# SAROJINI NAIDU VANITA MAHA VIDYALAYA

COLLEGE FOR WOMEN, AFFILIATED TO OSMANIA UNIVERSITY

(Sponsored and Managed Jointly by Osmania Graduates' Association and Exhibition Society)

**NAAC Accredited 3rd Cycle** 

Ref. No. SNVMV /

Date: 27.11, 2018

#### Waste Management Policy

#### **Policy Statement**

The educational institutions represent the main components of sustainability promotion in our society. Waste Management is one of the challenges that educational institutions have to face in accomplishing the sustainability goals. In 2016 the Union Ministry of Environment, Forests and Climate Change (MoEF & CC) released the updated Solid Waste Management (SWM) Rules which applies to every Solid Waste generator contributing to Waste generation in the premises. In recent years, technologies have been developed that not only help in generating substantial quantities of decentralized energy but also in reducing the quantity of Waste for its safe disposal.

#### Features in the Campus

- 1. Paper recycling.
- 2. Repair, Re-use and frequent maintenance of equipment to ensure sustainable longevity.
- 3. Student Projects on Waste management
- 4. Awareness programs for Waste management through Swatcha Bharat Mission, Govt. of India.

#### Waste Management Policy Statement

The SNVMV Waste Management Policy articulates commitment to reducing its environmental impacts through effective Waste Management and sustainable practices in converting Waste to resource. The Campus strives to work for obtaining a Zero Waste plan thus obtaining its Eco- friendly status through the policy of "reduce, reuse and recycle".

#### **Objectives**

- Minimising the consumption of natural resources.
- · Avoiding and minimising the generation of Waste.
- · Reducing, re-using, recycling and recovering Waste.
- Ensure segregation of Waste at the source
- Treating and safely disposing of Waste to reduce the pollution.
- Promoting and ensuring the effective delivery of Waste services.
- Achieving integrated Waste Management reporting and planning.

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- Ensure the protection of the environment through effective Waste Management measures.
  - Encourage Waste to energy options through projects and research work
     Carry out regular internal Waste Managing Audits to continuous monitoring and assessments of various Waste management systems in the college.
- Regular monitoring and follow up procedures managed by the Institution Waste
   Management Cell for effective implementation at department levels.
- Train faculty, non-teaching staff, students and housekeeping staff to make the Institute a role model in the area of Energy conservation.
- Promote Collaborations with Govt. Bodies/Industries/NGOs to promote sustainable practices in the Campus
  - · Review the Policy on a regular basis.
  - Bench mark the Campus using the green norms.

#### Responsibilities and Roles

The Waste Management Team comprises of:

- a. Principal
- b. IQAC Coordinator
- c. Faculty Representatives from all Departments
- d. Incharge Staff Coordinator of Housekeeping

The team should carry out the action plan and ensure that the Waste Management strategy is organized and implemented optimally.

#### Waste Management Plan

- 1. Constitute the Waste Management Cell with representatives from all Departments, for effective implementation.
  - 2. Regular Monitoring of Waste generation.
- Monitor and Evaluate the Waste generation, disposal and collection system in the Campus regularly.
- 4. Initiate sustainable practices like Composting for Waste, generated from the Canteen.

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- Reduce e-Waste to maximum with proper maintenance, before moving on to Replace & Recycle stage.
- Continue to introduce innovative strategies to reduce paper Waste and plastic Waste in the Campus
- Ensure effective disposal methods for Laboratory and Hazardous Wastes generated in the campus.
- Provide training for faculty, students and staff about Waste Management and practicing Sustainable habits.
- 9. Include Sustainable Project learning strategies for Waste Management in the curriculum with Industry tie up.
  - 10. Conduct awareness programs on Fire Safety, Occupational Safety and Work Ethics.

#### Mechanisms

The Waste Management Cell should lay down well-defined procedures as mentioned below

- i. Create Implementation guidelines
- ii. Monitoring and follow-ups

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# Facilities in the Institution for the management of the various types of degradable and non-degradable waste

- 1. Solid waste management: The institution has waste collection-cum-segregation and disposal system. Paper, dry leaves, kitchen waste are biodegradable while plastics and e-waste are classified as non-biodegradable. Appropriate methods are followed for waste disposal. Biodegradable waste is collected in green bins and non-biodegradable waste is collected in blue bins which are kept all over the campus. Kitchen waste is dropped in biogas pit, dry leaf litter are dropped in vermicompost pit and the compost generated is used as fertilizer for plants in the campus. The paper waste is sent for recycling. Reparable metal and wooden furniture such as tables and chairs are refurbished and reused while non-reparable items are disposed of through authorized dealers.
- 2. **Liquid waste management:** Negligible amount of liquid waste is produced by the Institution. The RO plant's rejected water is used in washrooms. The liquid waste from chemistry laboratory is neutralized before draining.
- 3. **Biomedical waste management:** Biomedical waste is not produced by the Institution.
- 4. **E-waste management:** E-Wastes such as discarded computers, accessories and other electronic waste are disposed through authorized sources to protect the environment.
- 5. **Hazardous chemicals and radioactive waste management:** Hazardous chemicals and radioactive waste are not produced by the Institution.

Sarojini Naidu Vanita Maha Vidyalaya Exhibition Grounds, Hyderabad-500 001