

# TALAT SHIKSHAN MANDAL'S TALAT B.ED. COLLEGE

## GREEN AUDIT AND ENERGY AUDIT REPORT

(As per NAAC Criteria 7 – Institutional Values and Best Practices)

### Institutional Profile

- **Name of Institution:** Talat Shikshan Mandal's Talat B.Ed. College
- **Established Year:** 2008
- **Affiliation:** Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar
- **Campus Area:** 2 Acres
- **Built-up Area:** 3513 Sq. Meters
- **Management:** Talat Shikshan Mandal

### Vision and Mission of the College

**Vision:** To develop competent, committed, and socially responsible teachers equipped with knowledge, skills, and values to meet the challenges of modern education and contribute to nation-building.

#### Mission:

- To provide quality teacher education through innovative teaching-learning practices.
- To promote research, environmental awareness, and community engagement.
- To inculcate human values, leadership qualities, and professional ethics among student-teachers.
- To create an eco-friendly and sustainable learning environment.

### Objectives of the College

1. To impart professional and value-based teacher education.
2. To prepare teachers who can respond to the diverse needs of learners.
3. To promote innovation and technology integration in education.
4. To inculcate environmental consciousness and social responsibility.
5. To encourage research, extension, and community service.
6. To maintain a sustainable, green, and energy-efficient campus.
7. To ensure continuous quality enhancement through IQAC initiatives.

## PART – I: ENERGY AUDIT REPORT

#### Objectives:

- To assess the current energy consumption of the institution.
- To identify opportunities for reducing energy usage and cost.
- To promote renewable and sustainable energy sources.
- To develop awareness about energy efficiency among staff and students.

#### Findings:

- All lights in classrooms and corridors are converted to LED fittings.
- Natural lighting and ventilation are effectively utilized during daytime.
- Energy consumption is regularly monitored.
- Plans are underway to install solar panels.

#### Recommendations:

1. Install solar photovoltaic panels.
2. Use motion sensors and automatic switches.
3. Conduct annual awareness programs on energy conservation.
4. Develop a Green & Energy Management Committee under IQAC.

## PART – II: GREEN AUDIT REPORT

**Objectives:**

- To evaluate and enhance environmental sustainability practices.
- To ensure optimum use of natural resources.
- To create awareness about environmental protection.
- To maintain a pollution-free campus.

**Findings:**

- Lush green garden area with tree plantation drives.
- Segregation of biodegradable and non-biodegradable waste.
- Composting of organic waste and digital documentation to minimize paper use.
- Plastic-free campus initiative.
- Proposed rainwater harvesting system.
- Herbal garden maintained for educational purposes.

**Recommendations:**

1. Install rainwater harvesting and drip irrigation systems.
2. Establish vermicomposting units.
3. Expand green belt area.
4. Strengthen Eco Club to monitor initiatives.
5. Conduct regular environmental audits.

**Outcome:**

- Reduced energy consumption and improved environmental awareness.
- Clean, healthy, and sustainable learning environment.
- Progress toward becoming a model green campus.

**Conclusion**

Talat Shikshan Mandal's Talat B.Ed. College demonstrates a strong commitment to sustainability, environmental protection, and efficient energy management. The institution ensures that every student-teacher develops not only professional competence but also ecological sensitivity and social responsibility. Continuous monitoring and implementation of recommendations will further enhance the institution's green and energy efficiency standards.