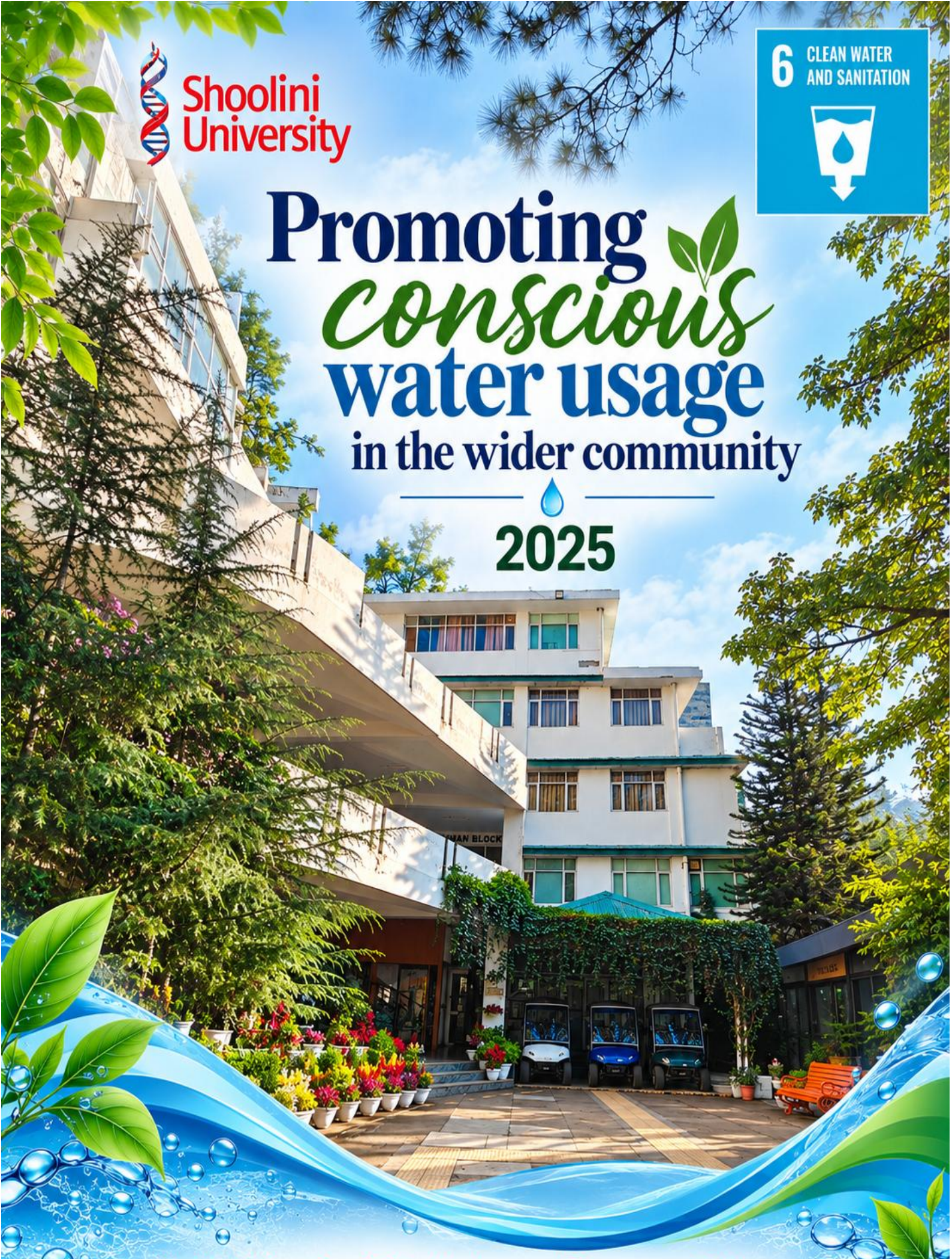
Shoolini University

6 CLEAN WATER AND SANITATION

Promoting conscious water usage in the wider community

2025



Shoolini University of Biotechnology and Management Sciences,
Solan, Himachal Pradesh, india-173229

6.5.7 Promoting conscious water usage in the wider community

Shoolini University promotes responsible water use and sustainable water management through awareness, education, research and community-oriented activities. The University encourages students, faculty and staff to adopt water-conscious practices and supports conservation through rainwater harvesting, wastewater treatment and reuse, groundwater recharge and efficient irrigation systems. These initiatives strengthen water awareness and contribute to the objectives of SDG 6 – Clean Water and Sanitation.

Through a blend of education, research, and community outreach, Shoolini University aims to cultivate awareness about the importance of water conservation and inspire behavioral change toward sustainable practices. The University's efforts are implemented through its Sustainability Cell, Eco Club, and National Service Scheme (NSS), which organize awareness drives, workshops, and training programs on topics such as rainwater harvesting, wastewater recycling, and efficient water use.

Awareness and Community Outreach Initiatives

Shoolini University promotes awareness of responsible water use through environmental education, sustainability activities and community-oriented outreach programmes. Students and faculty participate in activities that encourage conservation of natural resources, protection of local water bodies and responsible environmental practices. Community-oriented initiatives also provide opportunities to sensitise local stakeholders about water conservation and environmental cleanliness.

Table: Awareness activities for conscious water usage in wider community

S. No.	Event Title	Date	Venue
1	Clean Today, Green Tomorrow – An Empathetic Cleaning Drive at Ashwini Khad	22 November 2025	Ashwini Khad, Solan, Himachal Pradesh
2	Promoting Clean Water and Sustainable Water Practices in the Local Community	19 July 2025	Sanhol Gram Panchayat

3	Bisleri's Bottles for Change: Cleaning Drive at Shoolini University Nearby	22 April 2025	Local Communities Around Shoolini University
4	Walking Into a Greener Tomorrow: Campus Tour (Induction 2025)	21–23 August 2025	Shoolini University campus

Activity 1:

Clean Today, Green Tomorrow – An Empathetic Cleaning Drive at Ashwini Khad

Date: 22 November 2025

Venue: Ashwini Khad

Aligned with Sustainable Development Goals (SDGs): SDG 6 – Clean Water and Sanitation | SDG 11 – Sustainable Cities and Communities | SDG 13 – Climate Action

On 22nd November, volunteers of the National Service Scheme (NSS) undertook a meaningful cleaning drive at Ashwini Khad, driven by a shared sense of responsibility toward nature and the local community. The initiative aimed not only to clean the area but also to foster empathy toward the environment by highlighting the impact of human actions on natural ecosystems.

The volunteers actively engaged in the **collection and segregation of waste from water resources**, with a strong focus on removing plastic and other non-biodegradable materials that threaten water quality and harm aquatic life. As the drive progressed, participants observed firsthand how careless disposal of waste affects natural water bodies, reinforcing the importance of mindful and sustainable practices.

Beyond physical cleaning, the activity encouraged **reflection and dialogue** among volunteers about environmental degradation, water conservation, and the need for collective action. The drive served as a learning experience, reminding participants that protecting nature begins with awareness, care, and everyday choices. The shared effort strengthened teamwork and instilled a deeper sense of connection with the surroundings.

Local passersby and community members were also sensitized during the drive, as volunteers informally communicated the importance of maintaining cleanliness and respecting natural spaces. This interaction helped extend the message beyond the activity itself, encouraging broader community participation in environmental stewardship.

The cleaning drive at Ashwini Khad stood as a heartfelt reminder that **environmental care is an act of compassion**—for nature, for communities, and for future generations. Through this initiative, NSS reaffirmed its commitment to sustainable development, civic responsibility, and youth-led action, demonstrating how empathy and service can come together to create lasting positive change. No. of Volunteers: 40



Volunteers group photograph after natural water-resource clean-up



Clean-up activity at Ashwani Khud

Activity 2:

Promoting Clean Water and Sustainable Water Practices in the Local Community

Date: July 19, 2025

Shoolini University recognizes the importance of collaboration with local communities in promoting water security, environmental conservation, and sustainable management of natural resources. In this context, engagement with **Sanhol Gram Panchayat** provides an opportunity to strengthen community awareness and encourage responsible water-management practices in the surrounding region. These efforts align with **Sustainable Development Goal 6 (SDG 6)**

The key objectives of cooperation on water security with Sanhol Gram Panchayat include promoting awareness about water conservation, encouraging the protection of local water sources, and highlighting the importance of sustainable water use. The initiative also aims to encourage community participation in preventing water pollution and maintaining the cleanliness of natural water bodies.

Promoting water conservation awareness and encouraging households to adopt responsible water-use practices. The collaboration may also focus on protecting local water sources from pollution and improper waste disposal. Community engagement can be strengthened by involving students, local residents, and Panchayat representatives in water conservation and environmental awareness activities. Knowledge-sharing on rainwater harvesting, groundwater recharge, and sustainable water management can further encourage the conservation of water resources for future generations. Additionally, promoting proper waste management practices can help prevent the contamination of local water bodies**.**

Such cooperation can contribute to increased awareness of water security among local residents, improved understanding of water conservation practices, and stronger community participation in environmental protection. It can also encourage the adoption of sustainable approaches to water use and support the long-term protection of local water resources.

Shoolini University's engagement with Sanhol Gram Panchayat reflects an opportunity to strengthen university–community relations through environmental awareness and sustainable water-management initiatives. By encouraging knowledge-sharing and community participation, these efforts can support local water security and contribute to the objectives of SDG 6. Continued cooperation, supported by documented activities and evidence, can further strengthen these initiatives and promote a more water-conscious community.



Students and villagers attending the awareness session

Activity 3:

Bisleri's Bottles for Change: Cleaning Drive at Shoolini University Nearby

SDG 13: Climate Action & SDG 11: Sustainable Cities and Communities

Date: 22nd April 2025

On this special Earth Day, Shoolini University joined hands with Bisleri's "Bottles for Change" initiative to take a bold step towards a cleaner, greener campus. The drive was a powerful reminder that small actions, when taken together, can spark big changes.

"Bottles for Change" is more than just a cleanup—it's a movement that transforms how we think about plastic waste. Instead of discarding PET bottles and plastic waste, the initiative encourages us to collect, segregate, and recycle responsibly, turning what was once trash into valuable resources. This circular approach to plastic is vital for protecting our environment and reducing pollution.

On April 22, a dedicated group of students and volunteers scoured the campus surrounding, collecting plastic waste with energy and enthusiasm. Each bottle picked up was a step towards breaking the cycle of plastic pollution and building awareness about sustainable living.

The drive not only cleared the campus but also instilled a deep sense of responsibility and environmental consciousness in every participant. It was a beautiful collaboration of youth passion, community spirit, and corporate commitment, perfectly aligned with global efforts to promote responsible consumption and climate action.

As we walked through the campus, collecting plastic and sharing smiles, we became part of a larger story—one where every bottle collected is a bottle for change.



Students promoting environmental sustainability via creative awareness



Volunteer Efforts to Reduce Litter

Activity 4:

Walking Into a Greener Tomorrow: Campus Tour (Induction 2025)

SDG 3: Good Health & Well-being, SDG 4: Quality Education **SDG 6: Clean Water and Sanitation**, SDG 7: Affordable and Clean Energy, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, SDG 13: Climate Action & SDG 15: Life on Land

Date: August 21-23, 2025

The Campus Tour organized during Induction 2025 between 21st and 23rd August was carefully designed to introduce freshers to their new academic home while embedding within them a sense of responsibility towards the environment responsibility and sustainable water management. More than just an orientation walk, it was a guided journey into the sustainable heartbeat of the university, where students were introduced to water conservation, responsible water use, energy conservation, and other green initiatives across the campus. Through awareness messages and sustainability-focused interactions, the tour encouraged students to understand the importance of conserving water and adopting responsible water-management practices as part of their daily lives.

One of the most memorable stops on the tour was the Yogananda Library—a symbol of both learning and sustainability. Students were welcomed by colorful, student-friendly posters placed throughout the library, each carrying engaging messages on themes such as energy conservation, water management, and responsible consumption. Walking through the aisles, freshers were not only introduced to academic resources but also to the green principles guiding the campus. Beyond the library, the tour covered a series of sustainability-rich spaces across campus. At the solar rooftops, students learned how clean energy powers classrooms and laboratories. Students were introduced to the importance of water conservation, responsible water consumption, and sustainable water-resource management at Shoolini University. The initiative highlights the role of students in preventing *water wastage, maintaining hygiene, protecting natural water resources, and promoting awareness of clean water and sanitation*. The tour also provides an opportunity to familiarise new students with campus water-management practices, including wastewater treatment and water reuse, where demonstrated during the visit.

Adding a fun and interactive element, the orientation also included classic campus games such as tug-of-war and sack races. These activities fostered team spirit, encouraged collaboration among students, and offered a lighthearted way to reinforce the values of participation, fairness, and community engagement.

The impact of the tour was both immediate and lasting. Over 400 students actively participated on each day, with sustainability-themed photographs uploaded during the event. Nearly all participants pledged to adopt eco-friendly practices in their daily routines. The library posters, in particular, received special appreciation for making sustainability messaging both visually appealing and academically relevant, turning the library into not just a space of knowledge, but also of environmental awareness.

In conclusion, the Campus Tour of Induction 2025 successfully oriented students not just to the university's infrastructure but to its values. By highlighting spaces like the library, and green zones, and by making sustainability fun through creative posters and interactive activities, the tour helped freshers recognize that they are part of a campus community where environmental consciousness is a shared responsibility.



Ms. Poonam Nanda and student Engagement in Sustainability Awareness

Collaboration

Shoolini University partenerships demonstrate its commitment to strengthening water security through collaboration with local communities, government agencies, conducts training workshops on sustainable water management and research partners. Engagement with Healing Himalayas, Sanol Gram Panchayat, HIMCOSTE, and the Ministry of Jal Shakti reflects efforts to promote environmental awareness, protect water resources, and advance sustainable water management.

1. Local Government

I. Shoolini University Collaboration with Healing Himalayas:

Shoolini University collaborates with Healing Himalayas Foundation to promote environmental conservation and sustainability. The collaboration involves student participation in cleanliness drives, responsible waste management and environmental awareness initiatives. University students actively contribute to cleaning activities aimed at reducing waste and protecting the Himalayan ecosystem. The partnership also encourages responsible environmental practices and community engagement among young people. Through these initiatives, the University promotes social responsibility and sustainable development. The University has organized several joint activities with Healing Himalayas, including cleaning drives in Shimla and surrounding areas, as well as tree plantation initiatives. These activities provide students with practical opportunities to participate in environmental conservation and community service. The collaboration supports the University's commitment to the United Nations Sustainable Development Goals (SDGs), particularly SDG 13 (Climate Action) and SDG 15 (Life on Land). These activities reflect its commitment to environmental protection and a cleaner, greener future.

25th April 2025

Shoolini University,
Kausauli Hills,
Solan, Himachal Pradesh
173229

A NOTE OF APPRECIATION FOR VOLUNTEERING WITH HEALING HIMALAYAS

The addressed university is based in Himachal Pradesh since 2009, in Solan District. The private university aims to bring innovative dynamics in academic sector while following the virtues of honesty, compliance and integrity. The university considers its social responsibility along with reaching to its academic purpose. The students of the university are taught with a telos of raising learned and responsible youth of society.

The university has not left any stone unturned in educating their students to qualify with a sense of sensitivity towards society, its ecology and other agents thereby making students an example to other academic institutions. Since the past three years, Shoolini University has been participating and inculcating a habit of responsible Waste-Management among its students through active participation in the cleaning drives conducted by our organisation. The university bears immense enthusiasm in serving the environment. For every cleaning drive the university allow us number of volunteers from student community to ease our solid waste management. Together we aspire for a healthy and sustainable future of pupil/people.

The approach of the university has prima facie brought a responsible attitude among its students. The youth population is indeed an advantage but when the group becomes responsible it brings glory to an entire nation. No wonder Shoolini University has been one amongst the institutes which is contributing in bettering our tomorrow.

We appreciate the participation of the University for all these years and hope for more participation in forthcoming drives. It is to our delight that we get to experience such young and responsible participation from your students.

Thank You.
Pradeep Sangwan,
Founder-Healing Himalayas

HEALING HIMALAYAS
Registered Office: B-24,Anarkali Garden, Jagatpuri, New Delhi-110051
Contact No. +91- 9278626960, 7827097975
Email Address: Pradeep@healinghimalayas.org

Appreciation letter from Healing Himalyas



Volunteers during clean-up water resources

II. Shoolini University Collaboration with Sanol Gram Panchayat

Shoolini University engages with the local community, including Sanol Gram Panchayat, to promote environmental sustainability and responsible management of natural resources. Potential areas of cooperation on water security include raising awareness about water conservation, protecting local water sources, and encouraging responsible water use. Community awareness activities can highlight the importance of preventing water pollution and maintaining clean water bodies. Student and community participation can further strengthen local efforts toward sustainable water management. Such initiatives align with SDG 6: Clean Water and Sanitation and support long-term water security.

2. Regional Government

HIMCOSTE and Shoolini University signed an agreement

Shoolini University has signed a concessionaire agreement with the Himachal Pradesh Council for Science, Technology, and Environment (HIMCOSTE) to manage and curate the upcoming State Science Museum and Planetarium in Shimla, while also collaborating on water treatment and environmental sustainability initiatives. The partnership, signed in the presence of Chief Secretary Mr. Prabodh Saxena, aims to promote science education and practical learning through the establishment of the Centre for Science, Learning, and Creativity (CSLC) at Shoghi. Under this collaboration, both institutions will work jointly on wastewater treatment, water recycling, and sustainable innovation projects, aligning with national goals for clean water and climate resilience. This marks a major step toward integrating scientific education with environmental conservation in Himachal Pradesh.



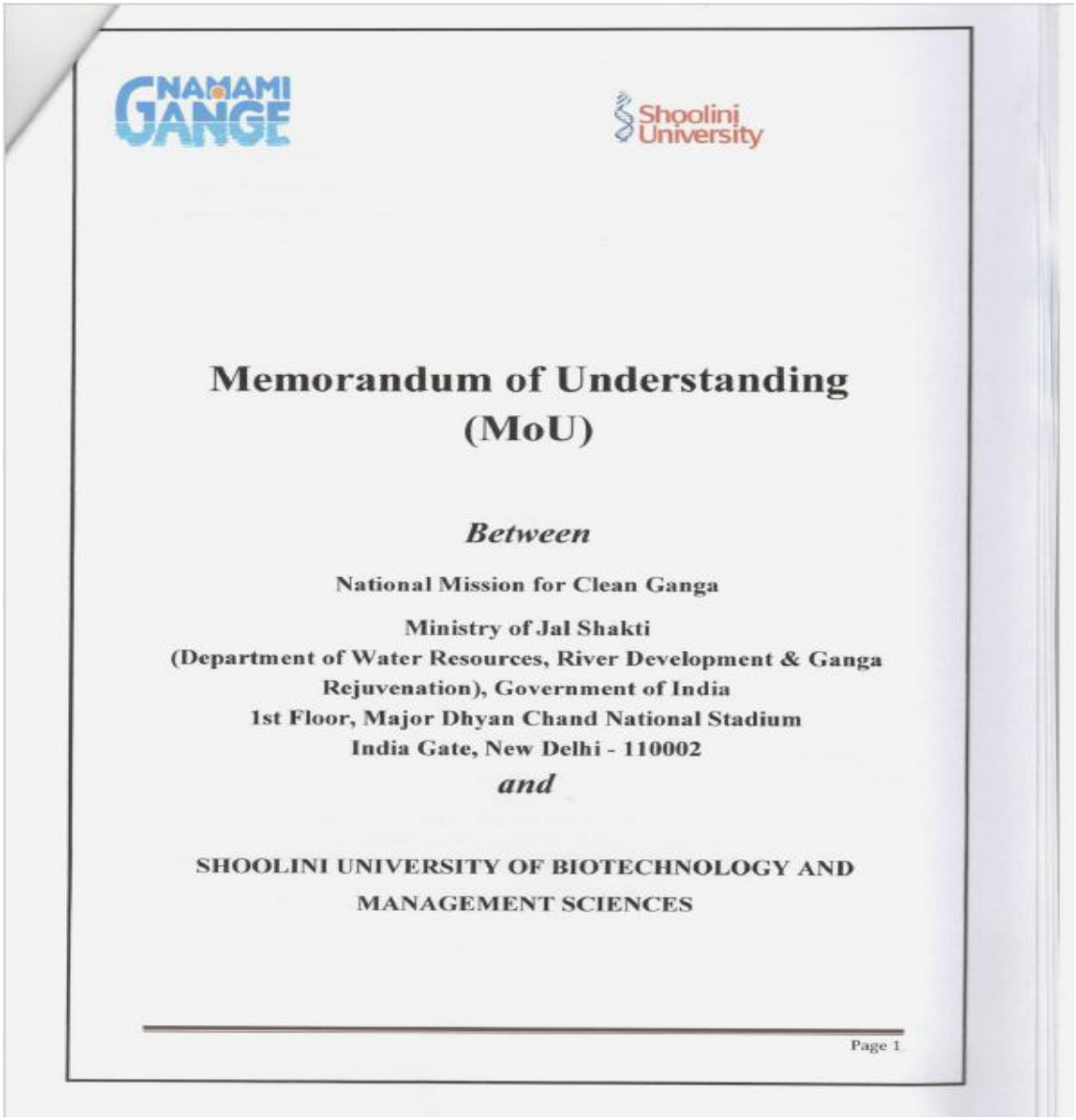
HIMCOSTE and Shoolini University Partner to Curate State Science Museum and Planetarium in Shimla

3. National Government

MoU signed with the Ministry of Jal Shakti

Shoolini University has developed strong collaborations with the Government of India to advance sustainable water management and conservation efforts. A key milestone in this direction is the Memorandum of Understanding (MoU) signed with the Ministry of Jal Shakti, which aims to promote efficient water resource management, conservation practices, and community awareness initiatives. Through this partnership, the university leverages its

academic expertise, research capabilities, and technological innovations to contribute to national priorities under flagship programs such as the Jal Shakti Abhiyan, Atal Bhujal Yojana, and the National Water Mission. This collaboration strengthens the university's role in driving evidence-based policy interventions and implementing sustainable solutions for water security at both regional and national levels.



NAMAMI GANGE

Shoolini University

Memorandum of Understanding (MoU)

Between

National Mission for Clean Ganga

Ministry of Jal Shakti
(Department of Water Resources, River Development & Ganga Rejuvenation), Government of India
1st Floor, Major Dhyan Chand National Stadium
India Gate, New Delhi - 110002

and

SHOOLINI UNIVERSITY OF BIOTECHNOLOGY AND MANAGEMENT SCIENCES

Page 1

Shoolini University MOU with Ministry of Jal Shakti

Centre for Science Learning and Creativity (CSLC) Science Museum, Shoghi, Shimla Workshop Highlight: Water Conservation and Rainwater Harvesting

CSLC, Science Museum, is operated and managed by Shoolini University, which oversees its functioning, activities, and related initiatives. Shoolini University hosted a week-long workshop on Water Conservation and Rainwater Harvesting in CSLC Science Museum, jointly

organised by EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme) and Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE). Throughout the week, participants engaged in informative sessions and practical activities focusing on water conservation, rainwater harvesting techniques, and their role in addressing water-related challenges amid changing climatic conditions. The workshop strengthened awareness of sustainable water management and encouraged participants to connect scientific knowledge with practical conservation measures. The initiative highlighted the importance of responsible water stewardship and collective action in protecting water resources, supporting SDG 6: Clean Water and Sanitation.



Group photographs of workshop held in CSLC Science Museum

Conclusion

Shoolini University demonstrates its commitment to water conservation and environmental sustainability through campus awareness initiatives, community engagement, and cleaning drives at Ashwini Khad and nearby areas. Activities such as *Promoting Clean Water and Sustainable Water Practices in the Local Community* and *Clean Today, Green Tomorrow* encourage responsible water use, pollution prevention, and the protection of local water resources. Campus initiatives further promote environmental awareness among students and staff. Collectively, these efforts support **SDG 6 (Clean Water and Sanitation)** by fostering

responsible water practices, community participation, and a culture of water stewardship. Continued monitoring, documented outcomes, and sustained community partnerships will strengthen the long-term impact of these initiatives.