

CRITERIA 7

7.1.1 Institution has a stated energy policy streamlining ways of energy conservation, use of alternate sources of energy for meeting its power requirements




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INDEX

Sr. No.	
1	Institution Energy Policy Document
2	India Energy Week
3	Flyer of India Energy Week
4	Document



Institution Energy Policy Document




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Policy Document
On
ENVIRONMENT AND ENERGY CONSERVATION
2021- 22




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POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

Policy for Green Campus/ Energy/Waste/Water management and conservation

The TEI is committed to sustainable development in all its endeavours. Within its ambit it envisages to streamline ways of energy conservation and utilisation through socially responsible ways.

Policy Statement:

The main objective behind the Environment and Energy usage Policy of the TEI is to manage energy in such a systematic way so as to minimize its impact on the environment. This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution.

The TEI envisions a clean and Green Campus to promote sustainable and eco-friendly green practices within the campus and beyond. It focuses to streamline responsible waste management practices and on water management and conservation initiatives in its daily practices. It strives to explore the renewable energy resources and to find out substitute natural resources as solutions to the energy crisis. This will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

The environment and energy policy will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

Objectives:

- ❖ To develop awareness about environmental issues.
- ❖ To understand one's responsibility towards energy conservation.
- ❖ To implement responsible procedures for waste management.
- ❖ To reduce waste production on campus for all activities and programs.
- ❖ To initiate water management and conservation practices.
- ❖ To encourage green practices within the campus and beyond.
- ❖ To maintain cleanliness and sanitation on campus.
- ❖ To provide a pollution free healthy environment.



Plan of implementation/ Practices

The TEI is committed towards sustainable development in all its endeavours. In accordance following are the areas to be considered for streamlining ways and procedures for environment and energy conservation;

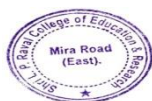
- A. Energy conservation and management.
- B. Waste management -Solid, Liquid & E-Waste Management
- C. Water Conservation and Management.
- D. Clean & Green Campus.
- E. Paperless operating procedures.
- F. Ban on single-use plastics on the Campus.
- G. Taking up awareness initiatives and environment-centric activities.

A. Energy conservation and management

- ✓ To install and use LED bulbs in the College campus to save energy.
- ✓ To invest in power efficient equipments.
- ✓ To create awareness that small actions matter- Save Energy Labels/Posters are put up at various locations in the College.
- ✓ Use of natural lighting and ventilation is encouraged as and when possible.
- ✓ To take additional measures to continuously improve our energy consumption.
- ✓ To ensure the availability of necessary resources to achieve our objectives.

B. Waste management -Solid, Liquid & E-Waste Management

- ✓ Two-way segregation of waste at source, on campus.
- ✓ Practice the 4 R's Reduce, Reuse, Recycle and Refuse wherever possible.
- ✓ Reduce waste production on campus.
- ✓ Sanitary Napkin Incinerator and Sanitary Napkin Disposal Machine is Installed and used.
- ✓ Follow Eco friendly practices in daily activities and programs.
- ✓ Prefer using bags made of eco-friendly material.
- ✓ Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.



- ✓ Recycle and recreate through best out of waste activities.
- ✓ Reduce usage of paper by encouraging techno-centric teaching and administrative model.
- ✓ To develop systematic waste management mechanism.

C. Water Conservation and Management

- ✓ To use rain water recharge pit for water conservation and management.
- ✓ Periodic mending and repairs of leaks in taps and pipes is done.
- ✓ Planting indigenous variety of plants and less water requiring plants in the College campus.
- ✓ To create awareness that small actions matter by putting up Save Water labels /posters are put up in various places in the College.
- ✓ Organising water conservation activities for creating awareness amongst the faculty and students on the campus.
- ✓ By using and replacing sanitary fixtures with water efficient faucets and nozzles.

D. Clean & Green Campus

- ✓ The green cover is reasonably good with trees and plants of indigenous variety. The college plans to work towards a more decent landscape.
- ✓ To undertake tree plantation drive.
- ✓ To form a nature club.
- ✓ To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- ✓ To maintain cleanliness and sanitization throughout the campus.

E. Paperless operating procedures

- ✓ Move towards a paperless office with E-office practices as encouraging communication through emails and other virtual platforms.
- ✓ Digital storage of documents through Google Account storage as well NAS server.
- ✓ To form subject wise what's app groups and Google Classrooms for communication and transaction of course content.
- ✓ To have College social media handles- Instagram, You tube channel etc.
- ✓ To have a fully functional College website.




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F. Ban on single-use plastics on the Campus

- ✓ To strive towards a plastic free campus with the prohibition on the use of single use plastic on campus.
- ✓ To conduct sensitization programs on harmful effects of single-use plastic.
- ✓ Practice the 4 R's Reduce, Reuse, recycle and refuse wherever possible.
- ✓ Follow Eco friendly practices in daily activities and programs.
- ✓ Prefer using bags made of eco-friendly material.
- ✓ Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.

G. Taking up awareness initiatives and environment-centric activities

- ✓ The College through its academic subject, Environmental Education (SEMESTER IV: EC -3), is devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programmes to save energy and to protect the environment. Students take up various awareness raising activities and programs in their respective Internship Schools as part of their Projects and Assignments.
- ✓ To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

Conclusion:

The above strategies and procedures of implementation are subject to change in view of need and demands of time. This policy will be communicated to all the students, staff and employees of the College. All the stakeholders are required to abide by the policy to make the TEI campus green, clean and eco-friendly.




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INDIA ENERGY WEEK

1st Feb 2022 to 5th Feb 2022

**Shri L. P. Raval College of Education and Research, MiraRoad (East)
and
Nirmala Memorial Foundation College of Education , Kandivali (East)**

Jointly organizes

INDIA ENERGY WEEK

1st Feb 2022 to 5th Feb 2022

On account of **India Energy Week**

YouTube Video – Online session



❖ *Students and Staff are requested to see the videos and contribute to save energy.*



[Signature]
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.The Institution's policy and initiative for Energy Conservation, policy and initiative for use of alternative sources of energy –

A. Awareness – TEI is very much aware about conventional energy and its limitations.

Non- conventional energy and its importance should be underline to the society. It can be achieved by awareness programme.

Teachers are best person who reaches to major part of society. TEI took initiatives to create practical awareness Energy conservation, energy alternative sources. As a part of energy conservation activity, TEI organized Energy Week. It is in the first week of February -2022. TEI organized online Youtube videos to observe for teachers and student teachers.

Motivation of one student –teacher awareness for energy conservation means motivation of hundred – thousand of students – family and society.

B. Initiative for Energy Conservation –

- To assess energy uses of establishments like – House, Schools, Colleges, Industries, etc.
- To measure the impact of energy uses of establishment on the environment.
- To count CO₂ emission generated by the establishment.
- To communicate, discuss and guidance from and with the governmental agencies, municipal corporation and affiliating university.
- To actively work with the local organization in the case of /area of environment, energy efficiency and sustainable development.
- TEI always go for monitor and respond to serious emerging environment and energy crisis issues.
- TEI plan to train employees and students through Youtube Expert lectures, online lectures to make them aware about saving energy, importance of energy, alternative major solutions for saving electrical energy especially in Institute as well as at household.

C. Institution initiative for use of alternative sources of energy-

- I. Institution held India Energy Week celebration week.
- II. TEI organized Youtube Expert series for the use of alternative sources of energy.
- III. Alternate sources of energy means Non -Conventional Energy sources.



- IV. TEI plans to use solar energy devices in the Institute.
- V. TEI organized ON line lecture for Non -Conventional Energy sources.
- VI. TEI focusing on alternative energy sources, such as – Wind energy, Geothermal energy, Hydropower energy, Tidal-Ocean energy, Bioenergy, Nuclear energy and Solar energy. These are best initiatives for students, teachers and every employer.




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Green Audit Certificate




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Energy Audit Certificate




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Environment Audit Certificate



Sanjay Kadam
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ISO CERTIFICATE



Certificate of Registration

This is to certify that

**Shri. L. P. Raval Education Trust's
SHRI L. P. RAVAL COLLEGE OF EDUCATION &
RESEARCH**

RAVAL NAGAR, NEAR NEW POST OFFICE, MIRA ROAD (E), THANE – 401107.
MAHARASHTRA, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**IMPARTING UNDERGRADUATE PROGRAMMES IN EDUCATION AS PER
CURRICULUM OF UNIVERSITY OF MUMBAI / NATIONAL COUNCIL FOR
TEACHER EDUCATION**

Date of Certification: 25th May 2022 2nd Surveillance Audit Due: 24th May 2024
1st Surveillance Audit Due: 24th May 2023 Certificate Expiry: 24th May 2025

Certificate Number: 305023072022Q



Head of Certification

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