



GLOBAL Institute Of Engineering & Technology

(Approved by AICTE & Affiliated to JNTUH)

Estd -2006

Recognized, Sec 2(f), UGC Act 1956; ISO 9001 : 2015 Certified

Beside Moinabad Police Station, Chilkur (V), Moniabad (M), R.R. Dist., T.S - 501 504.

Phone : 040-66612734, 9951182039.

email:gieteng@gmail.com

website:www.globalhyd.edu.in

JNTUH (U6)

EAMCET CODE : GLOB

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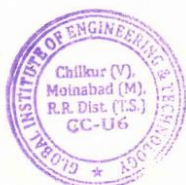
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Solid Waste



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Wood waste in GIET Campus



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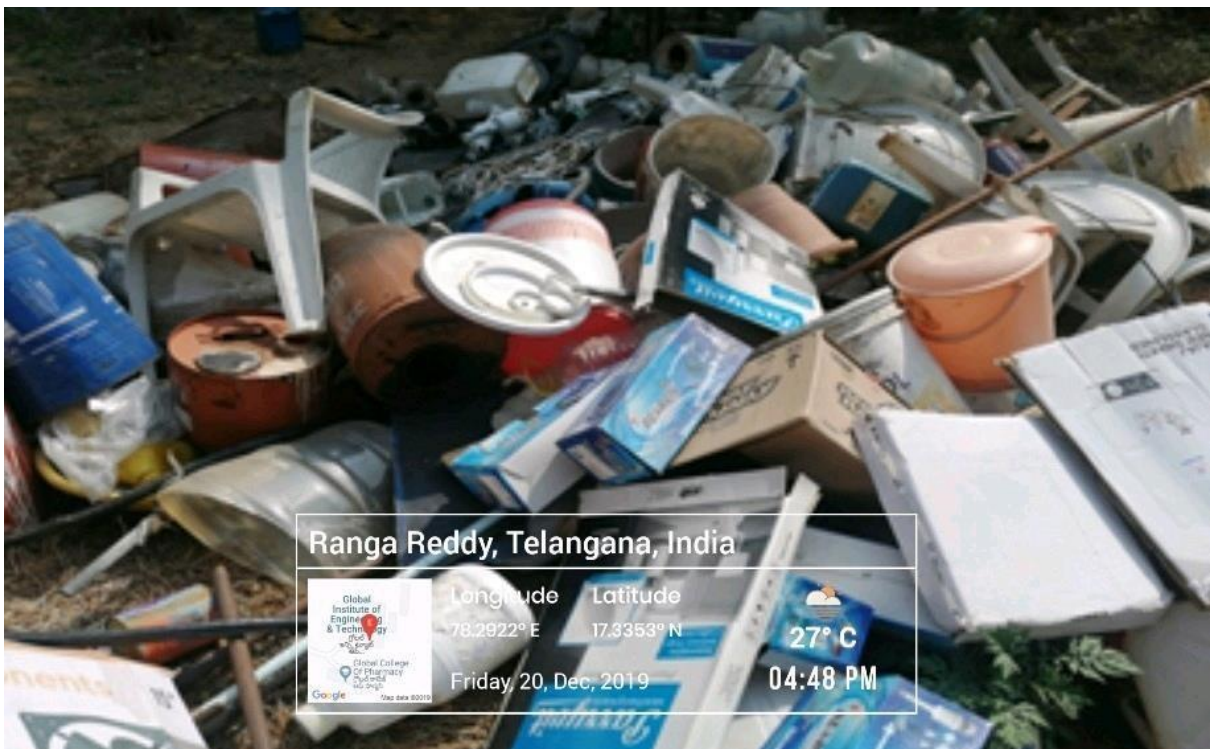
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Other solid waste




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Paper waste




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Sewage Treatment Plant in GIET Campus



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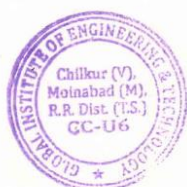
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Liquid waste from Chemistry Lab



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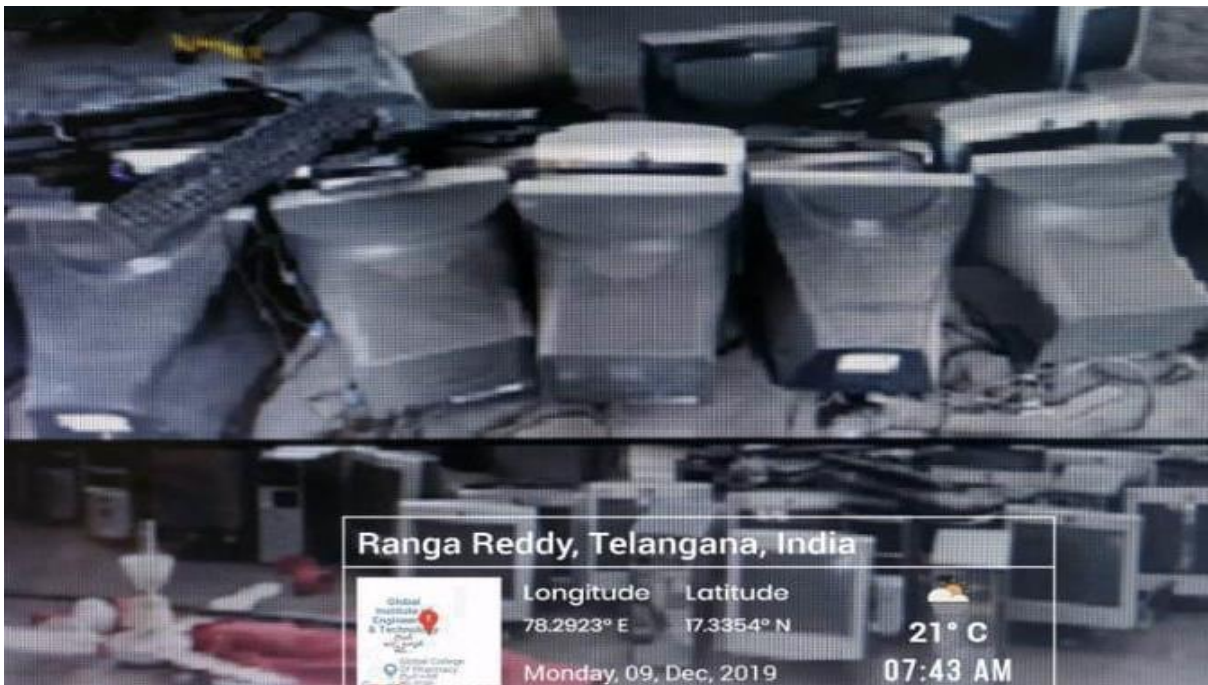
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E – Waste



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Waste Management

Global Institute of Engineering and Technology, Moinabad, Hyderabad, affiliated to JNTUH, is a prime institution having eco-friendly, go green campus. The serene campus is spread over 28 acres of land with beautiful flora and fauna including a greenhouse for technology driven organic farming approach and IoT applications.

Saving the planet requires individual to make life style changes that take the environment into consideration year around. Managing how we use the resources from the mother earth is key to environmental sustainability and success.

Waste management is the process of treating Solid, Liquid and E-Waste. It is about how garbage can be used as a valuable resource. The first step in waste management is to gain an understanding of the waste types being generated in order to design appropriate collection and disposal strategies. It has three important types

1. Solid waste management
2. Liquid waste management
3. E-waste management

1. Solid Waste Management:

Solid waste management involves actions required to manage waste from its inception to its final disposal in safe form. This includes collection treatment and disposal of the waste together with the regulations of waste management process. Solid material if not properly discarded can create unsanitary conditions which in turn lead to pollutions and vector borne diseases. Few methods of solid waste disposal are open burning and dumping into the water resources. To control this procedure we are practicing use of both sides of paper. We are reducing handouts by using smart boards, projectors, white boards and black boards. The garbage is buried in deep pits.

Accumulation of solid waste i.e. Garbage is a major concern for the future of our planet. The college has adopted a policy which ensures **Zero Waste Campus**.

The waste hierarchy refers to the “5 Rs” –that is Refuse, Reduce, Reuse, Recycle and Rot. Use of single polythene and plastic is strictly prohibited. The leftover food from the hostel and canteen is used for converting into Bio gas.

- Refuse: The College has banned single use plastics. We refuse over use of plastics.
- Reduce: The strategy to reduce the use of electricity and water is followed by sticking captions for reduction in the use of electricity and water. Most of the candescent lights are replaced by LED bulbs.
- Reuse: We have reused the waste mineral water bottles and discarded tyres of vehicles to augment our canteen and constructed an Eco-friendly toilet in Anganawadi school at Chilkur village using discarded plastic bottles.

- **Recycle:** Our students have used recycled plastic waste to make a pavement in the campus where cheaper shredded plastic waste is used in place of costly sand.
- **Rot:** Rot is a natural decomposition process to manage organic resources like leftover food, dead leaves, tree limbs and grass clippings to be converted into Vermicompost. The food which is leftover from the hostel and canteen is being used for converting into Bio gas which is produced from the bio gas plant of 10 cubic mts constructed in the campus. This Vermicompost grown in our campus is being used as an organic fertilizer for our greenhouse farming.

2. Liquid Waste Management:

Sewage treatment is the process of removing contaminants from waste water, from sewage. It includes physical, chemical, and biological processes to remove these contaminants and produce environmentally safer treated wastewater (or treated effluent). A by-product of sewage treatment is usually a semi-solid waste or slurry, called sewage sludge, which has to undergo further treatment before being suitable for disposal or land application.

The term "sewage treatment plant" (or "sewage treatment works" in some countries) is nowadays often replaced with the term "wastewater treatment plant".

Sewage can be treated close to where the sewage is created, which may be called a "decentralized" system or even an "on-site" system (in septic tanks, bio-filters or aerobic treatment systems). Alternatively, sewage can be collected and transported by a network of pipes and pump stations to a suitable disposal site.

The college is proud to construct a Sewage Treatment Plant (STP) of 5 KLD as an In-house major project from the department of Civil Engineering. Liquid Waste water from toilets and chemistry lab along with the solid waste is treated to produce water which is used in sprinklers for the campus landscaping.

3. E-waste management: E-waste is essentially in the form of electronic items which are rendered useless. Such items are either repaired or returned to the suppliers for disposal as per the manufacturer's policy. E- Waste or electronic waste describes how electrical and electronic devices are discarded. Used electronics which are destined for refurbishment, reuse, resale, and salvage through material recovery or disposal are considered as ewaste. When improperly disposed the heavy metals, plastics and other components in e-waste can pollute the air and water. Proper e-waste management can reduce the greenhouse emissions.

The college has adopted guidelines for buying greener electronics, disposing of "e-waste" and so called "take-back" recycling, which places the burden of e-waste recycling and disposal on the electronics manufacturers rather than the college. Every 2 Years the E- Waste is sorted out and sent to the local EWaste collectors. Presently, all our CRT monitors are replaced with LCD monitors, which use only about a one third to one half of the energy of a CRT monitor

M.M COMPUTERS AND LAPTOPS

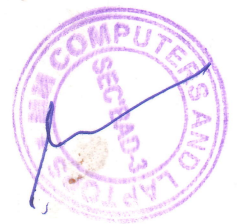
-----A COMPLETED COMPUTER AND IT PERIPHERALS-----

Date:- 03/11/2022

To whom so ever it may concern

This is to submit that we receive all the e-waste material like Monitors, Cabinets, Keyboards / Mouses, Harddisks, Rams, Processors etc., which are not in use from **Global Institute of Engineering and Technology. Moinabad. R.R Dist (TS)**

As a gesture we give them in this practice an exchange of small peripherals like External Harddisk. Pen Drive. keyboards. mouse pads etc. every year.



M.M COMPUTERS AND LAPTOPS

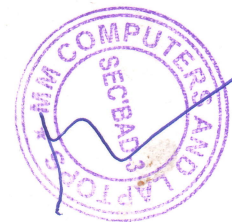
-----A COMPLETED COMPUTER AND IT PERIPHERALS-----

Date:- 01/10/2021

To whom so ever it may concern

This is to submit that we receive all the e-waste material like Monitors, Cabinets, Keyboards / Mouses, Harddisks, Rams, Processors etc., which are not in use from **Global Institute of Engineering and Technology. Moinabad. R.R Dist (TS)**

As a gesture we give them in this practice an exchange of small peripherals like Pen Drive, keyboards, mouse pads etc. every year.



23 CELLAR, CTC PARK LANE, SECUNDERABAD, 500003 off: 040-66314741, Cell # 9246369280.

M.M COMPUTERS AND LAPTOPS

A COMPLETED COMPUTER AND IT PERIPHERALS

Date:- 20/11/2020

To whom so ever it may concern

This is to submit that we receive all the e-waste material like Monitors, Cabinets, Keyboards / Mouses, Harddisks, Rams, Processors etc., which are not in use from **Global Institute of Engineering and Technology. Moinabad. R.R Dist (TS)**

As a gesture we give them in this practice an exchange of small peripherals like DVD External Drive, keyboards, mouse pads etc. every year.



M.M COMPUTERS AND LAPTOPS

A COMPLETED COMPUTER AND IT PERIPHERALS

Date:- 01/12/2019

To whom so ever it may concern

This is to submit that we receive all the e-waste material like Monitors, Cabinets, Keyboards / Mouses, Harddisks, Rams, Processors etc., which are not in use from **Global Institute of Engineering and Technology. Moinabad. R.R Dist (TS)**

As a gesture we give them in this practice an exchange of small peripherals like Pen Drives, keyboards, mouse pads etc. every year.



M.M COMPUTERS AND LAPTOPS

-----A COMPLETED COMPUTER AND IT PERIPHERALS-----

Date:- 23/07/2018

To whom so ever it may concern

This is to submit that we receive all the e-waste material like Monitors, Cabinets, Keyboards / Mouses, Harddisks, Rams, Processors etc., which are not in use from **Global Institute of Engineering and Technology. Moinabad. R.R Dist (TS)**

As a gesture we give them in this practice an exchange of small peripherals like Projector Screen, Pen Drive, keyboards, mouse pads etc. every year.

