



## **ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE**

Permanently Affiliated to Thiruvalluvar University

Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956

Accredited with "B" Grade by NAAC

Approved by the Government of Tamil Nadu

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### **ENVIRONMENT GREEN / PLASTIC FREE CAMPUS POLICY**

Islamiah Women's Arts & Science College recognizes the importance of environmental Sustainability and is committed to creating a green campus environment. As part of the commitment the college has developed the following policy document outlining strategies and initiatives to promote sustainability and to reduce plastic usage, reduce waste, Rain water conservation and recycle of water and to minimize carbon footprint in the campus.

#### **GOALS**

Reduce carbon foot print and to promote environmental sustainability.

Minimize the plastic waste and encourage the use of eco-friendly alternatives.

Create awareness among the students, faculty and staff about the importance of sustainability

Rain water conservation and recycling of water

Plant trees and support conservative efforts.

#### **MONITORING AND EVALUATION**

1. Establishing a green committee comprising representation from various departments to oversee the implementation of green initiatives.
2. Conducting regular audits to assess the effectiveness of sustainability measures and identify areas of improvement.
3. Soliciting the feedback from students, faculty and staff on green initiatives and incorporate suggestions for enhancement.
4. Allocate resources and funding to support green projects .

## **STRATEGIES AND INITIATIVES**

**1. ENERGY CONSERVATION:** We prioritize energy-efficient technologies and practices to reduce energy consumption and greenhouse gas emissions on campus. This includes using renewable energy sources, implementing energy-efficient lighting and equipment, and promoting energy conservation among students, faculty, and staff.

College ensures consumption of Low energy by Renewable energy sources such as Solar Energy Panel and LED Bulbs.

Unplug and shutoff Electric Gadgets when not in use.

Annual Energy Audit of the campus is conducted.

**2. WASTE MANAGEMENT :** We strive to minimize waste generation and promote recycling and composting programs on campus. College aim to reduce single-use plastics and encourage sustainable purchasing practices to decrease our environmental impact.

### **Solid waste management**

We implemented comprehensive waste management system, including segregation of waste into biodegradable and non-biodegradable categories.

Installing recycling bins in strategic locations across the campus.

Educate to promote responsible waste disposal.

Sustainability signage display at vantage points promote eco-friendly practices, recycling efforts, energy conservation tips, waste reduction, waste usage and other sustainability initiatives practiced in the campus. Swatch bharat and NSS volunteers carryout the activities inside the campus and adopted villages.

### **Liquid waste management**

Waste water generated from Biochemistry, Chemistry, Biotechnology and Nutrition labs containing acids and alkali are neutralized and the disposed off.

Toxic chemicals are handled safely using Gloves and fumes disposed off as per the recommended guidelines.

### **Biomedical waste management**

Incinerator is installed in restroom for safe disposal of Sanitary Napkins.

Medical lab waste, such as blood and urine sample is safely disposed of by decontamination with 1% Sodium Hypochlorite.

Sharps such as Lancets and needles are UV sterilized, wrapped and disposed off using needle destroyer.

Laminar flow cabinet is used to handle bacterial cultures. It is safely disposed of after autoclaving and treatment with Lysol or 1% Sodium Hypochlorite

### **Food waste Management**

Food waste includes organic wastes generated in Canteen, Staff room and Classroom. Encouraging the composting of organic waste such as food waste and litter from garden into vermicomposting.

Manure obtained is used for Herbal and Kitchen garden plantation.

### **E-waste management**

Adopt eco-friendly E-waste disposal mechanism to repair from out of order equipment – Monitor, keyboard, CPU etc., is put to optimal use. All such equipment which cannot be reused or recycled is disposed of through authorized vendor.

A MOU has been signed for this purpose

### **3. WATER CONSERVATION:** We are committed to conserving water resources through efficient

irrigation systems, water-saving fixtures, and landscape practices that minimize water usage. We also promote water conservation awareness and education within the campus community.

The college maintains functional Rain water harvesting system in all buildings to ensure ground water recharge.

Disposable bottles are restricted inside the campus and students are encouraged to use steel bottles

Water leaks and to avoid water waste are quickly fixed immediately by plumbers.

Recycled water from RO Unit is used for Kitchen and Herbal garden.

Initiatives are taken to organize Certificate course on Water resource and management in association with Bhumi trust for students.



**4. TRANSPORTATION:** We encourage eco-friendly transportation options such as Cycling, walking, carpooling, and public transportation to reduce carbon emissions and alleviate traffic congestion on campus. We also support the use of electric vehicles for sustainable transportation alternatives.

Designated Parking space is provided for the two wheelers and college Buses.

College Buses are periodically checked for zero Emission certificate.

**5. GREEN BUILDINGS:** We strive to design, construct, and maintain environmentally friendly buildings that meet green building standards and promote energy efficiency, indoor air quality, and sustainable materials.

We also implement green building practices by construction of new building using porotherm bricks.

Vehicle parking space is provided at the main entrance of the college campus. As the campus is vehicle free, students and staff experience comfort walking through the pedestrian friendly pathways.

**6. BIODIVERSITY AND LANDSCAPING:** We value the preservation of natural habitats, biodiversity, and green spaces on campus. We support initiatives to enhance biodiversity, protect native plant and animal species, and create green spaces for recreation, education, and conservation.

Landscaping of the college is worth seeing and reflects aesthetic sense. The institute has a canopy of trees and plants to make the environment pollution free to safeguard the health of all the inmates. Plantations provide beautiful ambience.

College has Kitchen garden maintained by Nutrition department and Herbal garden maintained by Biochemistry department.

The vermicompost is used for kitchen and herbal garden.

Utmost care is taken to develop and maintain green landscaping by Plantation by Enviroclub.

Management has taken initiative to create **Miyawaki** miniforest drive with 500 tree sapling to create green canopy.

Annual Green Audit of the campus is conducted.

## **7. BAN ON USE OF PLASTICS**

Limitation on Single-use of plastic items such as plastic bags, bottles, spoons, straws and cups implemented in our college campus. Awareness is created among staff and students through orientation and display boards in the premises. To restrict the use of plastic, steps have been initiated to replace plastic tea cups and glasses with Edible tea cups in the canteen. The staff and students are encouraged to use steel or copper water bottles instead of plastic bottles.

Initiatives are taken to collect used pens, marker and to create articles out of it.

**8. PAPERLESS GOVERNANCE:** Technology is used to a greater extent for communication among the staff and the students rather than paper communication.

The college is striving towards a paperless office, a work environment in which the use of paper is eliminated or greatly reduced by digitization to minimize the usage of paper wherever possible.

Interdepartmental Communication and communications related to university are made using email.

What's app - class wise groups, Department wise groups, Committee wise groups, and HOD'S group facilitate e-communication and hence reduces usage of paper in notices and circulars.

Digital banners are used for program to minimize the usage of traditional banner to make PVC free.

The study materials and lab instruction materials are distributed as e-copies to the students.

## **9. NOISE POLLUTION CONTROL**

Canophy of trees and plants in the campus pleasant atmosphere to the students of staff in the campus. Noise levels assessed at various locations and it is found No Noise pollution.

Sign boards are placed in the Library, Prayer hall and other places to maintain silence in the college.

## 10. POLLUTION CONTROL

Various students awareness programs related to Environmental issues and Pollution control organized in the campus like Plantation, Seminar, Workshop, Competition, Visits by Enviroclub, Swatch Bharat, Unnat Bharat Abhiyan, NSS Green volunteers  
Tobacco usage is strictly prohibited in the campus and our college is certified as tobacco free campus.

## 11. EDUCATION AND OUTREACH

Organizing Workshops, Seminars and awareness campaign on environmental issues and sustainability.

Incorporating sustainable topics into the college curriculum across various disciplines.

Encouraging students in community service programs related to environmental conservation.

Celebrating "The world environment day", "International day of clean air in blue skies", "National Pollution Control Day" and "World water day" to create awareness.

## Conclusion

Islamiah Women's Arts & Science College is committed to fostering a culture of sustainability and environment stewardship through collective efforts and collaboration. We aims to create a greener, healthier campus for present and future generation.



A handwritten signature in green ink, appearing to be the initials "Jm" followed by a checkmark-like flourish.

**Principal**  
Islamiah Women's Arts and Science College  
Vaniyambadi - 635 752.