



**sasi** INSTITUTE OF  
**autonomous** TECHNOLOGY &  
ENGINEERING

Accredited by **NAAC** with "A" Grade,  
Recognised by UGC under section 2(f) & 12(B)  
Approved by **AICTE** - New Delhi  
Permanently Affiliated to JNTUK, SBTET,  
Ranked as "A" Grade by Govt. of A.P.,

Ref: SITE/AO/P&D/12/2021-22/01

Date: 30-12-2021

**Orders of the principal dt.30.12.2021**

**OFFICE CIRCULAR**

**Sub: Measures initiated by the Institution for degradable and non-degradable waste–Reg.**

Ref1: Letter dt.30.12.2021 from Dr T V Rama Krishna, Coordinator, IQAC

Ref2: AQAR: 7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste

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**Solid Waste Management**

- Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling.
- College adopts almost paperless concept by digitization of office procedures through electronic means via WhatsApp as group, email and Google classroom; thus, reducing paper-based waste and reduce carbon dioxide emissions.
- Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, memos and notes in office practices as environmentally preferred alternative to waste management to reduce pollution.
- Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities.
- Biodegradable kitchen waste from mess and cafeteria, horticultural waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting. Vermicompost so produced is enriched with watersoluble nutrients and is used in organic farming.
- Dustbins have been installed throughout campus for waste segregation
- Plant clippings are used by local villagers in cattle feeding
- Waste food and leftover of mess and cafeteria is taken away by staff for hog feeding

### E-Waste Management

- Electronic gadgets are repaired for minor defects by our lab technicians to ensure its optimum utilization.
- The electronic waste components such as computer system components, CPU and ICs are used in practical demonstration to our students. Such components are also used for demonstration in workshops organized by SITE for students of nearby schools.
- Some of the reusable electronic components like resistors, capacitors, inductors, diode, transistor, thermistors etc. are removed from the gadgets and used by students in making projects in DIY.
- Students are also made aware of E-Waste issues and its safe disposal.

### Hazardous Chemicals and Radioactive Waste

- Campus is free from any kind of radioactive waste.
- The three most commonly generated chemical waste mixtures from Chemistry lab consists of heavy metals solutions, corrosive liquid wastes, and organic solvent wastes.

### Waste Recycle System

- Paper waste is sold out for its recycling in paper industry.
- Cement concrete cubes as a waste of Concrete Lab are used as pavers in campus.
- Vermicomposting used to recycle solid waste, peels of vegetable and food waste.
- Food Waste is taken away by staff to feed their cattle
- Liquid Waste after proper treatment used in irrigation.
- Kitchen waste is used in Bio Gas plant to generate Methane gas

### CC To

Mail & Hard copy to: Hon'ble Chairman, SITE

Mail & Hard copy to: Hon'ble Vice-Chairman, SITE

Mail & Hard copy to: PA to principal

Mail & Hard copy to: Principal polytechnic

Mail & Hard copy to: Director, SITE


Mail & Hard copy to: Dr. T V Rama Krishna, IQAC-Coordinator

Mail & Hard copy to: HoDs.. CE/ME/CSE/IT/CST/ECE/ECT/EEE/ AS&H /MS

Mail & Hard copy to: Exam. Section/Automation/Central Library/IQAC/AO/Transport/Hostel/Canteen/Sports

Mail to: All faculty members

Mail to: All students

  
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