



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

E-mail: [diet.principal@gmail.com](mailto:diet.principal@gmail.com), [principal@diet.ac.in](mailto:principal@diet.ac.in), website: [www.diet.ac.in](http://www.diet.ac.in), Phone: +91-8333924842, 8333924843

---

## Divyangjan Policy Document

The Government of India formulated the national policy for persons with disabilities in February 2006 which deals with the educational rehabilitation of persons with disabilities, therefore because of this DIET has implemented these policies in the teaching and learning process. The DIET's policy recognizes that persons with disabilities are a valuable human resource for the institution and seeks to create an environment that provides equal opportunities, protection of their rights, and full participation in the academic environment.

**The policy emphasis centers on the following objectives:**

1. In order to guarantee that the building's design, including any ramps or lifts and wheel chair facility, is tailored to meet the needs of individuals with disabilities.
2. Disabled individuals should have access to washroom facilities that are reachable, gender-sensitive, safe, usable, and useful in order to ensure their needs are met.
3. To give motivation and inspiration to disabled individuals, need to conduct webinars/seminars with well-known motivational speakers.
4. It is imperative to provide sufficient and suitable resources and assistive technology, along with responsive leadership, teaching staff, and college communities, to ensure learners with disabilities receive adequate support both inside and outside the classroom.

Since 2009, we have been dedicated to welcoming and supporting students with disabilities at DIET. Friendliness Resources available in the institution for differently abled (Divyangjan) are:

**1.Physical facilities:** The college provides special facilities like Wheel Chair for the differently abled students and persons to provide them opportunities to acquire quality education and to bring them into the main stream of the society. The college has a social responsibility and perception that differently abled students should be respected and treated as a normal human being.

**2.Provision for lift:** Parking for people with disabilities is available near the building. This is easily accessible to cross-disability groups equally. Accessible indoor parking spaces are located close to the

lift. The doors should be wide enough to accommodate wheelchair users and the space inside is sufficient for them. Appropriate heights control panels and the large buttons are embossed.

**3.Ramp / Rails:** The college has a special facility of ramp and rails for the differently abled students to access all the floors of the main building. The main entrances and exits clearly identifiable and easily accessible. And it can accommodate wheelchair users. Steps and ramps have hand railings and the entrance permitting access to a conveniently located lift.

**4.Braille Software/facilities:** The differently abled students are provided the facility of the Braille Software to develop their skills. The college helps them to develop their language and other skills through Braille Software.

**5.Rest Rooms:** Separate toilets are available for people with disabilities. They are clearly identifiable and accessible. The doors are wide enough. There is enough maneuvering space inside. All floor surfaces are slip resistant. Mirrors, flushing arrangements, dispensers mounted at appropriate heights.

**6.Scribes for examination:** There are some students who feel difficult to take the examination and they need scribes with them. The college provides or allows the students to take the help of scribes in the examination with the permission of the Controller of Examinations, JNTU Kakinada.

#### **7. Additional Benefits to Physically disabled Students:**

As per Circular No. DE/Transcripts/PC/2019 Dated: 07/01/2019 JNTU Kakinada given orders regarding Hearing impaired, Orthopedically Handicapped, Visually challenged students are eligible for

- (i) Exemption from payment of examination fees
- (ii) Reduction of pass marks in each subject by 10%.

The Indian government has released guidelines for evaluating disabilities at higher educational institutions. The institution, in accordance with government regulations and the affiliated university guidelines, shall strive to promote inclusion and support for individuals with disabilities.



**PRINCIPAL**



Principal  
DHANEKULA INSTITUTE  
OF ENGINEERING AND TECHNOLOGY  
Ganguru, Vijayawada-521 139



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

E-mail: [diet.principal@gmail.com](mailto:diet.principal@gmail.com), [principal@diet.ac.in](mailto:principal@diet.ac.in), website: [www.diet.ac.in](http://www.diet.ac.in), Phone: +91-8333924842, 8333924843

---

## e-Waste Management Policy

At DhaneKula Institute of Engineering and Technology, we are committed to maintaining a clean, sustainable, and environmentally responsible campus. Our E-Waste Management Policy reflects our dedication to managing electronic waste in an eco-friendly and socially responsible manner.

### **Policy Statement:**

DhaneKula Institute of Engineering and Technology acknowledges the environmental impact of electronic waste (e-waste) and is committed to minimizing this impact through responsible e-waste management practices. Our goal is to foster a campus community that actively participates in the sustainable disposal and recycling of electronic devices.

### **Objectives:**

#### **1. Minimize E-Waste Generation:**

- Promote responsible use and purchase of electronic devices.
- Encourage repair and upgrade of electronic equipment before considering disposal.

#### **2. Effective E-Waste Collection:**

- Establish designated e-waste collection points across the campus.
- Ensure proper segregation of e-waste based on type and category.

#### **3. Raise Awareness:**

- Conduct regular awareness programs for students and staff on the environmental impact of e-waste.
- Educate the campus community on proper disposal methods and the benefits of recycling.

#### **4. Secure Data Destruction:**

- Implement secure data wiping or destruction procedures before disposing of electronic devices.
- Collaborate with certified e-waste recyclers to ensure data privacy during disposal.

#### **5. Compliance with Regulations:**

- Stay abreast of local and national e-waste disposal regulations.
- Ensure adherence to legal requirements in the disposal and recycling of electronic waste.

#### **• Policies:**

##### **1. Responsibility of Users:**

- All students and staff are responsible for the proper disposal of their electronic devices.
- Encourage donation or recycling of old electronic equipment instead of disposal.

##### **2. E-Waste Collection Bins:**

- Install clearly marked e-waste collection bins in easily accessible locations across the campus.

##### **3. No Landfill Disposal:**

- Strictly prohibit the disposal of electronic waste in landfills.
- Collaborate with authorized e-waste recycling agencies for responsible disposal.

##### **4. Regular Audits:**

- Conduct periodic audits to assess the effectiveness of e-waste management practices.
- Make improvements based on audit findings to continually enhance the policy.

##### **5. Training and Education:**

- Provide training to staff involved in e-waste management.
- Incorporate e-waste management education into the curriculum for students.

#### **E-Waste Management Structure:**

Establish an E-Waste Management Cell, led by a designated faculty member. Department representatives will form part of this cell to ensure effective implementation at the departmental level.

#### **Renewable Energy:**

Promote the use of renewable energy sources to power electronic waste management processes, reducing the overall environmental impact.



**Conclusion:**

Dhanekula Institute of Engineering and Technology's E-Waste Management Policy is a testament to our commitment to environmental sustainability. By responsibly managing electronic waste, we contribute to a cleaner and greener future while educating our community on the importance of e-waste recycling. Together, we strive to create a campus that exemplifies responsible and sustainable e-waste management practices.



**PRINCIPAL**



Principal  
DHANEKULA INSTITUTE  
OF ENGINEERING AND TECHNOLOGY  
Ganguru, Vijayawada-521 139





# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

E-mail: [diet.principal@gmail.com](mailto:diet.principal@gmail.com), [principal@diet.ac.in](mailto:principal@diet.ac.in), website: [www.diet.ac.in](http://www.diet.ac.in), Phone: +91-8333924842, 8333924843

## POLICY ON SOLID WASTE MANAGEMENT

As an Institute we take steps in whatever small way we can to support the global cause by initiating a few, but concrete steps to meet the clean and green environment goals.

This initiative was taken in view of the national mission on “Clean and Green Environment” followed by Sustainable Development Goals, Swatch Bharat Abhiyan, single use plastic ban, dry and wet waste garbage separation, Rain Water Harvesting, usage of controlled water, recycling of used water, e-waste separation and so on so forth following Indian Standard proceedings.

The campus has solid waste management system for promoting systematic control of generation, storage, collection, transport, processing, and disposal of solid waste. Solid Waste Management Personnel also focused on performing environmentally sound methods of handling garbage with the main aim of reducing and eliminating adverse impacts of waste materials on staff and student health and environment and thereby to support economic development and superior quality of hygiene and cleanliness lifestyle.

### **OBJECTIVES**

1. Minimize the generation of waste through waste reduction and resource conservation measures.
2. Promote recycling and reuse of materials wherever feasible.
3. Ensure proper collection and segregation of waste to facilitate efficient waste management.
4. Implement appropriate treatment and disposal methods for non-recyclable waste.
5. Educate and raise awareness among staff, students, and other stakeholders about the importance of responsible waste management practices.
6. Comply with relevant environmental regulations and legislation.

### **RESPONSIBILITIES**

1. College Administration
  - i) Develop and implement a comprehensive solid waste management plan.
  - ii) Allocate necessary resources, including personnel, equipment, and facilities for waste management activities.
  - iii) Conduct periodic reviews and audits to assess the effectiveness of waste management practices.
  - iv) Shall maintain records of e-waste generated by departments and make such records available for scrutiny by the Authorities.
  - v) Ensure electrical and electronic equipment (e-waste) generated in the campus is channelized to authorized collection centers or registered dismantler or recycler or is returned to pick-up or take back services provided by the producers.

## 2. Faculty and Staff

- i) Promote waste reduction practices and encourage the use of environmentally friendly materials
- ii) Ensure proper segregation of waste at the source and facilitate recycling initiatives.
- iii) Cooperate with the waste management team and support waste management awareness programs

## 3. Students

- i) Follow waste segregation guidelines and participate actively in recycling programs.
- ii) Encourage fellow students to adopt responsible waste management practices.
- iii) Report any concerns or suggestions related to waste management to the designated authorities.

## 4. Waste Management Personnel

- i) Ensure the proper collection, segregation, and disposal of waste in designated bins.
- ii) Coordinate recycling efforts, including collection, sorting, and transportation of recyclable materials
- iii) Monitor waste management processes and implement necessary improvements.
- iv) Undergo training sessions and workshops by supervisor about waste management.
- v) Affixing a visible e-waste symbol on the bins allocated exclusively for e-waste to prevent e-waste from being dropped in garbage bins containing waste destined for disposal.



A handwritten signature in green ink, appearing to be 'D. C. ...'.

**Principal**

Principal  
DHANEKULA INSTITUTE  
OF ENGINEERING AND TECHNOLOGY  
Ganguru, Vijayawada-521 139





# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

E-mail: [diet.principal@gmail.com](mailto:diet.principal@gmail.com), [principal@diet.ac.in](mailto:principal@diet.ac.in), website: [www.diet.ac.in](http://www.diet.ac.in), Phone: +91-8333924842, 8333924843

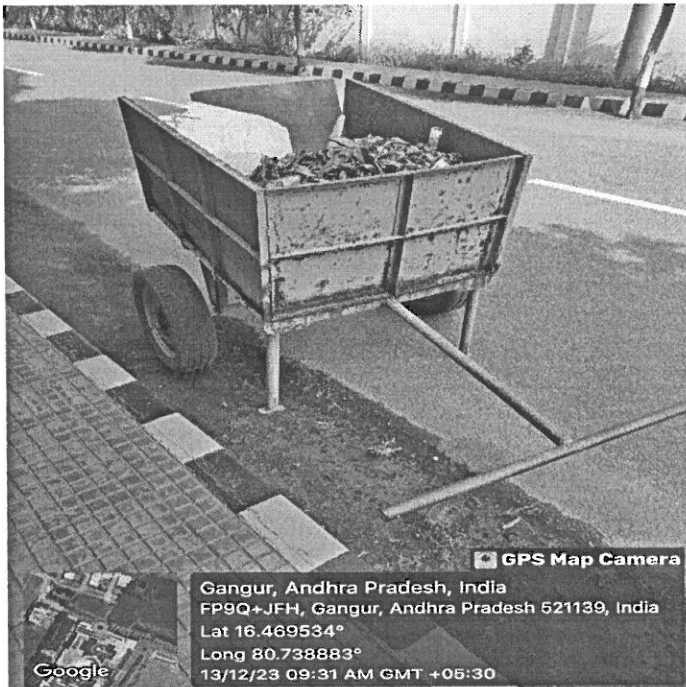
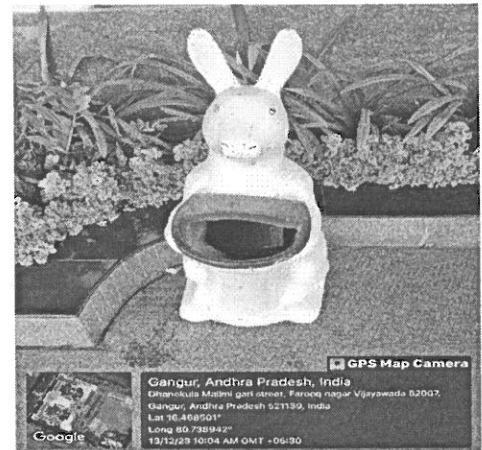
## REPORT ON WASTE MANAGEMENT

### TYPE OF WASTE MANAGEMENT IN THE CAMPUS

- Solid Waste Management
- Liquid Waste Management
- E – Waste Management

### SOLID WASTE MANAGEMENT

- The campus has solid waste management system for promoting systematic control of generation, storage, collection, transport, processing, and disposal of solid waste.
- The bins for collection of solid waste are placed at appropriate locations throughout the campus.
- The floor dustbins are emptied in containers/dustbins provided for each floor and is taken to the dumping yard provided by the college.
- The waste is segregated into recyclable waste and organic waste and then sent to safe disposal facility nearby campus.



- Old records and books left in campus and campus hostels have collected and sent to recycling process.
- Building demolition waste and rubble are used for filling cuts or potholes in the roads nearby campus. Construction waste from the campus is stored behind Civil Mechanical Workshops to reuse or recycle by external agencies.
- **Plastic ban:** Notices are displayed in campus to refrain from use of single use plastics. In addition, Students and Staff members are encouraged to use Cloth/Paper bags rather than plastic bags.

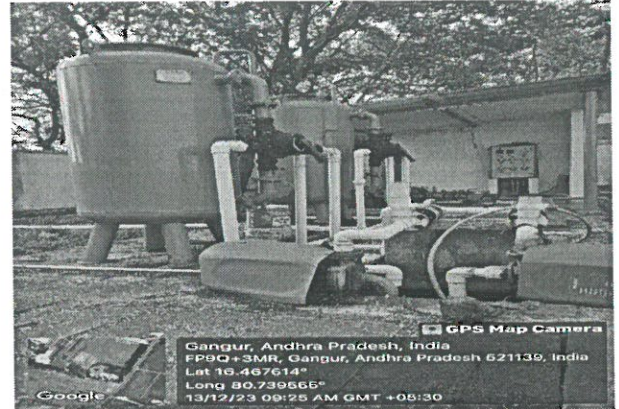
## LIQUID WASTE MANAGEMENT

### Hazardous Waste Management

- Hazardous Chemical solutions from chemical lab and environmental engineering lab are conveyed through separate pipe system into a pit of 0.5m depth.
- Lab In- charge takes care of the chemicals and safety norms in the laboratory are strictly followed.
- The Chemical labs are well ventilated and spacious. 24 hour water supply is available in the Labs.

### Waste Water Management

- The institution has Sewage Treatment Plant (STP) of 100 KLD capacity to remove the contaminants from wastewater including domestic sewage and runoff (effluents).
- The plant is of FAB type. The Fluidized Aerobic Bioreactor (FAB) is an advance hybrid biological system primarily designed to reduce the footprint area required and to make effortless installation and trouble-free operation while increasing the treatment. efficiency.



## E-WASTE MANAGEMENT

- All electrical waste such as tube lights, bulbs, old switches, and wires are stored separately. The house keeping team has been trained in handling all categories of waste.
- Computers, Printers, and other equipment which cannot be used are sold to the vendors for recycling or buy back schemes



**Principal**

Principal  
DHANEKULA INSTITUTE  
OF ENGINEERING AND TECHNOLOGY  
Ganguru, Vijayawada-521 139





# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

GANGURU :: VIJAYAWADA – 521 139

(Approved by AICTE New Delhi, Permanently Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified Institution, Accredited by NBA for ME, EEE, ECE & CSE.

E-mail: [diet.principal@gmail.com](mailto:diet.principal@gmail.com), [principal@diet.ac.in](mailto:principal@diet.ac.in), website: [www.diet.ac.in](http://www.diet.ac.in), Phone: +91-8333924842, 8333924843

## GREEN CAMPUS INITIATIVE

Green Campus Initiative in DIET is a plan to eco-friendly campus which creates pleasing experience to the people at the campus so that the students, staff, and others feel learning enjoyable.

Initiative includes the following steps:

1. Restricted entry of automobiles in the academic instruction areas, labs, and hostels.
2. **Bicycles:** The faculty members and students residing nearby are encouraged to come by bicycles to prevent the emission of carbon dioxide in the campus. In the campus, a total of 10 bicycles are being used by the students.

### **3. Pedestrians Friendly Roads**

The campus has wide, well maintained black top roads, covering every nook and corner of it. It has foot paths on both the sides. The surrounding Walker's Club members also use our roads frequently in the early mornings and late evenings.

### **4. Plastic free campus**

Use of plastic bags and cups are discouraged in the campus. Even in canteen usage of steel plates/ leaf plates and steel or paper cups are mandatory. Paperless office: Management has taken keen interest to make the office a paperless office. The accounts/office and academic information is stored and maintained through systems only The complete campus is WiFi enabled, making it much easier for paper less activities Even the official information and circulars are preferred to be sent only through mails. The Plastic Free campus program aims to reduce single-use plastics in campuses by encouraging students & faculties to make plastic-free commitments to use reusable water bottles and tote bags and pack waste-free lunches.

### **5. Green landscaping with trees and plants**

Almost 50% of total area is covered with trees and lawns. A number of trees exist at different places in the college. Tree plantation in the campus is the regular activity of the NSS. A total of 629 (579 trees inside the campus and 50 trees outside campus) were planted and maintained since college establishment. Two separate parking facilities are provided in the campus one for students and outers and another for faculty for conveyance of rush during entry and exit.

  
Principal



Principal  
DHANEKULA INSTITUTE  
OF ENGINEERING AND TECHNOLOGY  
Ganguru, Vijayawada-521 139