

# **SDGs POLICY**



Lakireddy Bali Reddy College of Engineering  
(Autonomous)  
Mylavaram – 521230

## **1. Preamble**

Lakireddy Bali Reddy College of Engineering (LBRCE) recognizes its responsibility as a Higher Education Institution to contribute actively to the United Nations Sustainable Development Goals (SDGs – 2030 Agenda).

The institution integrates sustainability principles into academics, research, campus operations, innovation, and community engagement, in alignment with NEP-2020, NAAC, NBA, and NIRF sustainability indicators.

## **2. Policy Objectives**

### **LBRCE aims to:**

- Promote quality, inclusive, and skill-oriented education (SDG-4)
- Encourage green energy adoption and energy efficiency (SDG-7, SDG-13)
- Ensure water conservation and sanitation (SDG-6)
- Implement responsible waste management and circular economy practices (SDG-12)
- Progress towards a low-carbon / net-zero campus
- Foster SDG-based research, innovation, and entrepreneurship
- Extend sustainability awareness to society and local communities

## **3. Governance & Implementation Framework**

- SDG Implementation Committee
- Department-level SDG Coordinators
- Student bodies: Prakruthi Environmental Club, NSS, NCC, IIC, CIIE
- Annual SDG Action Plan and Review

## **4. SDG-Focused Policy Statements & Implementation**

### **4.1 SDG-4: Quality Education**

LBRCE integrates sustainability, ethics, and social responsibility into curriculum, pedagogy, and experiential learning.

#### **Implementation:**

- Environmental Science & sustainability-related courses
- Project-Based Learning on real-world SDG problems
- FDPs, workshops, MOOCs, internships

### **4.2 SDG-7 & SDG-13: Green Energy & Climate Action**

**LBRCE commits to clean energy adoption and climate-friendly practices.**

#### **Implementation:**

- 700 kW Solar PV plant on campus
- Energy conservation measures (LEDs, efficient appliances)
- Green Energy Technology Centre (GETC)
- Student & faculty projects on renewable energy

#### **4.3 SDG-6: Water Conservation**

**LBRCE ensures sustainable water usage and conservation.**

##### **Implementation:**

- Rainwater harvesting structures
- Wastewater recycling and reuse
- Water audits and awareness programs

#### **4.4 SDG-12: Reduce, Reuse, Recycle**

**LBRCE practices responsible consumption and waste minimization.**

##### **Implementation:**

- Waste segregation and composting
- Plastic-free campus initiatives
- Paper recycling through ITC-WOW
- E-waste disposal through authorized agencies

#### **4.5 SDG-8 & SDG-9: Innovation & Entrepreneurship**

**LBRCE promotes sustainable innovation and entrepreneurship.**

##### **Implementation:**

- Centre for Innovation, Incubation, and Entrepreneurship (CIIE)
- Institution Innovation Council (IIC)
- Startups and student innovation projects
- Research, patents, consultancy in green technologies

#### **4.6 SDG-11 & SDG-17: Sustainable Communities & Partnerships**

**LBRCE extends sustainability beyond campus.**

##### **Implementation:**

- NSS and NCC outreach programs
- Environmental awareness rallies
- Village adoption activities

### **5. Monitoring & Reporting**

- Green, Energy, and Environmental Audits
- SDG indicators included in AQAR, NIRF, IQAC reports

- Continuous improvement through reviews

**Evidence Matrix: Policy → Activity → SDG → Document**

<b>Policy Area</b>	<b>Implementation Activity at LBRCE</b>	<b>SDG(s)</b>	<b>Evidence / Document</b>
Quality Education	Environmental Science, sustainability courses	SDG-4	Curriculum & syllabus
Quality Education	SDG-based student mini & major projects	SDG-4	Project reports
Green Energy Policy	700 kW Solar PV installation	SDG-7, SDG-13	Energy policy, solar bills
Green Energy Policy	Green Energy Technology Centre (GETC)	SDG-7	Lab & centre details
Climate Action	Energy audit & green audit	SDG-13	Audit reports
Water Conservation	Rainwater harvesting systems	SDG-6	Infrastructure photos
Water Conservation	Wastewater recycling & reuse	SDG-6	Water audit report
Waste Management	Composting of biodegradable waste	SDG-12	Green audit records
Waste Management	Plastic-free campus drives	SDG-12	Circulars, photos
Waste Management	Paper recycling with ITC-WOW	SDG-12	Certificates, reports
Reduce Resource Use	LED lighting & energy-efficient devices	SDG-7	Purchase & audit data
Net-Zero Initiative	Tree plantation & green landscaping	SDG-13	Plantation records
Research & R&D	Renewable energy & sustainability research	SDG-7,9,13	Publications
Innovation	SDG-based student startups & IIC activities	SDG-8,9	IIC reports
Outreach	NSS plastic-free & water awareness rallies	SDG- 11,12	NSS activity reports
Community Engagement	Environmental awareness programs	SDG-11	Outreach documentation

### **Conclusion**

LBRCE demonstrates policy-driven, evidence-based implementation of SDGs through curriculum integration, green infrastructure, sustainable operations, research, innovation, and community outreach—clearly aligning institutional practices with national and global sustainability goals.

The Institute shall continuously review and update the approved policy and is committed to its implementation.

### **Policy History:**

<b>Version</b>	<b>Approved by</b>	<b>Implementation and Monitoring by</b>
V1.0(Original)	20th Meeting of GB held on 31-01-2026	Dean (Academics)