

Policy waste disposal – landfill policy

GMRIT has continued to implement programs on waste disposal management. Segregation and measurement of plastic and non-plastic waste has been routinely carried out by the cleaning service and Health, Safety, Security and Environment unit.

Solid waste management (SWM) is taken care of by two means: In House utilization and Out Sourcing of waste.

IN HOUSE SOLID WASTE MANAGEMENT:

Solid waste generated in different places of the campus is collected in different bins with label, numbering more than 100. After sorting in different containers, in-house treatments are followed as: Nontoxic biodegradable waste is used for vermicompost manufacture. The campus has composite processing pits. The composite pits generated is used in nursery, flowering pots and for research purposes. Nontoxic biodegradable waste is also used as manure generated in manuring pits present in the campus area. Sewerage treatment plant is installed in the campus and treated water is used for gardening purposes. All the Bio -degradable waste is collected in a central place and used for compost through vermicompost unit. Compost pits have been constructed for creating composite pits. One pit takes 6 days to fill with Bio wastage and it takes 35 to 45 days to convert it into compost. Thus 50 bags capacity of 25 kg get ready in 45 days from one pit, i.e., approx. 1200 kg of Vermi Compost. After 8 days second pit starts to fill up by same process.

OUT SOURCING OF SOLID WASTE MANAGEMENT

For treatment of bio medical waste (non-biodegradable) a contractual agreement has been signed between Municipal Committee. They receive, collect and transport, in colour coded bags, on every week. For other non-biodegradable waste institute has tied up with local Municipal Committee. The waste at regular intervals is carried to dumping yard situated managed by Municipal Committee. This waste is transported regularly by the campus to the site by a contractor hired for the purpose. The institute has adopted minimum and essential use of paper policy which helps in conservation of resources and a small amount of paper is wasted.

GMR Institute of Technology

An Autonomous Institute Affiliated to JNTU-GV Vizianagaram
All UG Courses are accredited by NBA
Institute Accredited by NAAC with "A" grade (3rd cycle)
Ranked 188th in NIRF-2022



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Further, the garbage waste generated in the campus from offices, leaf litter etc is treated in the following ways: the campus has multiple composite pits in which nontoxic biodegradable waste is used for the manufacturing of vermicompost. The vermicompost is used in organic farming. Also, biodegradable waste is used as manure for waste land for providing green cover. Other non-biodegradable generated waste is transported at regular intervals to dumping yard for further treatment. The institute has its own sewage treatment plant for the treatment of sewage waste. The treated water is used for gardening purposes. The institute has adopted almost paper less mode of governance due to which very little paper is wasted. The paper generated in the form of answer sheets, practical note books etc. is auctioned to junk dealers for the recycling process. The littered leaves are transported to worm compost pits for the manufacturing of compost.

Further, the Institute organises various awareness programmes on waste management in the campus as well as in the nearby villages on ill effects of burning garbage.



A handwritten signature in blue ink, appearing to read 'Prasad', written over a horizontal line.

Principal

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