

GD Goenka university initiative to promote conscious water usage within the wider community

GD Goenka University actively promotes conscious water usage within the wider community through initiatives like the polyhouse established by the School of Agriculture. This polyhouse serves as a research and knowledge-sharing center, focusing on innovative water conservation practices. It is a key component of the university's Center of Innovation and emphasizes sustainable agricultural techniques to reduce water usage in farming, a critical resource-saving measure in today's environment.

The polyhouse enables students, researchers, and local community members to learn about advanced water-saving technologies, such as drip irrigation, efficient soil moisture management, and controlled environment agriculture. Through demonstrations, workshops, and community outreach, GD Goenka University imparts water conservation knowledge to local farmers and residents, encouraging environmentally responsible practices. By showcasing real-life applications of these innovations, the university fosters a culture of sustainable water use, extending its impact beyond the campus and into the wider society.





Initiative To Promote Conscious Water Usage Within The Wider Community & Zero Hunger

School of Agricultural Sciences, GD Goenka University aim to prepare students to excel in the agricultural industry and make significant contributions to the sustainability, productivity, and innovation in agriculture.

Goal of SoAS:

The goal of SoAS, GD Goenka University for students is to provide comprehensive education and training in various aspects of agriculture and related fields. Here are some key goals of School for its students:

- Education and Skill Development
- To promote research and innovation to achieve sustainable development goals
- To motivate students for entrepreneurship and agribusiness
- Community Engagement activities and career development

In summary, the goal of an agriculture university for students is to provide a well-rounded education that equips them with the knowledge, skills, and values necessary to excel in the field of agriculture and contribute positively to the industry and society as a whole.

School of Agricultural Sciences, GD Goenka University encourage entrepreneurship among their students and also offer support/resources. Faculties of SoAS support their students till the setup of their business, and also provide consultancy throughout their struggle period. Students report their startup activities to department, directly contact expert from agricultural department. Faculties guide on the specific reporting requirements and any type of support. The students used to provide regular updates to the depart about their progress, achievements, challenges, and milestones. This used to be done through written reports, presentations, or meetings with faculty or advisors.

Regular mentorship and advice from professors or experts at department used to be provided as valuable insights to navigate the challenges of entrepreneurship. School of Agricultural Sciences also help students to explore opportunities for collaboration, such as using their facilities, research resources, or networking events. The following student-led startups reflect GD Goenka University's commitment to SDG 6 and water sustainability:

1) Mushroom Cultivation:

- Requires minimal water and uses controlled-environment systems.
- Encourages water-efficient indoor agriculture.

2) Azolla Cultivation

- A fast-growing biomass that requires very low water.
- Promotes sustainable fodder production without excessive irrigation.

3) Vermicomposting and Vermi-Wash

- Conserves water and avoids chemical runoff.
- Promotes safe, organic, non-polluting farming.

4) Post-Harvest Processing

- Encourages low-water post-harvest techniques and hygienic handling.

5) Pisci Culture (Fish Farming)

- Demonstrated using **treated water from campus STPs**, promoting wastewater reuse and supporting SDG Target 6.3.

6) Bee Keeping

- A nature-based, zero-water enterprise that supports ecological balance.

These startups highlight the School's role in promoting **sustainable, low-water, and environmentally responsible agricultural entrepreneurship.**



Mushroom Cultivation



Azolla Culture



Fish Farming/Pisci Culture



Vermicomposting



Organic Farming Practices

Awareness and Capacity-Building Programs

GD Goenka University extends its water conservation efforts beyond the campus through structured awareness initiatives targeting distinct community groups:

Housekeeping Staff

Practical training sessions emphasize optimal water use in daily cleaning activities, responsible tap usage, leak reporting, and the adoption of water-efficient cleaning techniques.

Nearby Villages

Outreach workshops led by the School of Agricultural Sciences and NSS volunteers focus on:

- Household-level water conservation
- Rainwater harvesting methods
- Safe drinking water practices
- Low-cost greywater reuse for home gardens

Faculty and Students

Regular campaigns, such as **Water Conservation Weeks**, seminars, and demonstrations on smart irrigation, ensure that sustainable water practices become an integral part of campus culture. These initiatives collectively advance **SDG Target 6.6**, which promotes community participation in sustainable water management.



Awareness and Capacity-Building Programs







Water reuse for home gardens