

Policy Report on Environmental Protection and Green Audit at ICEEM

Introduction: ICEEM is committed to fostering an environmentally sustainable campus. The college recognizes the importance of protecting natural resources and promoting green practices. This report outlines ICEEM's environmental protection strategies and the results of the recent green audit, emphasizing the extensive efforts in maintaining and enhancing the campus greenery.

Aims and Objectives: The primary aim of ICEEM's environmental protection and green audit policy is to ensure a sustainable and eco-friendly campus environment. This is achieved through a series of specific objectives designed to enhance the natural surroundings, promote sustainable practices, and foster a culture of environmental stewardship within the campus community.

1. Enhance Biodiversity

Objective: Preserve and increase the variety of plant species on campus.

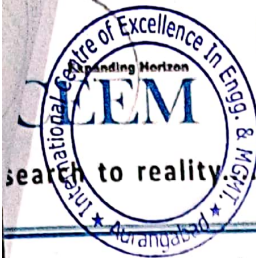
- **Plant Diversity:** Increase the number and variety of plant species, including trees, shrubs, and ornamental plants, to create a rich and diverse ecosystem.
- **Native Species:** Prioritize the planting of native species that are well adapted to the local climate and soil conditions.
- **Habitat Creation:** Develop green spaces that serve as habitats for various flora and fauna, thereby supporting biodiversity.

2. Promote Green Cover

Objective: Maintain and expand green areas to improve air quality and provide a conducive environment for learning and living.

- **Tree Plantation:** Regularly organize tree planting campaigns to increase the number of trees and green spaces on campus.
- **Green Landscaping:** Implement landscaping projects that enhance green cover, including lawns, gardens, and vertical green walls.
- **Maintenance:** Ensure regular maintenance of green areas to keep them healthy and attractive, including watering, pruning, and pest control.


CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad



3. Sustainable Practices

Objective: To implement and encourage practices that reduce environmental impact.

- **Waste Management:** To implement comprehensive waste management systems that include segregation, recycling, and composting of waste.
- **Water Conservation:** To utilize rainwater harvesting systems and promote efficient water use to reduce consumption.
- **Energy Efficiency:** To encourage the use of energy-efficient appliances and renewable energy sources to minimize carbon footprint.

4. Community Awareness

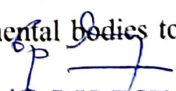
Objective: To educate and engage the campus community in environmental sustainability practices.

- **Educational Programs:** To conduct workshops, seminars, and training sessions on topics related to environmental sustainability and green practices.
- **Awareness Campaigns:** To organize campaigns to raise awareness about the importance of environmental protection and how individuals can contribute.
- **Student Involvement:** To encourage the formation of environmental clubs and groups that actively participate in green initiatives and projects.

5. Compliance

Objective: To ensure compliance with local and national environmental regulations.

- **Regulatory Adherence:** To stay updated with the latest environmental laws and regulations to ensure campus practices are in compliance.
- **Environmental Audits:** To conduct regular environmental and green audits to assess the campus's environmental impact and identify areas for improvement.
- **Green Certifications:** To aim for certifications from recognized environmental bodies to validate the campus's commitment to sustainability.


 CAMPUS DIRECTOR
 International Centre of
 Excellence In Engg. & MGT
 Aurangabad

The aims and objectives of ICEEM's environmental protection and green audit policy are designed to create a sustainable and eco-friendly campus environment. By enhancing biodiversity, promoting green cover, adopting sustainable practices, raising community awareness, and ensuring compliance with regulations, ICEEM demonstrates its commitment to environmental stewardship. These efforts not only improve the quality of life on campus but also contribute to the broader goal of environmental sustainability

Green Audit Summary:

Total Green Cover

- Total number of trees: 617
- Total number of shrubs: 2123
- Total number of ornamental plants: 56
- Percentage of campus covered in greenery: 22.57%

Plant Species Inventory:

The campus hosts a diverse range of plant species, contributing to its rich biodiversity. Below is the detailed inventory of common and botanical names, families, and the number of plants for some of the key species on campus:

Common Name	Botanical Name	Family	No. of Plants
Amba	Mangifera indica L.	Anacardaceae	85
Neem	Azadirachta	mahogany	40
Wad	Ficus benghalensis L.	Moraceae	6
Pimpal	Ficus religiosa L.	Moraceae	11
Jambhul	Syzygium cumini L.	Myrtaceae	10
Jamb	Psidium guayava L.	Myrataceae	40
Sitaphal	Annona reticulata L.	Annonaceae	70
Leamon	Citrus limon (L.)	Rutaceae	35
Shevaga	Moringa oleifera	Moringaceae	20
Badam	Prunus dulcis	Rosaceae	4
Curry Leaves	Murraya Rutaceae	Rutaceae	39
Bael	Aegle marmelos L.	Rutaceae	1

CAMPUS DIRECTOR

International Centre of

Excellence In Engg. & MGMT
Aurangabad

Mahua	-	Sapotaceae	1
Chinch	Tamarindus indica L.	Fabaceae	52
Tad	Borassus flabellifer	Arecaceae	10
Aapta	Fabaceae	Bauhinia racemosa	25
Sag	Salvia officinalis	Lamiaceae	3
Ber	Ziziphs mauritiana L.	Rhamnacea	45
Avala	Pinaceae	Abies pindrow	6
Ganare	Nerium oleander,	Apocynaceae	16
Ashoka	Saraca asoca	legume	25
Palm	Roystonea regia	Arecaceae	11
Sadafuli	Catharanthus roseus	Apocynaceae	16
Jaswand	Hibiscus rosa-sinensis	Malvaceae	13
Chafa	Plumeria	Apocynaceae	20
Tulsi	Ocimum tenuiflorum	Lamiaceae	05

Key Environmental Protection Strategies

1. Enhance Biodiversity:

- **Plant Diversity:** Continue to introduce a variety of native and adaptive plant species to enhance the biodiversity of the campus.
- **Maintenance:** Regular maintenance and monitoring of the plant health to ensure a thriving green environment.

2. Promote Green Cover:

- **Tree Plantation Drives:** Organize regular tree plantation drives involving students, faculty, and staff.
- **Green Landscaping:** Implement sustainable landscaping practices to maintain and expand green areas.


 CAMPUS DIRECTOR
 International Centre of
 Excellence In Engg. & MGMT.
 Aurangabad



3. Sustainable Practices:

- **Composting:** Use biodegradable waste for composting to enhance soil quality.
- **Water Conservation:** Implement rainwater harvesting and efficient irrigation systems to conserve water resources.

4. Community Awareness

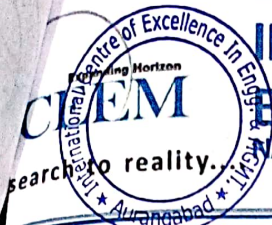
- **Educational Programs:** Conduct workshops, seminars, and awareness campaigns on environmental sustainability.
- **Student Involvement:** Encourage student participation in green initiatives and environmental clubs.

5. Compliance:

- **Regulatory Adherence:** Ensure all environmental practices comply with local, state, and national regulations.
- **Green Certifications:** Aim for certifications and recognitions that validate the campus's commitment to environmental sustainability.

ICEEM's comprehensive approach to environmental protection and its detailed green audit reflect a strong commitment to sustainability. By enhancing biodiversity, promoting green cover, adopting sustainable practices, raising community awareness, and ensuring compliance with regulations, ICEEM is dedicated to creating an eco-friendly campus. These efforts contribute not only to the well-being of the campus community but also to the broader goal of environmental stewardship.


 CAMPUS DIRECTOR
 International Centre of
 Excellence In Engg. & MGMT.
 Aurangabad



INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC Accredited



Evidence of Activity:



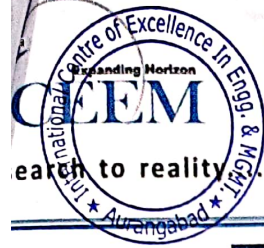

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad



[Signature]
 CAMPUS DIRECTOR
 International Centre of
 Excellence In Engg. & MGMT.
 Aurangabad

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC Accredited




IQAC Coordinator



Director
CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad


CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad