



# **BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT**

(An Autonomous Institution affiliated to VTU, Belagavi)

Yelahanka, Bengaluru-560 119

## **Policy for Integration & Implementation of Sustainable Development Goals - 2025**

### **1. Introduction**

- The institution adopts the United Nations Sustainable Development Goals as a guiding framework for academic delivery, research, campus operations, governance, and community engagement. The SDG Policy integrates environmental sustainability, social responsibility, ethical governance, and inclusive growth into all institutional functions.
- This policy aligns with national and regulatory frameworks including NEP 2020, AICTE Model Curriculum, UGC Guidelines, NAAC Quality Indicators, and NBA Accreditation requirements. Environmental protection and resource conservation form a foundational component of the SDG implementation strategy.

### **2. Objectives**

- Embed sustainability and environmental responsibility across curriculum, research, and operations.
- Strengthen the institution's contribution to SDGs through measurable actions.
- Create a culture of environmental responsibility, ethical practices, and community service.
- Foster ethical practices, social inclusion, and community development.
- Build partnerships with industries, government bodies, and local communities.
- Ensure periodic monitoring and reporting through IQAC and Academic Council.
- Reduce environmental impact and institutional carbon footprint.
- Promote responsible use of natural resources such as water and energy.
- Encourage innovation and research addressing sustainability challenges.

### **3. Scope**

- Applies to all programs, departments, faculty, non-teaching staff, students, research centers, and administrative offices.
- Covers academic processes, R&D, campus management, outreach, and governance.

## **POLICY FRAMEWORK**

### **➤ Curriculum Development and Teaching**

- Integrate SDG topics in the curriculum through dedicated modules, value-added courses, and learning activities.
- Map course outcomes to SDG indicators when appropriate for relevant SDGs.
- Encourage faculty to include real-world case studies, environmental issues, social problems, and learning activities related to SDGs.
- Promote MOOCs (SWAYAM, NPTEL, Coursera) related to sustainability.
- Environmental topics such as climate change, waste management, renewable energy, water conservation, and sustainability ethics are to be integrated across disciplines.
- Conduct faculty development programs on sustainability-related pedagogies.
- Conduct student development programs on sustainability-related competencies and experiential learning.

### **➤ Research, Consultancy, and Innovation**

- Promote R&D aligned with SDGs, including renewable energy, water treatment, waste management, smart mobility, digital health, machine learning applications in sustainability, and social innovation.
- Prioritize funding proposals linked to SDG themes and national missions such as Atal Innovation Mission, DST, SERB, DRDO, and AICTE schemes.
- Strengthen incubation and innovation support for start-ups addressing SDG challenges.
- Encourage faculty and students to publish research articles addressing SDG indicators and societal impact.
- Promote consultancy and technology transfer to local bodies, MSMEs, and community groups.
- Conduct conferences and Hackathons for both Students and Faculty addressing the SDGs.

### **➤ Campus Sustainability and Environmental Operations**

#### **Energy and Climate Action**

- Improve energy efficiency through LED lighting, energy-efficient equipment, and building management systems.
- Conduct periodic energy audits and implement recommendations.
- Install and expand renewable energy systems such as rooftop solar and solar water heaters.

## **Water Conservation and Management**

- Implement rainwater harvesting and groundwater recharge systems.
- Promote water-efficient fixtures and regular monitoring of water consumption.
- Treat and reuse wastewater for gardening, flushing, and non-potable applications.

## **Waste and Resource Management**

- Enforce segregation of waste at source into biodegradable, recyclable, and hazardous categories.
- Compost organic waste from hostels, canteens, and landscaping.
- Ensure authorized recycling of paper, plastic, metal, e-waste, and biomedical waste.
- Maintain strict laboratory chemical management practices, including safe storage, labelling, segregation, and disposal through authorized facilities.
- Minimize single-use plastics and promote reusable alternatives.

## **Green Campus and Biodiversity**

- Enhance green cover through plantation of native and climate-resilient species.
- Maintain gardens, biodiversity parks, herbal gardens, and medicinal plant zones.
- Protect indigenous flora and fauna and avoid invasive species.
- Involve students and staff in plantation drives and biodiversity documentation.

## **Sustainable Mobility**

- Encourage walking, cycling, public transport, and carpooling.
- Promote electric vehicles and EV charging infrastructure.
- Reduce travel emissions through digital meetings and online platforms.

## **➤ Student Development and Engagement**

- Encourage student participation through clubs such as NSS, NCC, Rotaract, Eco Club, Energy Club, and IIC.
- Promote internships, community-based projects, and industry-sponsored challenges linked to SDGs.
- Organize awareness drives on environment, health, gender equity, digital inclusion, and ethical leadership.
- Recognize student achievements related to sustainability and social impact through awards and credits.



- Encourage participation in national events such as Hackathon / Ideathon / Project Competitions with SDG focus.

➤ **Community Outreach and Social Responsibility**

- Partner with local panchayats, municipalities, schools, and NGOs to address community-level SDG problems such as sanitation, energy efficiency, low-cost housing, digital literacy, and health awareness.
- Conduct capacity-building programs for rural communities, women's groups, farmers, and schoolteachers.
- Promote volunteer work through Eco Club, NCC and NSS camps viz, awareness activities, blood donation drives, food distribution, and environmental activities etc.
- Offer technical support to local government bodies for computer literacy, smart village and sustainable infrastructure projects.

➤ **Governance, Monitoring, and Reporting**

- Include representatives from faculty, students, administration, and external experts.
- Develop measurable indicators aligned with NIRF, NAAC and NBA parameters.
- Prepare annual SDG performance reports covering curriculum integration, research output, campus sustainability, outreach activities, and measurable impact.
- Review Environmental performance indicators such as energy usage, renewable share, water reuse, waste diversion, green cover, and air quality trends.
- Review is undertaken by IQAC, and final report is submitted to Academic Council.
- Publish highlights of SDG achievements on the institution website.

➤ **Review and Continuous Improvement**

- Review policy periodically to ensure relevance and effectiveness.
- Receive Feedback from stakeholders and audited outcomes should be used for corrective actions.
- Ensure compliance with statutory environmental and educational regulations.



**Principal**