



# SARASWATI

## COLLEGE OF PHARMACY

Mohali, Punjab

### Annual Report – 2023–2024

#### SDG 11: Sustainable Cities and Communities

**Sustainable Development Goal 11 (SDG 11)** aims to make cities and human settlements inclusive, safe, resilient, and sustainable. It emphasizes improved infrastructure, sustainable resource management, disaster preparedness, accessibility, and the development of healthy communities.

**Saraswati College of Pharmacy** is committed to contributing to SDG 11 by fostering a sustainable, safe, and inclusive campus environment. The institution continuously works towards developing a green campus ecosystem that reflects the principles of environmental sustainability, accessibility, and community wellbeing.

The college maintains a clean and eco-friendly campus with well-planned infrastructure, proper waste management practices, and green landscaping. Initiatives such as tree plantation drives, water conservation measures, rainwater harvesting, and energy-efficient practices help in promoting environmental sustainability and improving the overall campus environment.

To support sustainable mobility, the campus encourages pedestrian-friendly pathways and controlled vehicular movement to ensure safety and reduce pollution. The institution also promotes eco-conscious practices among students and staff through awareness programs and campaigns.

The college ensures a safe and inclusive environment by providing essential facilities such as well-maintained classrooms, laboratories, safe drinking water, sanitation systems, and emergency preparedness measures. These facilities contribute to a secure and comfortable learning atmosphere for all stakeholders.

**Saraswati College of Pharmacy** actively participates in community development initiatives by engaging with nearby communities through awareness programs on health, hygiene, sanitation, and environmental protection. Activities such as cleanliness drives, health camps, water conservation awareness, and participation of NSS and eco-clubs help in promoting sustainable living practices beyond the campus.

From an academic perspective, the institution integrates sustainability concepts into pharmaceutical education through environmental awareness, healthcare outreach, and research activities. Students are encouraged to participate in projects and campaigns addressing public health, environmental protection, and community welfare.



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Through its green initiatives, responsible campus operations, and community engagement, **Saraswati College of Pharmacy** contributes effectively to achieving **SDG 11: Sustainable Cities and Communities**, ensuring a healthier, safer, and more sustainable environment for present and future generations.

### **Public Access to Buildings**

*(Aligned with SDG 11: Sustainable Cities and Communities)*

In alignment with **Sustainable Development Goal 11 (SDG 11)**, **Saraswati College of Pharmacy** has implemented effective measures to ensure inclusive, safe, and accessible infrastructure for students, staff, and the general public. The institution ensures that its buildings and facilities are designed and maintained to support equitable access for academic, administrative, and community-related activities.

### **Institutional Facilities**

The college provides well-developed infrastructure that is utilized for both institutional and community purposes, including:

- **Seminar Hall:**  
The seminar hall is regularly used for academic lectures, awareness programmes, workshops, guest sessions, and community-oriented events conducted by the institution.
- **Training and Skill Development Centre:**  
The institution facilitates training programmes, faculty development initiatives, and skill enhancement workshops for students and staff, contributing to capacity building.
- **Examination Facilities:**  
The college provides organized and well-managed examination infrastructure for internal and external examinations, ensuring a fair and accessible environment for all candidates.

### **Accessibility and Public Use**

All buildings within **Saraswati College of Pharmacy** are planned to ensure easy access and convenience for all users. The institution follows inclusive infrastructure practices with key features such as:

- Barrier-free access for persons with disabilities
- Smooth internal pathways for easy movement
- Adequate parking facilities for visitors and staff
- Clear signages and directions across the campus
- Clean, safe, and well-maintained premises suitable for academic and community gatherings



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The institution also allows its facilities to be utilized for community awareness programmes, health camps, and educational activities, thereby strengthening its role in supporting local development.



By ensuring public access to multi-purpose buildings, the district promotes inclusivity, community participation, and efficient public service delivery. These facilities are regularly utilized for official functions, training, examinations, and social events, thereby strengthening the district's commitment to sustainable and inclusive community development. The district's efforts in maintaining accessible and multi-functional public buildings align directly with the objectives of SDG 11 – Sustainable Cities and Communities. Through these initiatives, the district continues to provide safe, inclusive, and resilient infrastructure that benefits all citizens and supports overall social and economic development.



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### Sustainable Practices Targets

*(Aligned with SDG 11: Sustainable Cities and Communities)*

Saraswati College of Pharmacy is committed to promoting sustainable practices aimed at reducing the institutional carbon footprint and encouraging eco-friendly commuting habits among students and staff. The institution has established the following targets to enhance sustainable transportation and environmental responsibility:

#### Targets for Sustainable Commuting

- Promotion of Electric Vehicles (EVs):**  
The number of electric vehicles within the campus will be increased from **4 to 20 by the end of 2028**, encouraging the use of clean and green transportation.
- Expansion of Charging Infrastructure:**  
The number of EV charging stations will be increased from **2 to 5 by the end of 2028** to support the growing use of electric vehicles.
- Vehicle-Free Initiative:**  
The institution observes a **Vehicle-Free Day on the last working day of every week**, promoting reduced emissions and encouraging walking and cycling within the campus.
- Encouragement of Institutional Transport:**  
Students commuting from within an **80 km radius** are guided and motivated to utilize **college-provided transport facilities**, thereby reducing the number of individual vehicles on the road.
- Promotion of Hostel Accommodation:**  
The institution aims to increase the percentage of students residing in hostels from **75% to 90%**, minimizing daily travel and contributing to reduced carbon emissions.
- Encouraging Eco-Friendly Alternatives:**  
Students and staff are encouraged to use **bicycles for short-distance travel** and adopt **carpooling practices**, fostering a culture of shared and sustainable mobility.

#### Affordable Housing for Employees

*(Aligned with SDG 11: Sustainable Cities and Communities)*

Saraswati College of Pharmacy is committed to supporting the well-being of its employees by providing access to affordable and convenient housing facilities. The institution recognizes that safe and accessible accommodation contributes significantly to employee satisfaction, productivity, and overall quality of life.



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The college offers **on-campus and nearby residential facilities** for teaching and non-teaching staff at subsidized rates. These housing provisions ensure that employees can reside in close proximity to their workplace, reducing commuting time and promoting a balanced work-life



environment.

The staff residential facilities are equipped with essential amenities, including:

- Round-the-clock security for safety and well-being
- Continuous water supply
- Reliable electricity and power backup
- Internet connectivity
- Access to basic medical support and healthcare facilities



These initiatives help in fostering a strong sense of community within the campus while supporting sustainable living practices. By reducing travel requirements and enhancing convenience, the institution contributes to lowering carbon emissions and promoting a more sustainable campus ecosystem.

### **Pedestrian Priority on Campus**

*(Aligned with SDG 11: Sustainable Cities and Communities)*

**Saraswati College of Pharmacy** prioritizes pedestrian safety and promotes a walk-friendly campus environment as part of its commitment to sustainable and inclusive infrastructure.



The campus is designed with **well-planned pedestrian-friendly pathways**, enabling students, faculty, staff, and visitors to move conveniently between academic blocks, laboratories, and other facilities. These pathways ensure smooth and safe movement across the campus without congestion or inconvenience.

Key features of pedestrian infrastructure include:

- **Dedicated footpaths** along internal roads to ensure safe walking spaces
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- **Wide and obstruction-free walkways** connecting all major campus areas



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- **Restriction of motorized vehicles** in academic zones to prioritize pedestrian safety
- **Reduced noise and air pollution** through limited vehicular movement
- **Safe and comfortable environment** for all, including differently-abled individuals

The institution actively discourages unnecessary vehicle usage within the campus and encourages walking as a healthy and eco-friendly alternative. This initiative not only enhances safety but also contributes to environmental sustainability by minimizing carbon emissions and noise pollution.

### Local Authority Collaboration for Planning and Development

*(Aligned with SDG 11: Sustainable Cities and Communities)*

**Saraswati College of Pharmacy** actively collaborates with local governing bodies, municipal authorities, and industry partners to support sustainable planning and community development. These partnerships aim to enhance infrastructure, promote environmental sustainability, and improve the overall quality of life in the surrounding areas.

The institution participates in community-oriented initiatives such as health awareness programmes, sanitation drives, environmental campaigns, and educational outreach activities. It also promotes awareness of **Sustainable Development Goals (SDGs)** through seminars, workshops, public lectures, and extension activities.

Additionally, the college engages with industry and healthcare sectors through consultancy, training programmes, and collaborative projects that encourage sustainable practices, especially in areas of public health, environmental protection, and resource management.

### Planning Development – Sustainable Building Standards

**Saraswati College of Pharmacy** is committed to adopting energy-efficient and environmentally responsible infrastructure practices. The institution continuously upgrades its facilities to incorporate modern, sustainable technologies and reduce energy consumption.

#### 1. Energy-Efficient Equipment and Infrastructure

- The college prioritizes the use of **LED lighting, energy-efficient fans, and star-rated electrical appliances** to conserve energy.
- Conventional lighting systems are gradually being replaced with **LED bulbs and slim tube lights**, ensuring reduced electricity consumption.
- **Energy-efficient fans (such as BLDC fans)** and star-rated air conditioners are installed during replacement and upgradation.

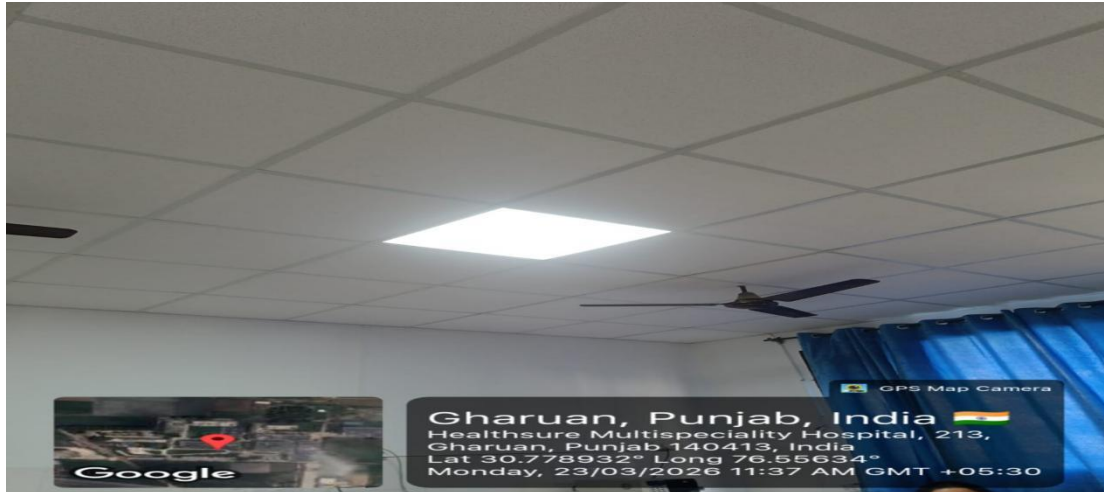


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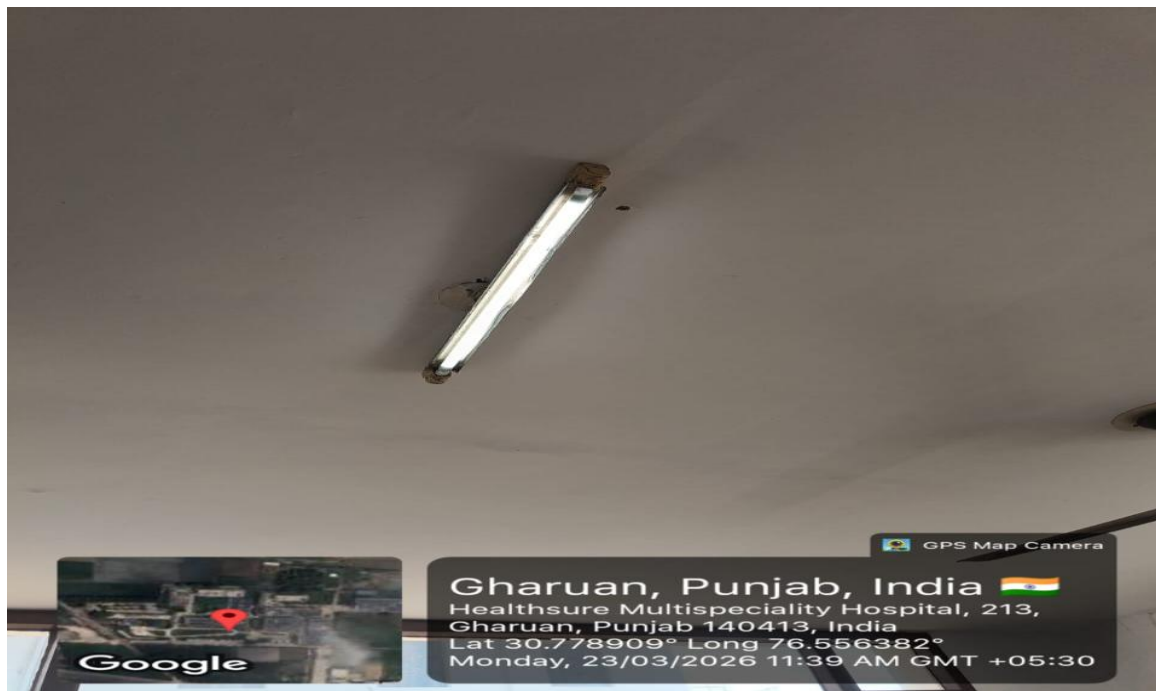
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- Power-efficient equipment is used across classrooms, laboratories, offices, and common



areas.



## 2. Smart and Sustainable Building Features

- All buildings are equipped with **adequate lighting and proper ventilation**, ensuring a comfortable and conducive teaching-learning environment.



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- **Fire safety measures** are implemented across the campus to ensure safety and compliance.
- Continuous **water supply facilities** are available in all academic and administrative buildings.
- **Smart monitoring systems**, including electricity usage tracking, help in minimizing energy wastage.
- Installation of **motion sensor systems** in selected areas helps reduce unnecessary energy consumption, especially in air-conditioned spaces.

Campus buildings are under **CCTV surveillance** to ensure safety and efficient monitoring.

### 3. Indoor Environmental Quality



- Classrooms and laboratories are designed to maintain **good indoor air quality, natural lighting, and proper aeration**. The use of energy-efficient systems significantly reduces carbon emissions and enhances sustainability

### Video Surveillance



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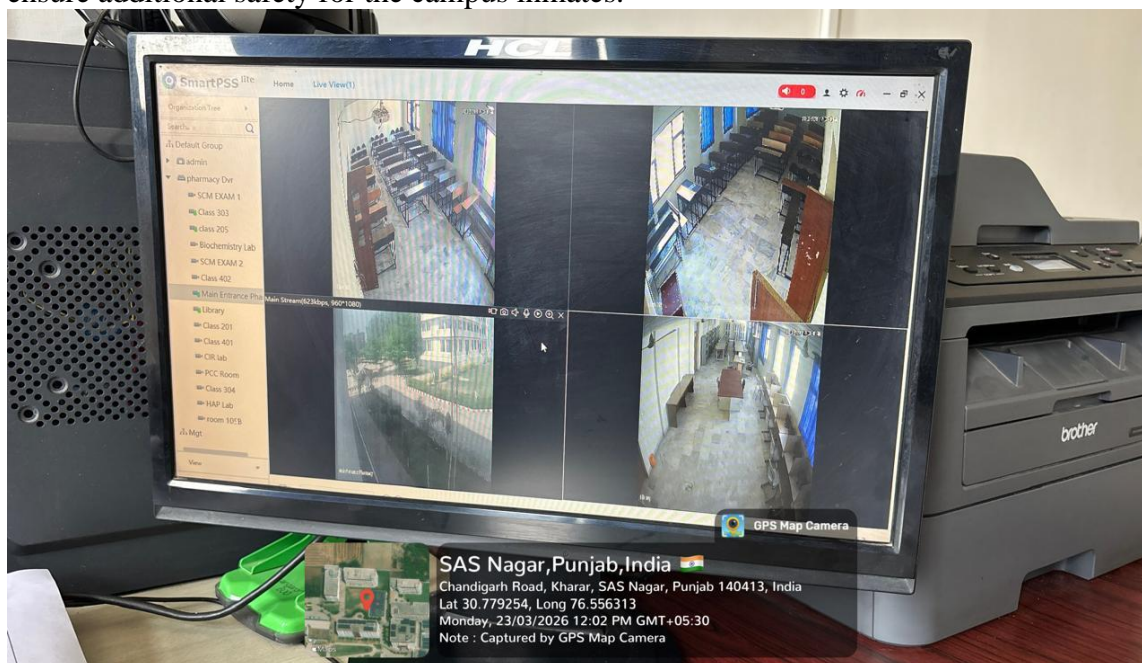
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Saraswati College of Pharmacy is a gated community with a single entry and exit point



manned 24x7 by security measures. 482 CCTV video cameras at all the locations on the campus, ensure additional safety for the campus inmates.



Sharing of Sustainability Practices and Learnings

*(Aligned with SDG 11: Sustainable Cities and Communities)*



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Saraswati College of Pharmacy actively promotes the sharing of its sustainability practices, experiences, and learnings with other institutions, stakeholders, and the wider community. The institution believes that knowledge dissemination and collaborative efforts are essential for achieving sustainable development goals.

### **Institutional Initiatives for Knowledge Sharing:**

The college regularly organizes and participates in various academic and outreach activities to spread awareness and best practices related to sustainability:

- **Seminars, Workshops, and FDPs (Faculty Development Programmes):**  
The institution conducts programmes on environmental sustainability, public health, waste management, and energy conservation. These events are often open to participants from other institutions and organizations.



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INTERNATIONAL YOGA DAY



YOGA

INTERNATIONAL YOGA DAY



YOGA



### Student Clubs and Eco-Club Activities:

NSS units and eco-clubs actively organize awareness drives, campaigns, poster presentations, and competitions focused on sustainability, water conservation, cleanliness, and green practices.



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- **Community Outreach Programmes:**  
The college engages with local communities through health camps, sanitation drives, awareness rallies, and environmental campaigns. These initiatives help in transferring sustainable practices beyond the campus.



### Campus Visits and Exposure:



The institution welcomes visitors, students, and stakeholders to observe its sustainable campus practices such as waste management systems, green landscaping, and water conservation initiatives.



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### Carbon Footprint Concept

The carbon footprint of the institution refers to the total greenhouse gas (GHG) emissions generated directly and indirectly from campus activities, including:

- Electricity consumption
- Transportation (students, staff, and institutional vehicles)
- Laboratory and equipment usage
- Waste generation and disposal

### Current Status

At present:

- The institution does not have a formal system for detailed carbon footprint calculation and public disclosure.
- However, several environment-friendly practices are implemented to reduce emissions indirectly.



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Electricity Consumption



Transportation

### The Carbon Footprint of the Institution



GHG Emissions from Campus Activities



Laboratory & Equipment Usage



Waste Generation & Disposal

## Environmental Sustainability Measures and Carbon Footprint Management

### Green Campus Development

- Regular tree plantation drives
- Maintenance of green landscaping and gardens
- Promotion of biodiversity within campus

### Energy Conservation Measures

- Use of LED lighting systems to reduce electricity consumption
- Encouragement of energy-saving practices (switch-off campaigns)
- Optimization of laboratory and classroom energy usage

### Water Conservation Practices

- Implementation of rainwater harvesting systems
- Awareness programs on water conservation



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- Efficient water usage in campus facilities

### Orphanage Visit

|                               |   |
|-------------------------------|---|
| <b>Objective of the event</b> | The visit aimed to provide a practical platform for community engagement, allowing students to step outside their academic environment and contribute positively to the lives of underprivileged children. It was also intended to raise awareness about the role of social welfare in personal and professional development and to foster a culture of giving back to society. |
| <b>Outcome of the event</b>   | The visit was a resounding success, achieving its objectives on multiple fronts. The students engaged in a variety of activities, bringing immense joy and laughter to the children. The interaction provided a meaningful learning experience for the students, teaching them valuable lessons in compassion and gratitude.  |
| <b>Event/Activity Report</b>  |   |



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Saraswati College of Pharmacy organized a heartwarming visit for its 5th-semester B. Pharmacy students to the Jyoti Sarup Kanya Asra Society orphanage in Kharar on Saturday, September 7, 2025. The group, comprising around 40 students, departed from the college at 1:30 PM, filled with enthusiasm for the day's activities. Upon arrival, they were warmly welcomed by the orphanage staff and the children, who were eagerly waiting to greet them. The students had prepared various activities, including games, songs, and storytelling sessions, which led to an afternoon of laughter and camaraderie. The students also distributed essential supplies, stationery, and small gifts, which they had collectively arranged. The visit concluded with a farewell session where the orphanage management expressed their heartfelt gratitude for the students' thoughtful gesture. The experience left a lasting impression on everyone, reinforcing the importance of social outreach and community service as an integral part of holistic education.



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Kharar, Punjab, India  
Ajit Enclave, Hno 39, Randhawa Road, New Hari Enclave,  
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