



MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



Date: 08.08.2022

INSTITUTIONAL GREEN POLICY

Mission

Protect the earth for the future generation by inculcating end during initiatives for conservation and judicious usage of water, air, soil, and other resources.

Objectives

- Integrate and implement environmental management and promote sustainable development practices in our daily activities.
- Empowerment and motivation of staff and students through environmental awareness and communication.
- Conduct academic research for environmental sustainability.
- Increase the number of alternatives and opportunities for sustainable travel for work and business.
- Preserve and enhance the biodiversity of the farm, use sustainable design in construction, and protect biodiversity in outdoor areas on campus.
- Minimize energy and water consumption by implementing efficient management and technology to reduce our carbon emissions.

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- Develop our environmental management system as a mechanism to achieve the above through the adoption of formal goals and objectives.

Sustainability Policy

- Develop and maintain the Estate, and the surrounding landscape, with due regard to environmental impact and social value.
- Develop and implement waste management practices that prioritize disposal in line with the waste hierarchy to reduce the institutions waste output to landfill.

Biodiversity Policy

- To minimize the impact on biodiversity from grounds maintenance and landscaping work and prevent pollution by keeping the use of pesticides to a minimum.
- To consider seasonality of species during projects and campus enhancement works to reduce the risk of plant loss and minimize the use of watering.
- Recycle green waste whenever possible.
- Encourage the promotion of staff and student awareness of the biodiversity to be found on campus and any potential for this to be used as an educational resource, as well as the importance of biodiversity in general.

Environmental Policy

MSAJCE will conserve natural resources by managing water resources using renewable sources of energy, energy management, minimizing solid waste and provide eco-friendly environment for students and staff.



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To enable this, the Institute will implement the following practices:

- Implement sustainable resource management practices, based on reduce, reuse & recycle principles
- Make efficient and environmentally responsible use of water, including identifying opportunities for water conservation
- Reduce and, where practicable, prevent pollution
- Provide appropriate environmental educational programmes for students and staff
- Encourage and facilitate feedback and suggestions on ensuring good practice

Waste Management Policy

- To minimize waste generation at the source and facilitate repair, reuse and recycling over the disposal of wastes, where it is cost-effective.
- To promote environmental awareness to increase and encourage waste minimization, reuse and recycling.
- To secure where possible revenue for recyclable material to reinvest into the expansion of recycling opportunities on the campus and halls of residences.
- To promote the use of recycled products.

E-Waste Policy

- To minimize the new procurement of IT Assets, the centralized content management system department initiates the process for reusing through refurbishment/recycling of electronic and electrical components, replace the spares and repairing the non-functioning the IT assets to reduce the e-waste to the maximum.



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Reducing Carbon Emissions

- The MSAJCE is working hard to reduce energy consumption, increase efficiencies, use more renewable energy sources, and reduce its carbon footprint. We have ambitious targets to reduce our carbon emissions from our activities to reduce our impact on the natural environment.
- Generating our own energy from renewable sources such as
 - Solar panels;
 - Solar water heating and
 - Biogas Plants
- Existing Lighting to be upgraded to LED lighting
- Cutting down on the need for air conditioning
- To reduce emissions from individual vehicles to reach the college staff and students were encourage using public transportation.



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Copy to:

- The Chairman & Director
- All HOD's to circulate among all faculty & staff
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POLICY FOR LANDSCAPING WITH TREES AND PLANTS

A Green Campus is ensured where eco friendly practices and awareness program to promote sustainable and environmental practices in the campus.

The benefits of Green Campus include:

- Hygienic surrounding
- Green and Clean environment
- Soil conservation
- Restrain of Pollution

The green campus concept offers the Institution the opportunity and challenge to take the lead in redefining its environmental culture and developing new model by creating sustainable solutions to environmental, social and economic needs.

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POLICY FOR RESTRICTED ENTRY OF AUTOMOBILE

In the current scenario the number of students using two-wheeler in the campus is in a constant rise. To avoid vehicular pollution inside the campus parking is restricted at the main entrance and advice the Students to go by walk itself.

MSAJCE Institution also encourages using E Vehicles inside the campus.

Following are the various rules for bicycle and E Vehicle use on campus:

- 1) No Students shall be permitted to enter the campus with four wheelers unless they get special permission under medical group.
- 2) Students who came by motor bikes, have to park them at the main entrance near Architecture block and entry beyond that point is strictly prohibited college provides security for vehicles parked in the parking area.
- 3) Majority of students, staff and faculty make use of the transport facility provided by the management.
- 4) A small section of students and staff use public transport also as the college is well connected by public transport system.
- 5) Faculty and staff have to get vehicle pass to use cars inside the campus. They are encouraged to do vehicle pooling to reduce the vehicular usage and pollution.
- 6) Bicycles are available on campus for the benefit of movement inside.

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- 7) A small section of non teaching staff use bicycle for mobility from nearby places.
- 8) The campus has well laid roads which are friendly for pedestrians.
- 9) No type of vehicle should be used during celebration inside the college campus hostels.
- 10) All types of E Vehicles are allowed inside the campus with permission from Authorities.
- 11) Vehicles Speed shall be limited to 20 km/hr inside the campus.
- 12) All motor vehicles rules which are enforced by the road transport authority shall be applicable inside the campus. Any violation of these rules shall lead to revoking of parking Permit.



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POLICY FOR PEDESTRAIN FRIENDLY PATHWAYS

1. Do not litter on pedestrian friendly road.
2. Improve awareness and visibility between motor vehicles to reduce risk at street crossing locations.
3. Use pedestrian friendly road to the maximum inside the campus.
4. Use sign board for ramp locations for the benefit of physically challenged people.

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POLICY FOR BAN ON USE OF PLASTIC

The use of Plastics is banned inside the campus to make it “**Plastic – free**”. All the students are instructed to use environmental friendly substitutes. Plastic wastes have emerged as one of the biggest environmental challenging factor on impacting the soil, water, health and well being of citizens at large. The excess consumption of plastic has become a challenge to the urban waste disposal system and has obstructed the rivers and water systems in rural areas. Now the time has come for a systematic campaign to reduce the usage of plastic, especially the single use plastic. The state and Union Government has decided to take plastic ban as a national level campaign to address the environmental hazards and to bring attitudinal changes that avoid use of plastics. The Mohamed Sathak AJ College of Engineering college also initiates the unique spread and to educate the students around the campus area for avoiding usage of plastic. The following Steps are implemented to regulate the use of plastic inside the campus:

- Banning single use of plastics in canteens, stores in the Institution premises and hostels etc.
- Awareness drives and sensitization workshops on the harmful impact particularly of single use of plastics in college premises.

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- Mandate all students to avoid using non-bio-degradable plastic items inside the campus.
- Encourage the students to sensitize their respective households about harmful effects of plastics and make their households 'plastic free'.
- Install necessary alternative facilities like water units to avoid the use of plastic water bottles
- Encourage use of alternative solutions like cloth bags, paper bags etc., instead of plastic bottles, bags, covers and other goods in the campus.
- Different types of Dustbin are provided to collect the plastics for careful disposal.
- Announcements are made during all events to avoid using plastics as an awareness exercise.



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The below are the steps to follow and it comes to Act:

- All faculty to join hands with National Service Scheme (NSS) volunteers of the Institute. The undergraduate students will participate in the campaign to implement the idea on green environment amongst the neighborhood villages.
- Water saving awareness, helmet awareness rally and tree planting.
- During any special occasion planting a sapling is a must on the name of the Guest.
- All the solid waste must be put in the waste bins. The food waste generated in the hostels is used as compost fertilizers.

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