



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

(Accredited by NAAC with 'A++ Grade')

Approved by AICTE, Ministry of Education, Government of India

Recognized by UGC under Section 2(f) of the UGC Act, 1956

Appendix-I

SUSTAINABLE DEVELOPMENT GOALS (SDG) POLICY

1. Preamble

The United Nations Sustainable Development Goals (SDGs) provide a universal framework for inclusive, equitable, and sustainable development. As a technical and professional education institution, Swami Keshvanand Institute of Technology, Management & Gramothan Jaipur recognizes its responsibility to contribute actively towards achieving the SDGs through education, research, innovation, and community engagement.

2. Objectives of the Policy

The objectives of this SDG Policy are to:

- Align institutional policies with SDGs.
- Integrate SDG principles into curriculum, pedagogy, assessment, and research.
- Promote sustainable campus practices and ethical governance.
- Support Program Outcomes (POs).
- Contribute to institutional values, best practices, and societal impact.

3. Scope

This policy applies to:

- All academic programs (UG, PG, and Research)
- Teaching–learning and evaluation processes
- Research, innovation, IPR, and entrepreneurship activities
- Administrative and governance systems
- Infrastructure, facilities, and campus operations
- Extension, outreach, and community development programs

4. SDG Priority Areas

The Institute shall prioritize the following SDGs while contributing to others where applicable/possible:

- **SDG 1 - No Poverty**
- **SDG 2 - Zero Hunger**
- **SDG 3- Good Health and Well Being**

- **SDG 4 – Quality Education**
- **SDG 5 – Gender Equality**
- **SDG 6 – Clean Water and Sanitation**
- **SDG 7 – Affordable and Clean Energy**
- **SDG 9 – Industry, Innovation, and Infrastructure**
- **SDG 13 – Climate Action**
- **SDG 17 – Partnerships for the Goals**

5. Policy Statements

5.1 Curriculum and Teaching–Learning

- Embed SDG-related outcomes in course objectives and outcomes.
- Introduce interdisciplinary courses, electives, and projects on sustainability.
- Encourage experiential learning, internships, and capstone projects addressing SDG challenges.

5.2 Research, Innovation, and Consultancy

- Promote SDG-oriented research, funded projects, publications, and patents.
- Encourage startups and innovations through incubation centers aligned with SDGs.
- Foster collaborations with industries, NGOs, and government agencies.

5.3 Student Development and Extension Activities

- Integrate SDGs into NSS, Unnat Bharat Abhiyan, and other outreach programs.
- Encourage student clubs and professional societies to organize SDG-focused activities.
- Promote leadership, ethics, and social responsibility among students.

5.4 Campus Sustainability and Green Practices

- Implement renewable energy, energy-efficient systems, and green buildings.
- Promote water conservation, rainwater harvesting, and waste management.
- Encourage plastic-free, paperless, tobacco/drug free and eco-friendly campus initiatives.

5.5 Governance, Ethics, and Inclusivity

- Ensure transparent, participatory, and accountable governance.
- Promote gender equity, inclusivity, accessibility, and social justice.
- Uphold ethical practices in academics, research, and administration.

6. Implementation Framework

- **Establish an SDG Cell / Sustainability Committee under IQAC.**
- Assign SDG responsibilities at department and program levels.
- Integrate SDG indicators into institutional planning and OBE processes.
- Allocate budget and resources for SDG-related initiatives.

7. Monitoring, Assessment, and Continuous Improvement

- Define **Key Performance Indicators (KPIs)** aligned with SDGs.
- Conduct annual reviews through IQAC and departmental committees.
- Use feedback, audits, and outcome assessments for continuous improvement.
- Document best practices and achievements for NAAC/NBA accreditation.

8. Awareness and Capacity Building

- Organize FDPs, workshops, seminars, and awareness programs on SDGs.
- Celebrate national and international sustainability-related days.
- Encourage faculty and student participation in SDG forums and competitions.

9. Policy Review and Amendment

This policy shall be reviewed periodically by the IQAC/Academic Council to ensure compliance with **NAAC, NBA, AICTE, and national education policies**. Amendments shall be approved by the competent authority.

The Government of India has entrusted the responsibility to Institute of higher education to ignite the minds of young students for effective implementation of sustainable development goals (SDGs). Our Institute has effectively taken steps in this direction to implement some of the SDGs through educating the students through modifying the current curriculum, innovation, research, leadership and engagement activities. Some of the activities and actions already initiated in the implementation SDGs are summarized below.

SDG 1 - No Poverty

- (1) Scholarship-Institute every year support financially, weak but meritorious students by providing them scholarship /freeship to the tune of Rs 10.00 lakh.
- (2) Provide additional books to the students of BPL category from the book bank.
- (3) During the annual festival of the Institute every year students from the school located in the slum area are invited and prizes are awarded to meritorious students as recommended by the school authorities.
- (4) Every year during the annual fast students collect clothes and distribute to the needy people.
- (5) Institute has provided jobs to the physically challenged people.

SDG 2 - Zero Hunger

- (1) Students are motivated not to waste food. Every day left over food in the students' mess is weighed and displayed in dining hall for awareness.
- (2) Students are served balanced food under clean, hygienic condition.
- (3) During COVID pandemic, food packets were distributed to the needy people by the institute.
- (4) Solar dryer based on hot air circulation has been developed to increase the shelf life of vegetables and fruits.

SDG 3- Good Health and Well Being

- (1) Games and Sports are promoted on a large scale. The Institute has volleyball, basketball, tennis, cricket, kabaddi, football grounds. It also has a world class indoor stadium which houses four badminton grounds, three table tennis tables and other indoor games for recreation of students.
- (2) Institute every year organized state level tournaments, University tournaments and in-house tournaments in almost all games.

- (3) Institute has separate gyms in boys' and girls' hostels. It also has a gym in indoor stadium and one gym on the campus for people who live around the Institute.
- (4) Every year students participated in the Swachh Bharat Mission.
- (5) A separate cell has been created for counselling students.
- (6) Awareness programmes are organized against drug addiction to reduce frustration, to reduce depression and to build self-confidence.
- (7) Blood Donation camp on a very large scale is organized every year in which a large number of students (both boys and girls), faculty and staff donate their blood voluntarily.
- (8) Yoga is promoted. Yoga Instructor guides the students and faculty in learning Yoga. Yoga day is celebrated every year on 21st June.
- (9) Institute has provided health cover to all its employees.
- (10) Campus has been made free from smoking chewing of tobacco etc.
- (11) Awareness almost road safety is created by organizing talks.

SDG 4 – Quality Education

- (1) Great Emphases has been laid to provide quality education to all irrespective of their caste, sex and background.
- (2) SDG related courses are included in curriculum and also in the list of audit courses.
- (3) Focus is on skill development, leadership quality, communication skill etc.
- (4) Entrepreneurship, innovation and start –up activates are encouraged.
- (5) Institute facilitates the faculty by awarding cash prize and certificate on teacher's day for publishing quality research papers.
- (6) Institute has created extra facilities for students to improve communication skills, personality development, leadership quality through participation in hobby clubs.
- (7) Students are guided for their future career through mentor-mentee systems. Three different system have been implemented Batch Counsellor system, placement counselling system NPTEL SWAYAM Mentoring system.

SDG 5 – Gender Equality

- (1) Institute pursues the policy of gender quality, the ratio of male to female faculty is almost equal.
- (2) To empower woman, the Institute grant maternity leave, child care leaves to female faculty and staff over and above normal leave.
- (3) Institute provided feel safe environment to all women and girls.

SDG 6 – Clean Water and Sanitation

- (1) R.O Plants have been installed in all the academic blocks on all the floors, in the hostels and at other important locations so that everyone provided pure, clean drinking water. The waste water from ROs is recycled and used for watering the plants.
- (2) The water tanks and ROs are cleaned and properly maintained at regular intervals.
- (3) Incineration machines have been installed in the girl's hostel to dispose of sanitary towels.

SDG 7 – Affordable and Clean Energy

- (1) Institute generated 900 kW of electricity from solar energy. 400 kW is generated using roof top solar PV system on their campus and 500 kW is generated at Kola (Bikaner) which is fed into the grid and used in the institute.
- (2) This saves.....tons of greenhouse gases.
- (3) Courses on renewable energy sources have been introduced at UG and PG level.
- (4) Old inefficient lighting systems have been replaced by more efficient LED lighting systems.

SDG 8 – Decent work and Economic Growth

- (1) Institute has incubation cell and entrepreneurship cell to encourage students to become entrepreneur by running their own start up.
- (2) Institute is creative IDEA lab where students can convert their ideas into startups.

SDG 13- Climate Action

- (1) Institute has made the entire campus green by planting fruit bearing and other trees, over which variety of birds in thousands reside. Every year students participate in tree plantation activities not only on the campus but in nearby schools and adopted villages.
- (2) Waste water is recycled and used for watering the plants and lawns.
- (3) Rain water from roof top is collected and stored in three large underground tanks. Surplus rain water is used for recharging the underground water level.
- (4) 900 kW of electricity is generated using roof top solar PV modules which saves natural resources coal and reduce carbon emissions.
- (5) Single use plastic has been completely eliminated.
- (6) Solid waste both bio-degradable and metallic are stored and disposed of. Paper waste and metallic waste are sent for recycling.