

SUSTAINABLE DEVELOPMENT GOALS (SDG) POLICY



**IPS ACADEMY
INSTITUTE OF ENGINEERING &
SCIENCE, INDORE**
(A UGC Autonomous Institute, Affiliated to RGPV)



1. Preamble

IPS Academy, Institute of Engineering and Science, Indore, recognizes its responsibility as a higher education institution to contribute to the achievement of the United Nations Sustainable Development Goals (SDGs) under the 2030 Agenda for Sustainable Development. As an autonomous engineering institution committed to excellence in technical education, research, innovation, and social responsibility, the institute strives to integrate the principles of sustainability into its academic, research, administrative, and community engagement activities. This policy establishes a structured framework for aligning institutional strategies, initiatives, and practices with the 17 SDGs, promoting environmental stewardship, social equity, economic development, and responsible governance. Through continuous improvement, stakeholder participation, and outcome-based assessment, the institute aims to make measurable contributions to sustainable development at the institutional, local, national, and global levels.

2. Objectives

- To integrate Sustainable Development Goal (SDG) principles across academic programs, curriculum design, teaching–learning processes, and pedagogical practices.
- To promote SDG-aligned research, innovation, entrepreneurship, and technology development to address societal and environmental challenges.
- To develop and maintain sustainable, accessible, and inclusive campus infrastructure through resource efficiency, energy conservation, waste management, and environmental protection.
- To engage students and faculty in community development, social outreach, and environmental initiatives aligned with relevant SDG targets.
- To promote gender equality, equal opportunities, women’s empowerment, and women’s leadership in Science, Technology, Engineering, and Mathematics (STEM) fields.
- To strengthen collaborations with industry, government agencies, reputed Indian and international universities, research institutions, and other stakeholders for the implementation of SDG-related initiatives.

- To establish mechanisms for measuring, monitoring, evaluating, and reporting institutional progress and outcomes against relevant SDGs and their targets.
- To foster awareness of sustainability, responsible citizenship, ethical practices, and environmental and social responsibility among students, faculty, staff, and other stakeholders.
- To encourage the adoption of sustainable practices in institutional governance, procurement, resource utilization, and day-to-day operations.

3. Institutional Commitment

- The Institute is committed to integrating the United Nations Sustainable Development Goals (SDGs) into its governance, academic, research, and institutional development activities. To achieve this commitment, the Institute shall:
- Governance and Monitoring: Establish appropriate governance mechanisms to oversee, monitor, and evaluate the effective implementation of SDG-related initiatives.
- Innovation and Research: Promote innovation, interdisciplinary collaboration, and socially relevant research addressing local, national, and global sustainability challenges.
- Transparency and Accountability: Ensure transparency, accountability, and systematic documentation through periodic monitoring and reporting of SDG-related activities and outcomes.
- Annual Review and Continuous Improvement: Review and update institutional SDG strategies annually to assess progress, identify gaps, and implement necessary improvements.
- Resource Allocation: Allocate adequate financial, human, technological, and infrastructural resources to support the effective planning and implementation of SDG initiatives.

4. Governance Structure

4.1 SDG Steering Committee

The Institute shall constitute an SDG Steering Committee to provide strategic direction, coordinate institutional initiatives, monitor progress, and ensure the effective implementation of Sustainable Development Goals (SDGs) across academic, administrative, research, and outreach activities.

4.2 Composition of the Committee

Position	Designation
Chairperson	Principal
Coordinator	Senior Faculty Member
Members	All Deans
Members	All Heads of Departments
Member	NSS and NCC Officer
Member	Entrepreneurship Cell Coordinator
Member	Administrative Staff Representative
Members	Student Representatives

4.3 Roles and Responsibilities

The SDG Steering Committee shall undertake the following responsibilities:

1. Strategic Planning: Formulate, review, and approve annual SDG action plans aligned with institutional priorities and sustainability objectives.
2. Monitoring and Evaluation: Periodically assess institutional progress using defined Key Performance Indicators (KPIs) and measurable sustainability outcomes.

3. **Interdepartmental Coordination:** Facilitate cross-departmental collaboration, interdisciplinary initiatives, and effective sharing of institutional resources.
4. **Stakeholder Engagement:** Foster partnerships with government agencies, industries, academic institutions, NGOs, and community organizations to strengthen SDG-related initiatives.
5. **Documentation and Reporting:** Ensure systematic documentation, monitoring, and reporting of SDG-related activities, achievements, and institutional contributions.
6. **Continuous Improvement:** Recommend corrective measures and improvements based on periodic assessments to strengthen institutional sustainability practices.

5. Meetings and Review Mechanism

The Committee shall meet at least twice in an academic year to review the implementation of SDG initiatives. Minutes of Meetings (MoM), Action Taken Reports (ATR), and annual progress reports shall be maintained to ensure transparency, accountability, and continuous improvement.

6. Implementation Framework

The Institute shall implement its Sustainable Development Goals (SDG) Policy through a systematic framework encompassing academic integration, research and innovation, sustainable campus operations, community engagement, monitoring, resource allocation, and stakeholder participation.

6.1 Academic Integration

The Institute shall integrate sustainability principles and SDG-related themes into teaching-learning processes through the following initiatives:

- Incorporate SDG-related themes into course assignments, micro-projects, laboratory experiments, and practical activities.
- Encourage students to undertake projects addressing real-world environmental, social, economic, and sustainability challenges.

- Promote interdisciplinary learning through hackathons, seminars, workshops, technical competitions, and experiential learning activities.
- Map relevant Programme Outcomes (POs) and Course Outcomes (COs) with applicable SDGs to strengthen outcome-based education and sustainability awareness.
- Encourage departments to identify and document the contribution of their academic activities towards relevant SDGs.

6.2 Research and Innovation

The Institute shall promote research, innovation, and entrepreneurship addressing local, national, and global sustainability challenges through the following measures:

- Encourage faculty and student research aligned with SDG priorities, including clean energy, sustainable infrastructure, smart cities, waste management, water conservation, environmental protection, and healthcare.
- Facilitate innovation and entrepreneurship through the Institution's Innovation Council (IIC), Innovation & Entrepreneurship Development Cell (IEDC), incubation facilities, and other institutional initiatives.
- Promote interdisciplinary research and the development of sustainable technologies addressing societal and industrial needs.
- Establish collaborations with industries, research organizations, academic institutions, and government agencies for developing impactful and sustainable solutions.
- Encourage research publications, patents, technology transfer, and socially relevant innovations contributing to SDG achievement.

6.3 Sustainable Campus Operations

The Institute shall progressively adopt environmentally responsible practices to develop a resource-efficient and sustainable campus.

Key initiatives shall include:

- Promote renewable energy generation and utilization through suitable installations, including solar power systems.

- Strengthen water conservation measures through rainwater harvesting, efficient water utilization, and wastewater management.
- Implement waste segregation, recycling, composting, and responsible disposal of different categories of campus waste.
- Promote plastic-free campus initiatives and implement environmentally responsible Green Event Protocols.
- Conduct periodic energy, water, and environmental audits to assess resource efficiency and identify opportunities for improvement.
- Encourage green landscaping, biodiversity conservation, sustainable transportation, and environmentally responsible campus development.

6.4 Community Engagement and Social Responsibility

The Institute shall encourage active participation of students, faculty, and staff in community-oriented initiatives contributing to sustainable and inclusive development.

Activities shall include:

- Organize community outreach programmes, including food distribution, blood donation camps, health awareness drives, cleanliness campaigns, and environmental awareness activities.
- Promote village adoption and community development initiatives focusing on capacity building, digital literacy, education, sanitation, and sustainable livelihoods.
- Conduct gender sensitization, mental health awareness, climate awareness, and social inclusion programmes through NSS, NCC, student clubs, and institutional committees.
- Encourage student participation in community-based projects addressing local sustainability challenges.
- Collaborate with local authorities, Panchayats, NGOs, and community organizations to strengthen the social impact of institutional initiatives.

7. Monitoring, Evaluation and Reporting

- The SDG Steering Committee prepare an Annual SDG Action Plan with clearly defined objectives, activities, responsibilities, and measurable Key Performance Indicators (KPIs).
- A centralized SDG Data Repository maintained to systematically document all SDG-related initiatives, activities, achievements, supporting evidence, and measurable outcomes.
- Institutional progress periodically benchmarked against relevant national sustainability indicators, applicable NIRF frameworks, NBA accreditation requirements, and recognized green campus practices.
- An Annual SDG Report prepared, summarizing key initiatives, performance indicators, achievements, resource utilization, and their environmental and societal impact.
- Upload report on the institutional website and include evidence in NBA SAR Criterion 9.11. Disseminate achievements through appropriate media.

8. Resource Allocation

The Institute shall make appropriate financial, human, technological, and infrastructural provisions to facilitate effective implementation of SDG-related initiatives.

An institutional budget is also proposed to be earmarked for SDG-related initiatives, subject to approval by the competent institutional authority and applicable financial provisions.

Resources shall support academic initiatives, research and innovation, green campus development, community engagement, capacity-building programmes, and sustainability monitoring activities.

9. Capacity Building and Stakeholder Engagement

The Institute shall promote sustainability awareness and active stakeholder participation through structured capacity-building initiatives.

9.1 Faculty Development

Conduct at least one annual awareness or Faculty Development Programme (FDP) focusing on SDG integration into curriculum development, teaching-learning practices, research, and institutional activities.

9.2 Student Training

Organize SDG orientation programmes, sustainability workshops, social innovation activities, hackathons, and community-based learning opportunities to strengthen students' understanding of sustainable development.

9.3 External Collaboration

Develop partnerships with industries, NGOs, Panchayats, government agencies, academic institutions, and research organizations for collaborative SDG initiatives, knowledge sharing, and community development.

10. Policy Review and Continuous Improvement

The SDG Policy shall undergo a comprehensive review once every three years by the SDG Steering Committee, considering implementation outcomes, institutional performance indicators, stakeholder feedback, and emerging sustainability practices.

Annual implementation progress shall also be reviewed to identify improvement opportunities and recommend necessary corrective measures. Any amendments to the policy shall be submitted for approval to the Principal and Governing Body to ensure its continued relevance, effectiveness, and alignment with institutional objectives.

11. Conclusion

The SDG Policy of IPS Academy, Institute of Engineering & Science, Indore, reflects its institutional commitment to integrating sustainability, inclusivity, environmental responsibility, and social development into engineering education, research, innovation, and campus operations.

Aligning institutional practices with the United Nations 2030 Agenda for Sustainable Development, National Education Policy (NEP) 2020, and relevant accreditation and quality assurance frameworks, the institute strives to develop technically competent, socially responsible, ethically conscious, and environmentally aware engineering professionals capable of contributing meaningfully towards a sustainable future.

Approved By: Principal, IPS Academy, Institute of Engineering and Science

Prepared By: SDG Policy Committee, Reviewed By: SDG Steering Committee

Date of Effect: July 2025, Next Review: June 2027

Prepared by

Internal Quality Assurance Cell (IQAC)

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