drive at Sector 45, Faridabad. This eco-centric initiative took root just outside the newly inaugurated Off Campus Hostel, as volunteers from the Foundation, the MRCPS, and passionate students from DSW-MRIIRS and MRU converged to create a vibrant Green Belt in the heart of the community.

The day was not only marked by the physical act of planting trees but also by an uplifting address from Dr. NC Wadhwa, whose words resonated with the gathering. His insightful discourse emphasized the paramount significance of Tree Plantation, inspiring all present to take a heartfelt Green Oath—a commitment to nurturing our planet and safeguarding its precious environment.

The event was graced by esteemed personalities, including the Dean-DSW-MRIIRS, Dy. Director - MRIIRS, and the dedicated Team Foundation. Their presence added an extra layer of significance to the occasion, reinforcing the collective commitment towards a greener, sustainable tomorrow. As we march forward together on this journey, let's carry the spirit of tree planting and environmental stewardship with us. Together, through such initiatives, we can continue to make a positive difference in the world around us.





Planting saplings

Sustaini-verse Reel Competition on Nature

Title: Sustaini-verse reel competition on nature

Date: August 13, 2023

From August 10th to 13th, 2023, the Manav Rachna Centre for Peace and Sustainability (MRCPS) orchestrated a noteworthy event titled "SustainiVerse: Reel Making Competition for fostering Peace & Sustainability." This unique competition, held with the theme "Peace & Sustainability," provided a creative platform for individuals to use short video reels as a medium to promote eco consciousness, global peace, and unity.

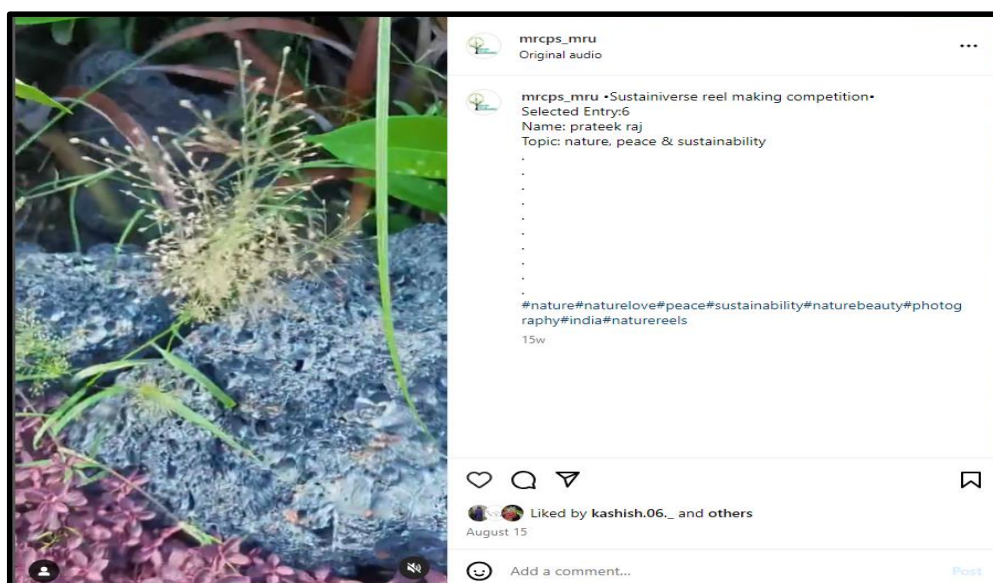
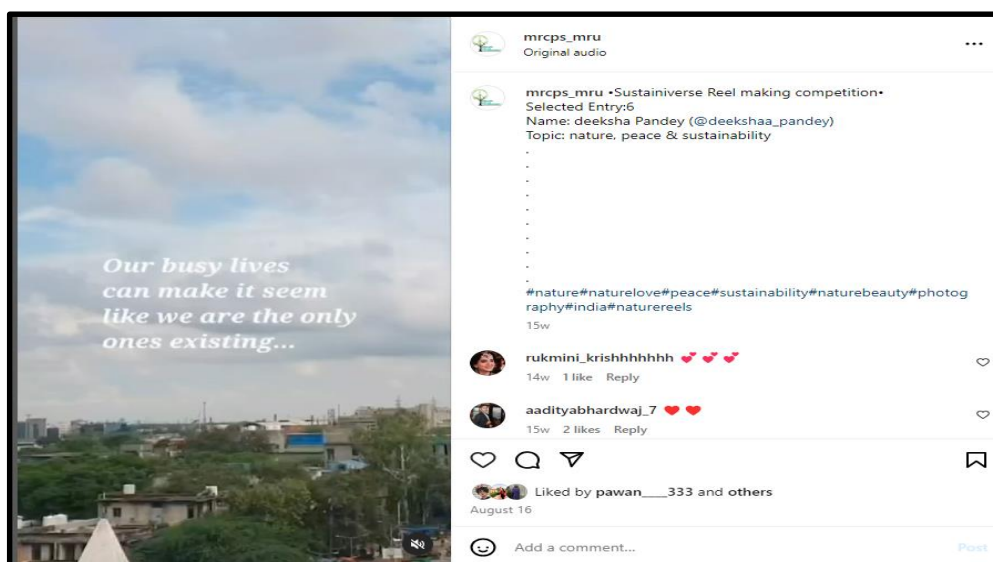
The competition aimed to inspire participants to channel their creative talents toward producing compelling video reels that convey the significance of peace and sustainability. These reels were designed to raise awareness and motivate positive action, contributing to the creation of a more environmentally responsible and harmonious world.

SustainiVerse showcased its commitment to empowerment by leveraging social media, intending to feature selected entries on MRCPS's official Instagram handle on August 14th. The winner would be determined based on the engagement received through likes and comments until midnight on August 16th, fostering a global connection and a sense of shared purpose.



In addition to the recognition of creative efforts, SustainiVerse offered participants the opportunity to earn "CLAN POINTS FOR ALL," introducing a friendly competitive element that encouraged teamwork and made the event more engaging and enjoyable. The top three winning entries were promised exciting prizes, while all participants would receive a certificate of participation, acknowledging their valuable contribution.

In conclusion, the SustainiVerse Reel Making Competition emerged as a remarkable initiative by MRCPS, emphasizing the power of creative expression in contributing to the causes of peace and sustainability. By fostering unity and inclusivity, the event conveyed the message that building a better, more sustainable world is a collective responsibility, with every individual capable of making a meaningful difference. The competition's emphasis on community, recognition, and engagement marked a significant step towards a greener and more harmonious future.



Responses from students



SCAVANGER HUNT- Exploring biodiversity in university campus while playing games

Title: Scavenger Hunt- Exploring biodiversity in university campus while playing games

Date: October 19, 2023

Venue: Central Lawn

Manav Rachna Centre for Peace and Sustainability's 'Project Khushi' stands out as a dedicated effort to contribute towards achieving United Nations Sustainable Development Goal 3 (SDG 3) – Good Health and Well-being. The Sadbhav team, in organizing heartening interactions at Pacific Mall, prioritized mental health discussions, thereby promoting a holistic approach to well-being. By addressing mental health concerns openly and spreading joy through smiles and hugs, the initiative actively supports the overarching goal of ensuring healthy lives and well-being for individuals within the community.

This intentional focus on SDG 3 underscores the organization's commitment to making a positive impact on public health, recognizing that mental well-being is a crucial component of overall health. 'Project Khushi' serves as a beacon, demonstrating how local initiatives can align with global sustainable development objectives. By fostering awareness and empathy around mental health, Manav Rachna Centre for Peace and Sustainability exemplifies how grassroots efforts contribute significantly to building a healthier and more resilient society, in line with the principles of SDG 3.

In conclusion, 'Project Khushi' not only spreads happiness but also plays a vital role in advancing the broader global agenda for health and well-being. Through this initiative, Manav Rachna Centre for Peace and Sustainability showcases the transformative power of community-driven actions in addressing specific Sustainable Development Goals, paving the way for a healthier and more connected world.





Students assembling for games



Animal Shelter Visit

Title: Animal Shelter Visit: To sensitize young generation for animals

Date: Feb 08, 2022

Venue: Shree Narayan Gaushala, Faridabad

On the 8th of February, volunteers from Manav Rachna's Centre for Peace and Sustainability (MRCPS), Vertical Sadbhav, embarked on a noble journey to Shree Narayan Gaushala for a day of service and harmony. The visit aimed to provide care and kindness to the gentle creatures residing in the Gaushala.

The significance of the Gaushala visit extends beyond a mere act of service. It embodies the core values of compassion, empathy, and responsibility towards all living beings. By providing care and nourishment to the cows, volunteers not only contributed to their immediate well-being but also reinforced the importance of animal welfare in our society. The visit served as an educational platform, offering insights into the daily operations of the Gaushala and highlighting the interconnectedness of all living beings in our ecosystem. Furthermore, it fostered a sense of community engagement, bringing together volunteers, caretakers, and the local community in a shared effort to promote harmony and compassion.

The Gaushala visit organized by MRCPS, Vertical Sadbhav was a resounding success, achieving its objectives of promoting animal welfare, raising awareness, and fostering community engagement.

Through collective efforts, volunteers provided nourishment and care to the cows, embodying the essence of kindness and compassion. As we reflect on this enriching experience, let us continue to support initiatives aimed at promoting the welfare of animals and fostering harmony in our society.





Title: World Environment Day

Date: September 1, 2023

Venue: Moujpur Village, Faridabad

Time: 10:00 A.M.

Purpose of the Event:

To address pressing environmental issues prevalent within the community. Recognizing the urgency of these concerns, the event sought to galvanize individuals to take tangible actions towards environmental stewardship and sustainability. Through a variety of engaging activities and initiatives, the event aimed to instill a sense of collective responsibility and empower participants to play an active role in preserving and protecting their natural surroundings.

About the Event:

On September 1, 2023, MSC Public School in Moujpur Village, Faridabad, successfully brought together the community to address pressing environmental issues. Through a combination of tree plantation, awareness workshops, clean-up campaigns, cultural programs, and an exhibition, the event not only educated but also inspired individuals to take positive actions for a greener and healthier planet. The commitment demonstrated by all participants is a testament to the potential for positive change when communities unite for a common cause. Event Overview: The event organized by MSC Public School encompassed a multifaceted approach towards addressing environmental issues. It featured a series of activities including tree plantation drives, awareness workshops, clean-up campaigns, cultural programs, and an exhibition. These diverse components were meticulously planned to engage participants of all ages and backgrounds, fostering a sense of unity and purpose within the community.

Tree Plantation Drive: One of the central pillars of the event was the tree plantation drive, where participants actively contributed to increasing green cover in their locality. Under the guidance of environmental experts and volunteers, numerous saplings were planted, symbolizing a collective commitment to combatting deforestation and promoting biodiversity.

Awareness Workshops: The event also included informative workshops aimed at educating attendees about various environmental issues and sustainable practices. Topics such as waste management, renewable energy, and conservation strategies were explored, empowering individuals with the knowledge needed to make informed choices in their daily lives.

Clean-up Campaigns: To address the immediate environmental challenges facing the community, clean-up campaigns were organized in public spaces and water bodies. Participants enthusiastically volunteered to remove litter and debris, restoring the natural beauty of their surroundings while instilling a sense of responsibility towards waste management and pollution prevention.

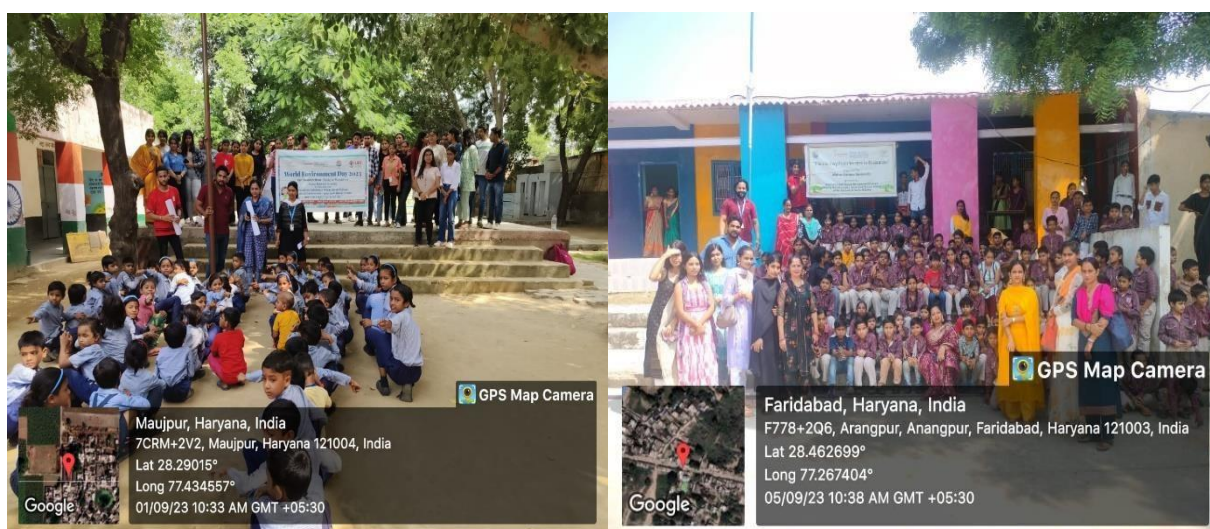
Cultural Programs and Exhibition: In addition to educational activities, the event featured cultural programs showcasing traditional performances and artistic expressions celebrating



nature and environmental stewardship. Furthermore, an exhibition was curated to showcase innovative solutions and success stories in environmental conservation, inspiring attendees with practical examples of positive change.

Impact and Conclusion: The collective efforts of MSC Public School and the community yielded tangible results, fostering a spirit of collaboration and activism towards environmental sustainability. Participants emerged not only enlightened but also inspired to take concrete actions towards preserving our planet for future generations. The success of this initiative serves as a testament to the transformative power of community-driven initiatives in addressing pressing environmental challenges.

In conclusion, MSC Public School's event on September 1, 2023, stands as a shining example of community action for environmental sustainability. By bringing together diverse stakeholders and fostering a culture of environmental responsibility, the initiative has laid the foundation for a greener and healthier future for Moujpur Village and beyond.



Teaching about Environment and Nature

Students celebrating World Environment Day at village school to spread awareness in communities



MANAV RACHNA UNIVERSITY

Declared as State Private University vide Haryana Act 26 of 2014



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RESEARCH PUBLICATIONS

Digital Consumer and Legal Compliances in Sustainable Ecosystem: Issues, Challenges and Road Ahead

Prof. (Dr) SK Bose	Digital Consumer and Legal Compliances in Sustainable Ecosystem: Issues, Challenges and Road Ahead
Dr. Aditi Chaudhary	
Dr. Ghazala Abidin	
Dr. Manisha Narula	
Dr. Yamini Atreya	
Ms. Simran Singh	

- Examines legal frameworks protecting digital consumers in sustainable ecosystems.
- Identifies challenges in e-commerce, data privacy, and regulatory compliance.
- Highlights gaps in enforcement and consumer awareness.
- Proposes policy measures for a secure and sustainable digital marketplace.

Impact Metrics

Key Performance Indicators (KPIs)

KPI Category	Indicator	2023–24 Outcome
Curriculum Integration	No. of courses embedding SDG 15 themes	3 core/bridge courses integrated
Community Engagement	No. of visits/activities linked to biodiversity	1 major shelter visit (Devshrya Animal Shelter)
Innovation & Research	No. of eco-innovation projects/patents	1 patent (Weed Uprooting Device)
Student Participation	No. of student volunteers in SDG 15 projects	100+ students engaged across activities
Awareness Activities	No. of SDG 15-linked events/workshops conducted	2 awareness/interaction sessions



Outcome Highlights (2023–24)

Impact Area	Evidence of Outcome
Animal Welfare	Students sensitized to biodiversity protection through animal shelter visits.
Eco-Innovation	Patent on eco-friendly weed uprooting device promotes sustainable farming.
Environmental Ethics	Courses mapped to SDG 15 themes strengthened awareness of land and biodiversity conservation.
Student Engagement	Over 100 students actively involved in biodiversity and sustainability initiatives.
Community Impact	Activities fostered empathy, ecological awareness, and responsibility toward life on land.

The impact of SDG 15-aligned initiatives at Manav Rachna University during AY 2023–24 reflects a strong commitment to biodiversity conservation, sustainable agriculture, and ecological awareness. Through curriculum integration, eco-innovation projects, animal shelter visits, and community engagement, the university enabled students to actively contribute to environmental stewardship and responsible living.

These KPIs and outcomes not only demonstrate alignment with the United Nations' SDG 15 targets but also establish MRU's institutional responsibility in safeguarding ecosystems, promoting sustainable land use, and nurturing ecological consciousness among future leaders.

Partnerships Addressing SDG 15

Memoranda of Understanding (MoUs) were signed between Manav Rachna University and various organizations to promote environmental sustainability through research, training, internships, and collaborative projects. The Manav Rachna Centre for Peace and Sustainability (MRCPS) partnered with local NGOs and institutes to conduct biodiversity awareness drives, tree plantation campaigns, and visits to animal shelters for sensitizing students. Collaborative research with industry and academic partners encouraged eco-innovation, including projects on sustainable agriculture and waste management. A notable outcome was the patent on an Automated Weed Uprooting and Disposing Device, jointly developed by faculty and students, to promote eco-friendly farming practices. By fostering partnerships in biodiversity conservation and sustainable land use, MRU equips students with practical knowledge, ecological sensitivity, and innovative skills that directly contribute to the goals of SDG 15 – Life on Land.



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NGOs with which MRU collaborated:



Yuvsatta Youth for Peace



Dr. O P Bhalla Foundation



Sahaj Path



Civil 20 India 2023



Yes We Can (NGO)



Innovation & Incubation Centre



Roshni Education Society, Faridabad



Khushi Ek Ehsaas NGO



Prakashdeep Trust Schools

Challenges and Lessons Learned

Institutional or External Challenges

Challenge Area	Details
Limited Long-Term Engagement	Animal shelter and biodiversity projects face continuity gaps due to funding and logistics.
Awareness Gaps	Not all students/faculty fully recognize SDG 15 linkages in their disciplines.
Resource Constraints	Large-scale environmental projects often face financial and manpower limitations.
Documentation Challenges	Biodiversity-related projects are less frequently tracked and mapped to SDG 15 indicators.
Community Outreach Hurdles	Field visits and ecosystem projects require permissions and collaboration with external bodies.



Reflections and Improvements Made

Area of Reflection	Improvement Action Taken / Planned
Curriculum Integration	Expanded curriculum mapping to embed ecosystem conservation in multiple courses.
Student Leadership	Students appointed as “SDG 15 Ambassadors” for leading campaigns and green drives.
Reporting Framework	Introduced structured reporting with SDG 15 tagging and biodiversity outcomes.
Collaborative Models	Partnering with NGOs and shelters for sustained engagement and continuity.
Scalable Initiatives	Shelter visits and plantation drives now designed for replication and scale-up.

Conclusion:

The journey toward addressing **SDG 15 – Life on Land** at MRU has highlighted the importance of environmental stewardship, innovative research, and community engagement. While challenges in resources and documentation remain, the integration of biodiversity-focused curriculum, eco-innovations, and field projects has created a strong foundation. Through partnerships, student leadership, and replicable models, MRU is strengthening its commitment to ecosystem protection and sustainable living.