



“येथे बहुतांचे हित”

**Welfare of Masses**

**POLICY DOCUMENT**

# **GREEN POLICY**

**Marathwada Mitra Mandal's**

**College of Commerce (MMCC)**

202/A Deccan Gymkhana, Pune 411004





**The College Campus is green & clean in an urban locality**



## Introduction

MMCC recognizes the imperative of sustainability in all aspects of its operations. As part of our commitment to environmental stewardship and responsible citizenship, we endeavor to establish and maintain a green campus that fosters ecological balance, resource efficiency, and environmental consciousness among all the stakeholders.

**This policy document outlines our objectives, strategies, and guidelines to achieve a green sustainable campus environment.**

## Objectives:

The primary objectives of MMCC's **Green Campus Policy** are as follows:

- 1. Reduction of Carbon Footprint:** We aim to minimize greenhouse gas emissions across campus operations through energy efficiency measures, renewable energy adoption, and sustainable transportation initiatives. MMCC have installed LED lights, latest information technologies as LED display computers in classrooms and offices to reduce the carbon footprints
- 2. Resource Conservation:** Our goal is to conserve natural resources, including water and energy, through efficient management practices and the promotion of sustainable behaviors among the campus community. The campus is compact yet maintains biodiversity.
- 3. Waste Reduction and Recycling:** We seek to minimize waste generation, maximize recycling rates, and implement responsible waste management practices to reduce the environmental impact of our operations.
- 4. Biodiversity Preservation:** We are committed to preserving and enhancing biodiversity on campus by protecting natural habitats, promoting native flora and fauna, and adopting ecologically sensitive landscaping practices.



Education and Outreach: We strive to educate and engage students, faculty, staff, and visitors on environmental issues, sustainable practices, and the importance of individual and collective action for a greener future.

**4. Continuous Improvement:** We pledge to regularly monitor and evaluate our sustainability performance, set targets for improvement, and adapt our strategies to evolving environmental challenges and opportunities.

## Strategies:

To achieve our objectives, MMCC will implement the following strategies:

- Energy Efficiency:** We implement energy-efficient technologies, upgrade building systems, and promote energy conservation practices across campus, aiming to reduce energy consumption and greenhouse gas emissions. L.E.D lights have been installed in colleges.
- Renewable Energy:** The college explores and invests in renewable energy sources such as solar, wind, and geothermal to diversify our energy portfolio and transition towards a carbon-neutral campus. Two water percolation pipes have been installed.
- Sustainable Transportation:** MMCC promotes sustainable transportation options such as walking, cycling, public transit, and carpooling, incentivizes the use of electric and hybrid vehicles, and enhances infrastructure to support alternative modes of transportation. The college higher management authority uses Electric Vehicles to promote sustainability.
- Water Conservation:** We implement water-efficient fixtures, systems, and landscaping practices, monitor water usage, and promote water conservation behaviors to minimize water consumption and protect local water resources.
- Waste / E-Waste Reduction and Recycling:** The College implements waste reduction initiatives, increases recycling infrastructure, provides education and awareness programs on waste separation and recycling, and explores opportunities for composting organic waste.
- Biodiversity Conservation:** We conduct biodiversity assessments, develop habitat management plans, prioritize native species in landscaping projects, and create





opportunities for experiential learning and research in biodiversity conservation. Our college has 50 species of Butterflies. The local press of Pune has covered the news.

## एमएमसीसीच्या आवारात फुलपाखरांच्या ५० प्रजाती

### 'बटरफ्लाय मंथ'च्या निमित्ताने विद्यार्थ्यांनी केली नोंद

पुणे, ता. १ : सरावडा मित्र मंडळ महाविद्यालयाचे (एमएमसीसी) आवार जैवविविधतेने संपन्न असून या ठिकाणी फुलपाखरांच्या सुमारे ५० प्रजातीची नोंद करण्यात आली आहे. 'बटरफ्लाय मंथ'च्या निमित्ताने महाविद्यालयातील विद्यार्थ्यांनी घेतलेल्या नोंदीतून ही बाब समोर आली आहे.

सप्टेंबर महिना आणि ऑक्टोबरच्या पहिला आठवड्यात महाविद्यालयाच्या जीवशास्त्र विभागाच्या प्रा. अर्चना कामटे आणि प्रा. मालविका दाभाडे यांच्या नेतृत्वाखाली या नोंदी करण्यात आल्या. या सर्वेक्षणामध्ये 'रेड पीरो', कॉमन ग्रास येले, पाम फ्लाय फुलपाखरू, ग्रास टेर्मिन, लार्ज ट्री निम्फ, कॉमन एमिग्रेंट, कॉमन वॉडर, ब्लू मॉरिमान फुलपाखरू



रेड पीरो' फुलपाखरू  
कॉमन एमिग्रेंट  
ग्रीन स्पॉटेड ट्रायंगल फुलपाखरू

६६ फुलपाखरांच्या नोंदी करत असताना 'गोल्डन स्किंक' जातीचा सरडा आणि दयाळ (ओरिंटल मंगपाय रॉबिन) हा पक्षी आढळून आला. शहरातील वाढत्या प्रदूषणामुळे फुलपाखरांची संख्या कमी होत आहे. फुलपाखरांचे संवर्धन करायला त्यांचा अधिवास जोपासला पाहिजे.

- प्रा. अर्चना कामटे, जीवशास्त्र विभाग

**फुलपाखरांबाबत हे माहिती आहे का?...**

- १. भारतात फुलपाखरांच्या १५०० प्रजाती
- २. राज्यात सुमारे ३५० प्रजाती
- ३. नामशेष होत असलेल्या वनस्पतींचे संवर्धन करतात
- ४. फुलपाखरांकडून परागकणांची नैसर्गिक प्रक्रिया राखली जाते
- ५. काही फुलपाखरे चिखल, शेण, ओली माती, मलमूत्र यांच्याकडे आकर्षित होतात

आढळून आले. उपक्रमासाठी प्राचार्य डॉ. देविदास गोल्हार, उपप्राचार्य स्वाती बर्वे आणि शास्त्र विभागाच्या प्रमुख आशा देसाई यांनी मार्गदर्शन केले. फुलपाखरू गंध (नेक्टर) आणि परागीभवनाला मदत करणारी झाडे विद्यार्थ्यांनी आवारात लावली आहेत. यामध्ये जाई, जुई, सदाफुली, दाखीपाला, चमेली, मिरगुडी, गुळब, गोकर्ण, तुळस आदींचा समावेश आहे. याबाबत प्रा. कामटे म्हणाल्या, "दरोज अर्धा तास फुलपाखरांची नोंद करण्यात आली. आवारात फुलपाखरांचे खाव, तसेच त्यांचे जीवनचक्र पूर्ण करणारी झाडे भरपूर आहेत. यामध्ये पामफुटी, कडीना, पाम, कनेर सोनचाफा, शिखाचाफा कोराटी, अबोली, लाजाळू, टणटणी, हळदी-कुंकू आदींचा समावेश आहे. अंडी, अळी, कोस आणि फुलपाखरू अशी फुलपाखरांची जीवन साखळी असते. महाविद्यालय शेजारी फर्ग्युसन महाविद्यालयाचा विस्तीर्ण झाडांचा आवार, महाविद्यालया समोरील उद्यानातील झाडे तसेच, गोखले अर्थात महाविद्यालयातील झाडे, त्यामुळे एमएमसीसीमध्ये फुलपाखरांचा विविध प्रजातींचा वावर आढळून आला."

**Daily Sakal (A leading Marathi News Paper) has published news on the biodiversity of MMCC. 50 butterfly species found on the campus.**

- Education and Outreach:** We integrate sustainability principles into the curriculum, offer sustainability-focused courses and programs, organize events and workshops on environmental topics, and engage the campus community through campaigns, competitions, and volunteering opportunities.
- Partnerships and Collaboration:** We collaborate with local communities, government agencies, non-profit organizations, and industry partners to leverage resources, share best practices, and advance regional sustainability goals.

**Guidelines:** To ensure the effective implementation of this policy, MMCC establishes the following guidelines:



- Compliance:** All campus departments, units, and individuals are expected to comply with this policy and actively contribute to its implementation.
- Responsibility:** The administration, in collaboration with relevant stakeholders, will oversee the development, implementation, and monitoring of sustainability initiatives and report on progress regularly.
- Engagement:** The campus community (students and teachers) are encouraged to actively participate in sustainability efforts through education, advocacy, and behavior change towards the eco-friendly activity in college.
- Innovation:** We encourage innovation and creativity in finding sustainable solutions to campus challenges and welcome input and ideas from all members of the community.
- Continuous Improvement:** We will regularly review and update this policy to reflect advancements in sustainability practices, changes in regulations, and feedback from stakeholders. MMCC regularly updates the green and energy audit.

In conclusion, MMCC is committed to creating a green campus that serves as a compact model of environmental responsibility, innovation, and stewardship. Through collective action and collaboration, we will work towards a sustainable future for generations to come. We have initiated a `Green Club` in the academic year A.Y 2023-2024 exclusively for conservation of water.

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