



**Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce
and Science, Kopergaon, (M.S.)
423601**

Green Campus, Environment and Energy Usage *Policy and Procedures*

**Internal Quality Assurance Cell
(IQAC)**



Green Campus, Environment and Energy Usage

Introduction:

In the pursuit of progress and development, we have witnessed the deterioration of our natural environment. To achieve sustainable development, it is crucial to raise awareness about the consequences of exploiting nature and implement strategies to conserve it. As an institution of higher education, K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon recognizes its responsibility in nurturing responsible youths and fostering a green and eco-friendly campus. Our goal is to redefine our environmental culture and develop sustainable solutions to address environmental, social, and economic challenges.

Scope:

The policies on green campus, energy, and environment aim to inspire stakeholders to spearhead positive change for sustainable development. This initiative involves the comprehensive review of infrastructural and administrative functions to ensure eco-friendly practices and energy conservation within and around the college premises.

Objectives:

1. Integrate environmental concerns into policies, plans, and programs across various activities.
2. Promote efficient and responsible use of environmental resources, including energy and water.
3. Adopt best environmental practices to minimize waste and its impact on the environment.
4. Increase awareness about environmental concerns among stakeholders and the local community.
5. Protect and conserve ecological systems and resources.

Strategies:

1. Establish a greener campus by prioritizing tree planting initiatives.
2. Embrace energy conservation and renewable energy sources.
3. Implement efficient water management practices.
4. Develop an effective waste management system.
5. Collaborate with stakeholders and the local community to foster environmental awareness.

Guiding Principles:

We are committed to working with stakeholders to foster a culture of self-sustainability and an eco-friendly campus. Our time-bound strategies are designed to implement green campus initiatives effectively. We have formed committees comprising faculty from various departments, in consultation with the IQAC, to develop principles for a clean and green campus. The committees will execute the following initiatives:

1. Conduct periodic green, environmental, electrical, fire safety, and energy audits of the Policy Document, IQAC, K. J. Somaiya College, Kopargaoon

campus.

2. Celebrate "Vanmahostav" and regularly plant diverse plant species with the help of stakeholders.
3. Sensitize stakeholders to reduce the use of polluting products and opt for environmentally friendly alternatives.
4. Promote cleanliness through Swachhata Pandharwada and Swachh Bharat Abhiyan for a healthy life.
5. Organize various awareness campaigns, seminars, workshops, and competitions related to environmental issues.
6. Implement the Clean and Green Campus Policy through well-defined initiatives.

Environment and Eco-Friendly/Green Campus:

- Expand green cover through extensive plantation.
- Develop a Cactus Garden to preserve local and exotic xerophytic plant species.
- Create pedestrian-friendly roads using paver blocks.
- Establish a botanical garden and nursery for medicinal plants.

Energy Conservation:

- Implement actions to reduce greenhouse gas emissions from energy consumption.
- Opt for energy-efficient lamps and equipment in various areas.
- Utilize solar water heaters.
- Encourage the use of battery-operated or public transport vehicles.

Waste Management:

- Segregate waste at source with designated dry and wet dustbins.
- Utilize vermicomposting units for organic waste disposal and organic manure production.
- Collaborate with waste management agencies to handle waste, e-waste, and biogas generation from food waste.
- Minimize plastic usage with the 4 'R' principle: refuse, reduce, reuse, and recycle.
- Promote a paperless/less paper work culture and practice paper recycling in administration.

Water Management:

- Adopt water-saving measures like rainwater harvesting and drip irrigation.
- Treat domestic/laboratory effluent using Sewage Treatment Plants (STP).
- Utilize recycled water for plant irrigation.
- Implement water-efficient taps and introduce septic tanks and soak pits.

HEI will consistently display instructions/alerts/slogans throughout the campus to promote water, energy, and waste conservation for sustainable development. We are committed to continuous improvement and regular policy reviews to ensure compliance and relevance to our green campus initiatives.

Committee:

Chairman

Dr. B. S. Yadav (Principal)

Members:

Prof. V.C. Thange (IQAC Coordinator)

Dr. B. S. Gaikwad

Dr. G. S. Shinde

Dr. N. G. Shinde

Dr. R. D. Gawali

The institution's Green Campus, Environment and Energy Usage Policy is subject to continuous improvement and upgradation to remain relevant and compliant. Regular reviews are conducted to ensure continued effectiveness

Date: 30.06.2018

Place: Kopargaon

Prof. V. C. Thange

Coordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar



Dr. B. S. Yadav

Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon



Kopergaon Taluka Education Society's
K.J. Somaiya Arts, Commerce and Science College,
Kopergaon

Criterion 7- Institutional Values and Best Practices

7.1: Institutional Values and Social Responsibilities

7.1.3: Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion and sustainability activities

Certificate Green Education Campus



Green Education Campus Certification

Geotek Global Certification Pvt. Ltd.

hereby certify that the organization

**Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science**

Address : Mohanirajnagar, Kopargaon - 423601, District Ahmednagar, Maharashtra, India

has implemented and maintains a **Green Education Campus** for

Scope :

To Evolve and Impart Comprehensive, Multidisciplinary and Multidimensional Higher Education to the Students at Undergraduate, Post Graduate, Certificate and Doctoral Programmes in Arts, Commerce, Science & Physical Education

An audit was performed and proof has been furnished that the management system fulfils the requirements of international standard detailed below ...

Scheme : Green Education Campus

Certificate No. : 23.GGCS.IN.GEC101692

Certification Date : 17th October 2022

Cert. Expiry Date : 16th October 2025



Reg. No. IN.EMS20.0512



Chief Executive Officer

Geotek Global Certification Pvt. Ltd.
102, Raj Legacy, Near Bramhand Phase 5, Off. GB Road,
Thane (West), Pin 400607, Maharashtra, India



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**Certificate Energy Management
System**



ISO 50001:2018 Certificate Of Registration

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Standard	: ISO 50001:2018
Certificate No.	: 22.GGCS.IN.500136
Certification Date	: 15 th November 2022
Cert. Expiry Date	: 14 th November 2025



Reg. No. IN.EnMS10.0523



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ADITI ENGINEERING SERVICES NASHIK

Consultant in – Energy Management, Energy Audit, Electrical Safety Audit, MSEDCL Grievances, 33 & 11 KV Substation Testing & Earthing Design, HT/LT Industrial Installation, Power Factor & Harmonics Solution.

Firm Address- Flat No-604, Hari Aakruti Apartment, opposite Aananda Laundry, Pakhal Road, Dwarka, Nashik-422011

Proprietor - Er. Deokar B. L.

Mo. No- 9960691191

Email -bldeokar61@gmail.com

CERTIFICATE OF ENERGY AUDIT

This is to certify that

KOPARGAON TALUKA EDUCATION SOCIETY'S K J SOMAIYA SENIOR & K.B. ROHMARE JUNIOR COLLEGE KOPARGAON

**Mohanirajnagar, Kopargaon-423601, Dist- Ahmednagar,
Maharashtra, India**

*has conducted **Electrical Energy Audit** in April 2019 for year 2018 - 2019 for knowing present profile of electrical energy consumption, Identification of energy conservation & saving opportunities for implementation to save energy & to mitigate greenhouse gas emission for environmental protection.*



(Er. Deokar Bhausheb)

Certified Energy Auditor EA-2700

(Bureau of Energy Efficiency Govt. Of India)

Aditi Engineering Services, Nashik

Date-30 April 2019


Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar




Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

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**KOPARGAON TALUKA EDUCATION SOCIETY'S K J SOMAIYA SENIOR & K.B.
ROHMARE JUNIOR COLLEGE KOPARGAON**

**, Mohanirajnagar, Kopargaon-423601, Dist- Ahmednagar,
Maharashtra, India**

*has conducted **Electrical Energy Audit** in October 2020 for year 2019 - 2020 for knowing present profile of electrical energy consumption, Identification of energy conservation & saving opportunities for implementation to save energy & to mitigate greenhouse gas emission for environmental protection.*




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(Bureau of Energy Efficiency Govt. Of India)

Aditi Engineering Services, Nashik

Date-12 November 2022


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Kopargaon, Dist. A.Nagar




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Commerce & Science, Kopargaon

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(Bureau of Energy Efficiency Govt. Of India)

Aditi Engineering Services, Nashik

Date-27 April 2021


Co ordinator
IQAC, K. J. Somaiya College
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Principal
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Commerce & Science, Kopargaon

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Aditi Engineering Services, Nashik

Date-26 October 2022



Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar



Principal
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Aditi Engineering Services, Nashik

Date-8 May 2023


Coordinator
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Kopargaon, Dist. A.Nagar




Principal
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Management System**



ISO 14001:2015 Certificate Of Registration

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Standard	: ISO 14001:2015
Certificate No.	: 22.GGCS.IN.140191
Certification Date	: 15th November 2022
Cert. Expiry Date	: 14th November 2025



Reg. No. IN.EMS20.0512

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