



**Annasaheb Dange College of Engineering and Technology,
Ashta, Tal. Walwa, Dist. Sangli, MS, 416301**

An empowered autonomous institute affiliated with Shivaji University, Kolhapur.
[Accredited by NAAC with A++, Cycle Second]



Date: 26/03/2026

Policy on Education for Sustainable Development (ESD)
(Integrating Sustainability into Education, Research, Innovation and Institutional Practices)

1. Preamble:

Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, recognizes that higher education institutions have a significant responsibility in preparing graduates capable of addressing contemporary environmental, social and economic challenges through knowledge, innovation and responsible professional practice.

Aligned with the United Nations Sustainable Development Goals (SDGs), the National Education Policy (NEP) 2020, the principles of Outcome-Based Education (OBE), and the vision of sustainable institutional development, ADCET is committed to integrating Education for Sustainable Development (ESD) across its academic ecosystem and institutional practices.

The Institute believes that sustainability is not an additional academic requirement but an integral dimension of teaching-learning, research, innovation, campus development, governance and community engagement. Sustainability principles shall therefore be embedded into institutional planning, academic processes and operational practices to create responsible professionals capable of contributing to a sustainable and resilient society.

2. Policy Statement

ADCET is committed to embedding the principles of Education for Sustainable Development (ESD) across its academic programmes, research, innovation, institutional governance, campus operations and community engagement.

The Institute shall promote responsible education, sustainable resource management, innovation-driven solutions and environmental stewardship so that sustainability becomes an integral component of institutional culture and continuous quality enhancement.

3. Objectives

This policy aims to:



- Integrate sustainability principles into academic programmes wherever appropriate.
- Promote interdisciplinary learning, systems thinking and experiential learning.
- Encourage sustainability-oriented research, innovation, consultancy and entrepreneurship.
- Strengthen community engagement through technology-enabled and socially relevant interventions.
- Foster responsible utilisation of natural resources and environmentally sustainable campus practices.
- Promote renewable energy adoption and efficient resource management.
- Build institutional capacity through faculty development and stakeholder participation.
- Contribute towards achieving relevant Sustainable Development Goals through education, research, innovation and outreach.
- Promote continual improvement in institutional sustainability performance through periodic assessment and review.

4. Scope

This policy applies to all academic programmes, departments, faculty members, staff, students, administrative units and institutional activities of Annasaheb Dange College of Engineering and Technology (ADCET), Ashta.

5. Institutional Framework for Implementation

To achieve the objectives of this policy, ADCET shall promote sustainability through the following institutional initiatives.

5.1 Academic Programmes

The Institute shall encourage academic departments to:

- Integrate relevant sustainability concepts into curriculum design, revision and delivery wherever appropriate.
- Incorporate SDG perspectives into suitable courses and learning activities.
- Promote interdisciplinary, experiential and project-based learning.
- Encourage sustainability-oriented case studies, laboratory work, field activities and design projects.
- Promote value-based education that develops ethical and environmentally responsible professionals.

5.2 Research, Innovation and Entrepreneurship

The Institute shall:

- Encourage research addressing environmental, social and economic sustainability challenges.
- Promote interdisciplinary research and innovation.
- Support consultancy, patents, technology development and entrepreneurship contributing towards sustainable development.
- Encourage student innovation, hackathons and problem-solving initiatives aligned with sustainability.



5.3 Community Engagement

The Institute shall:

- Promote extension activities addressing local and regional sustainability challenges.
- Encourage application of academic knowledge for community development.
- Undertake awareness programmes related to environmental conservation, water management, waste management, renewable energy and climate action.
- Strengthen collaborations with industries, government agencies, professional bodies and civil society organizations for sustainable development.

5.4 Sustainable Campus

ADCET shall continue to strengthen sustainable campus management through:

- Energy conservation and efficient utilization of energy resources.
- Promotion of renewable energy technologies.
- Water conservation and responsible utilization of natural resources.
- Scientific waste management following the principles of Reduce, Reuse and Recycle.
- Green campus initiatives including biodiversity conservation and enhancement of green cover.
- Digital governance for minimizing paper consumption and improving resource efficiency.
- Promotion of sustainable transportation and environmentally responsible campus practices wherever feasible.
- Conducting Green Audits ordinarily once every two years to assess environmental performance and identify opportunities for continual improvement.
- Conducting Energy Audits ordinarily once every three to five years to evaluate energy utilization, improve energy efficiency and strengthen institutional energy management practices.
- Implementing feasible recommendations emerging from sustainability assessments and institutional audits.

5.5 Faculty Capacity Building

The Institute shall promote continuous professional development through:

- Faculty Development Programmes.
- Workshops and seminars.
- Collaborative learning initiatives.
- Training programmes related to sustainability and emerging technologies.
- Participation in professional bodies and national or international sustainability initiatives.

The reference booklet encompassing the detailed information and formats will be prepared and provided in A.Y. 2026-2027.



6. Roles and Responsibilities

Institute

The Institute shall:

- Provide strategic direction for implementation of Education for Sustainable Development.
- Integrate sustainability into institutional planning and quality assurance.
- Facilitate interdisciplinary collaboration and partnerships.
- Promote faculty development.
- Encourage sustainability-oriented research and innovation.
- Support community engagement.
- Allocate resources for implementation of sustainability initiatives.
- Recognize and disseminate institutional best practices.

Academic Departments

Academic Departments shall:

- Identify sustainability opportunities relevant to their disciplines.
- Integrate SDG perspectives into curriculum and academic activities wherever appropriate.
- Encourage interdisciplinary learning and collaborative projects.
- Promote sustainability-oriented research, consultancy, innovation and outreach.
- Document departmental sustainability initiatives for continuous improvement.

Faculty Members

Faculty members shall:

- Integrate sustainability concepts into relevant courses.
- Design meaningful learning experiences addressing sustainability challenges.
- Encourage student participation in projects, research, innovation and extension activities.
- Contribute towards institutional sustainability initiatives.
- Participate in continuous professional development related to sustainability.

Students

Students are encouraged to:

- Participate actively in sustainability-related academic and extracurricular activities.
- Undertake projects addressing societal and environmental challenges.
- Practice responsible utilization of resources.
- Contribute to green campus and community initiatives.



7. Institutional Review and Continuous Improvement

ADCET recognizes that Education for Sustainable Development is a continuous process of institutional learning and improvement. Implementation of this policy shall be reviewed periodically through the Institute's established academic and quality assurance mechanisms. The Institute shall also review the findings and recommendations emerging from Green Audits, Energy Audits and other sustainability assessments. Wherever feasible, these recommendations shall be incorporated into institutional planning and continuous quality improvement initiatives.

This policy shall ordinarily be reviewed every **three years** to ensure its continued relevance and effectiveness. A review may also be undertaken earlier in response to significant changes in statutory regulations, national policies, accreditation requirements, institutional priorities or global sustainability frameworks.

8. Expected Outcomes

Implementation of this policy is expected to:

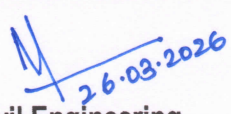
- Foster a culture of sustainability across the Institute.
- Develop graduates capable of addressing environmental, social and economic challenges.
- Strengthen interdisciplinary learning and responsible innovation.
- Improve environmental performance through efficient resource utilization.
- Enhance adoption of renewable energy and sustainable campus practices.
- Promote meaningful community engagement.
- Strengthen institutional contribution towards Sustainable Development Goals.
- Support continuous quality enhancement aligned with national and international educational frameworks.

9. Institutional Declaration

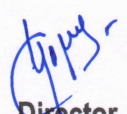
Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, affirms that sustainability is a shared institutional responsibility and an essential component of academic excellence, responsible governance and societal development.

The Institute is committed to integrating the principles of Education for Sustainable Development across its teaching-learning processes, research, innovation, community engagement and institutional operations. Through responsible leadership, stakeholder participation and continual improvement, ADCET shall strive to create an environmentally responsible, socially inclusive and economically sustainable institutional ecosystem.

By adopting this policy, the Institute reaffirms its commitment to nurturing competent professionals who combine technical excellence with ethical values, environmental stewardship, innovation and social responsibility, thereby contributing meaningfully towards a sustainable, resilient and inclusive society.


HoD, Civil Engineering




Director