

(D. Pharm., B. Pharm., M. Pharm., Ph.D.)
Approved by AICTE & PCI, New Delhi
Recognized by Govt. of Maharashtra, DTE (MS)



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Shri. Shivajirao D. Ganage

Prin. Bhausaheb G. Jadhav

Shri, Kishor H. Mungale

President

Exec. President

Secretary

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## MARATHWADA MITRA MANDAL'S COLLEGE OF PHARMACY

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# Policy Document on Green Campus

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**Green Campus:** A Green Campus is a place where environmental friendly practices and education system combine to promote sustainable and eco-friendly practices. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of mankind.

**Objectives of the Green Campus Program:** The first step of the Green Campus Program involves establishing a Policy Document suggesting the strategies, plans and other allied tasks to make this program functional officially.

We believe that greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling. The administration of the Institute believes that everyone has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Everyone at the MMCOP will work together to foster a culture of self-sustainability and make the entire campus environmental friendly. The Green Campus Initiatives will enable the institution to be a eco-friendly environment nurturing lifelong learning, innovation and sustainability.

Green Campus status is achieved by making significant progress in cross campus community collaboration under one or a number of the following themes:

- Green Campus & Biodiversity
- Energy
- Water
- Waste



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#### GREEN CAMPUS AND BIODIVERSITY

We believe that a clean, green and a pollution free environment provide natural environment for an effective learning experience. We have therefore left no stone unturned in the development of a green ecosystem to provide enrichment to the students mind. The road within the college campus is therefore adorned with tall trees and flowering plants to create a homogenous feeling amongst everyone within the campus. We also intend to introduce planting of saplings by the students for maintaining the greenery within the campus and also inculcate awareness towards nature in their minds. We consider and maintain the participatory documentation of the flora and fauna of College Campus with the help of Pharmacognosy department and the student community for whom it would be an educational and sensitization process. Also, the college has separate medicinal garden in the campus. The trees, plants, herbs and shrubs of variety are planted and maintained.

Following policies have been made and implemented by the institute for Green campus.

#### I. MMCOP policy on conducting green audit

- 1. The institute measures the efforts taken towards creations of the green campus. For the same it conducts the regular audits at the campus.
- Energy audit, Green audit and Environment audits are conducted on yearly basis and the recommendations made by auditing agency are implemented.
- Institute develop and maintain an environmental management system in compliant with ISO: 14001 and Energy Management System based on ISO: 50001.
- Based upon findings and recommdation of auditing agency, the future actions are planned for further development of green campus and Environment and Energy Policy, objectives and targets are reviewed on a regular basis by the institute.
- 5. This update policy document will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website.

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#### II. MMCOP policy for Green Campus

- 1. Policy for restricted entry of automobiles
- 1. Students, staff are encouraged to use bicycles, public transport and pedestrian friendly roads. Students staying in the 1.5Km periphery of the college are not allowed to bring vehicles to college.
- 2. They are encouraged to avoid the use of vehicles and encouraged to use bicycles. More than 50% students use public transport facility. PMPML bus stop is very near to the campus. Regular and frequent bus service is available from this bus stop to the other parts of the city.
- 3. Every month "No Vehicle Day" is observed at the college.

#### 2. Policy for plastic free campus

- 1. The use of plastic is banned at the campus making it plastic free.
- 2. The NSS team of our college conducts programs of cleaning the campus for any plastic wastage.
- 3. Display Boards reflecting "USE OF PLASTIC IS RESTRICTED" are placed in different area of the college.
- 4. Training and awareness about the hazards of using plastic are explained to students from time to time to imbibe the culture of avoiding the use of plastic.

#### 3. Policy for paperless office

- 1. To initiate paperless office work environment, official circulars of Institute and Departments are communicated through e-mails. Institute, Department and various committee communications are done with whatsapp group and e mails.
- 2. To disseminate related information like syllabus, time table through the Academic ERP Vmedulife online portal to all students. All faculty members use Google Drive, Academic ERP Vmedulife online portal for sharing course related materials, notes that avoiding the excessive use of papers.

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#### 4. Policy for green landscaping with trees and plants

- 1. The Institute is committed to maintain the green campus. MMCOP has developed green campus by planting the trees all over the campus area. The variety of trees, herbs, shrubs are planted in and around the campus. Old trees are retained and blended with newer ones. The varieties of flowering plants are also cultivated in butterfly garden and other ornamental plants have been planted in and around the campus.
- 2. Most of the corridors of the college are also lined up with potted plants.
- 3. Organization of tree plantation program every year in the college premises and nearby villages under NSS activity to promote green practices and saving of trees.

#### 5. Policy for environment and energy usage

The Environment and Energy usage Policy of MMCOP is to manage energy in such a systematic way so as to minimize its impact on the environment. The policy implies to avoid the unnecessary use of energy resources and to explore the renewable energy resources to reduce the burden of the government and to find out substitute natural resources as solutions to the energy crisis.

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. It 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 various activities are conducted through NSS unit of the college for the environmental awareness, to undertake green initiatives, and to conduct green literacy programmes to save energy and to protect the environment.



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#### Policies:

- 1. To assess our energy usage and measure its impact on the environment.
- 2. To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- 3. To install LED tube lights / bulbs in the campus to save energy.
- 4. To develop systematic waste management mechanism.
- 5. To develop rain water harvesting unit.
- 6. To undertake tree plantation drive.
- 7. To take additional measures to continuously improve our energy consumption.
- 8. To ensure the availability of necessary resources to achieve our objectives.
- 9. To install photovoltaic solar panels for the generation of alternate energy.
- 10. To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise.
- 11. To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
- 12. To monitor and respond to emerging environmental and energy issues.
- 13. To strengthen our employees and students environmental knowledge and skills in order to improve our own environmental performance.
- 14. To provide information and training opportunities on energy saving measures.
- 15. To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.
- 16. To train our employees and students through NSS unit to make them 'Go Green', to plant trees each year, to celebrate eco-friendly festivals to make them 'Go Green', to plant trees

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#### 6. Policy for Energy Conservation

Institute strives to reduce energy consumption - In this context; MMCOP has adopted the following policies:

- 1. Activate power management features on computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
- 2. Turn off monitor when anybody leaves his/her Table.
- 3. Turn off unnecessary lights and use daylight instead.
- 4. Use LED tubes/bulbs as much as possible
- 5. Switch off lights and fans in the staff rooms, classrooms, seminar hall, conference room and laboratories when not in use.
- 6. Avoid the use of decorative lighting.
- 7. Implement solar system to cut down the heavy usage of electricity.

#### 7. Policy for water conservation

The institute aims at minimizing consumption of water - In this context MMCOP has adopted the following policies:

- 1. Implementing rain water harvesting practices
- 2. Repair sources of water leakage, such as dripping taps and showers as quickly as possible.
- 3. Install appliances which reduce water consumption.
- 4. Use an efficient and hygienic water storage mechanism to minimize the loss of water during storage.
- 5. Promote appropriate water management practices and services at the college.
- 6. Educating and providing information about water conservation and minimizing wastage of water to all the students, staff, and faculty of the college.
- 7. Community programs: Conducting the various outreach programs under NSS unit for spreading awareness about water conservation practices.

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#### 8. Policy for waste management

Waste minimization is very important because it helps in protecting the environment and boost environmental performance. Waste minimization techniques focus on preventing waste from ever being created, otherwise known as source reduction, and recycling. In this context MMCOP therefore has adopted the following policies:

- 1. Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost produced on site.
- 2. Prevent the practice of burning plastic and other materials that emit harmful gas on burning in the campus.
- 3. Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment.
- 4. Use separate bins for biodegradable and non-biodegradable wastes in the college campus.
- 5. Recycle electronics and batteries in e-waste recycling bins located in the college.
- 6. Use of one device with multiple functions. This will reduce the generation of e-waste at source.
- 7. Dispose the chemical waste generated from the laboratories in a scientific manner.
- 8. Actions should be taken to reduce consumption of plastic in the campus. Use of plastic cups, plates etc. has been banned in the college campus. Instead other biodegradable forms of articles are being used.
- 9. Use more readout material in soft form. Reduce the hard copy readout material.
- 10. Use more of e-mail for officially communicating the information needed, online reading etc.

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- 9. Policy for beyond the campus environmental promotion activities
- 1. To display posters & banners with the contents related to environmental issues in the college campus.
- 2. To Organize sensitization programs for awareness regarding environmental issues specific to water pollution, saving water, waste management, biodiversity, tree plantation, energy conservation are conducted through NSS unit.
- 3. To counsel people to celebrate eco-friendly festivals.
- 4. To observe and implement various government initiatives related to environment and green practices like 'Majhi Vasundhara Abhiyan', Environment Day and take other initiatives related to green practices and tree plantation.

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