



**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

(Approved by A.I.C.T.E., New Delhi & Affiliated to J.N.T.U.A, Ananthapuramu)

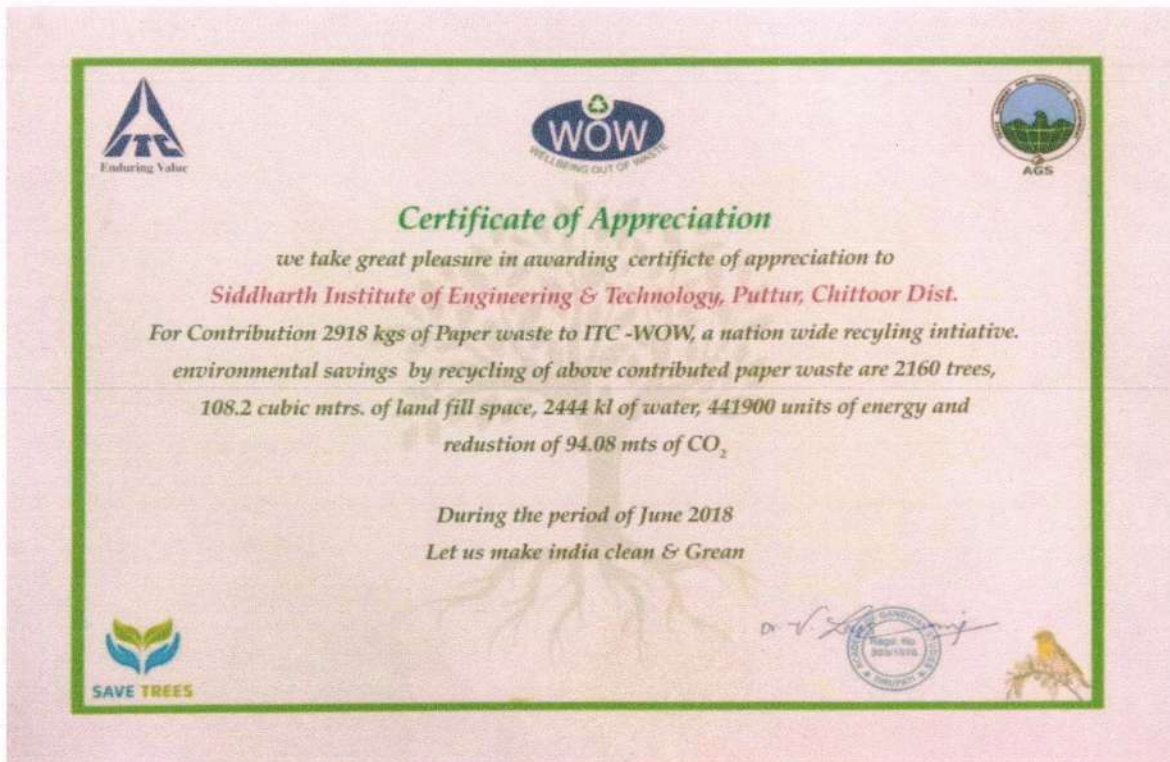
(Accredited by NAAC with 'A' grade)

(Accredited by NBA for CIVIL, EEE, MECH, ECE & CSE Courses)

SIDDHARTH NAGAR, NARAYANAVANAM ROAD, PUTTUR – 517 583
CHITTOOR DIST., A.P., INDIA

Solid Waste Management:

Solid waste is segregated as degradable and non-degradable and handed over to the concern authorities under MoU as a part of ITC – WOW and clean and green campus. The block safai workers in each floor collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided at each floor. The floor dustbins are emptied in containers/dustbins provided for each block and is taken to the Nagari Municipal Corporation (NMC). Sufficient quantity of bins are provided at wet waste prone areas like cafeteria, food processing along with daily collected vegetable waste, food waste is treated and converted into vermin compost and is used as manure further to develop garden and plants growth in the campus. Vermicomposting is a viable, cost effective & rapid technique for the efficient management of organic solid wastes.



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Bin at Auditorium - collecting Solid waste

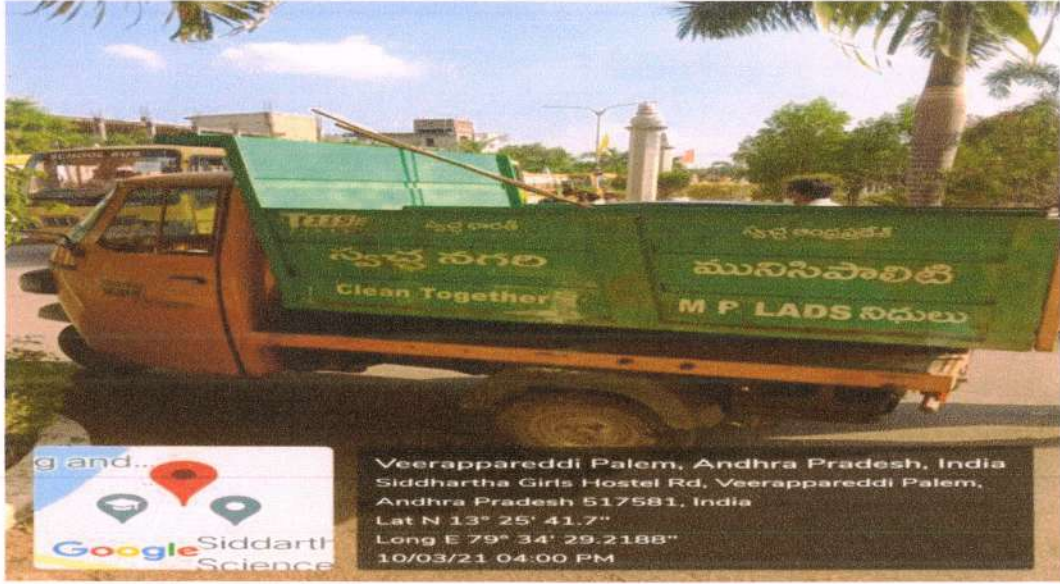


Municipality vehicle collecting Solid Waste

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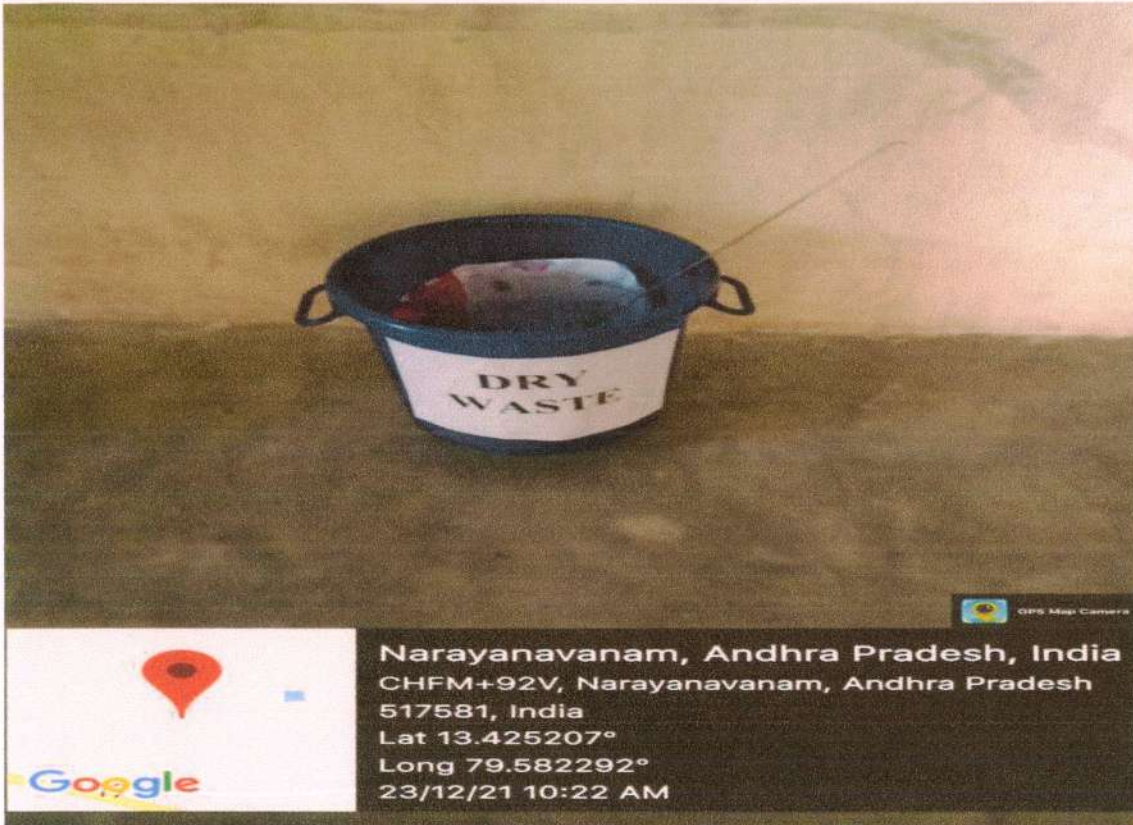


Municipality vehicle collecting Solid Waste



Municipality vehicle collecting Solid Waste

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Blue - Waste bin to collect dry waste such as papers



Blue and Green Waste bins at canteen to collect dry and wet waste

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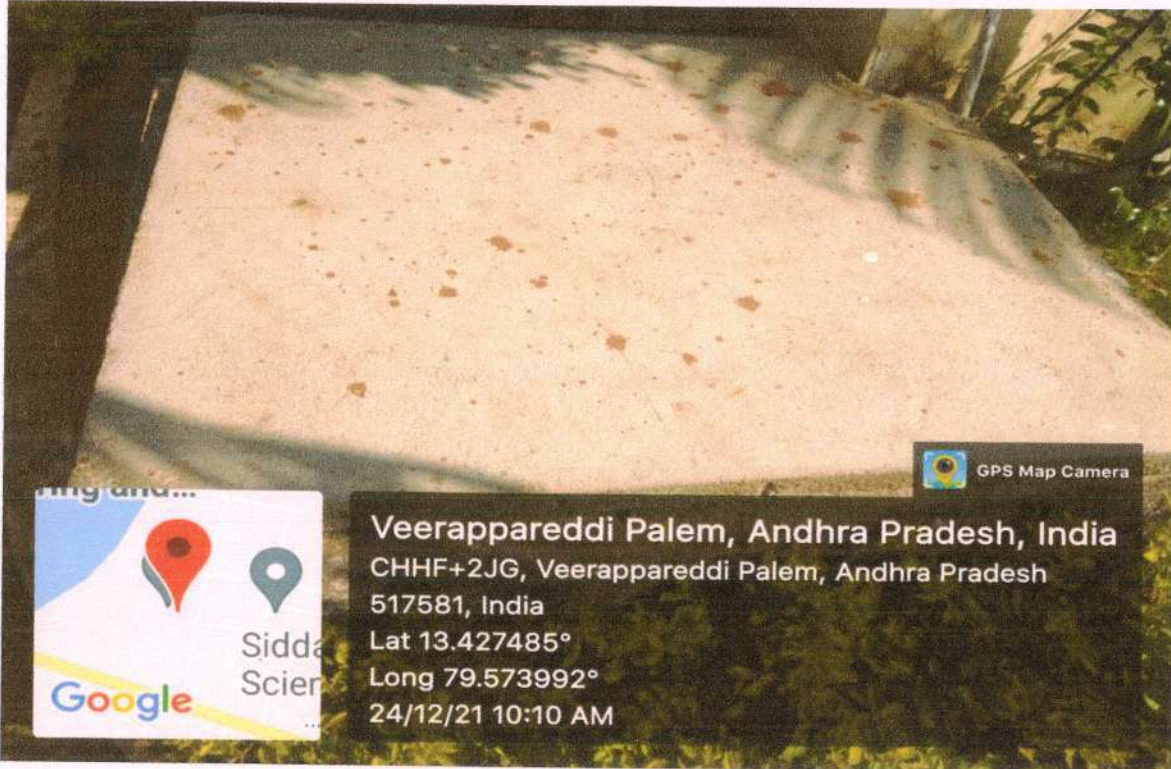
Liquid waste management:

Siddharth Institution has well-constructed drainage system connecting with closed water tank and tank is cleaned regularly. In chemistry laboratory, organic solvents are collected in a special container, chemically compatible, securely fitted with a tight-fitting lid and labelled as hazardous waste and safety aspects before utilizing them. Corrosive liquids are appropriately diluted to a pH between 5.5 and 10.5 and then, these can go down the drain. The labs are well ventilated and spacious. 24-hour water supply is available in chemistry and environmental engineering lab and safety of the students is given more priority in planning a facility.



Closed drainage – collecting liquid waste

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Closed drainage – liquid waste storage



Closed drainage – collecting liquid waste

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Closed drainage – liquid waste storage



Liquid waste collecting through pipes

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Biomedical waste management:

Bio-chemical wastage is very less because of healthy environment in the institution. The biomedical wastage is collected in the dustbin and safely disposed by the process of Incineration.



collecting Biomedical waste

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E-Waste Management:

E-waste generated by electronics equipments such as floppy, memory chips, motherboard discs, cartridges, Printers, Fax and Photocopy machines are recycled properly and replaced buying a new machine buyback option is taken for technology upgradation. The e-waste generated from hardware which cannot be reused or recycled is being disposed of through vendors.



E-Waste store room



E-Waste store room

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Solid waste management



Bin at Auditorium - collecting Solid waste

K. Sreelakshmi

PRINCIPAL

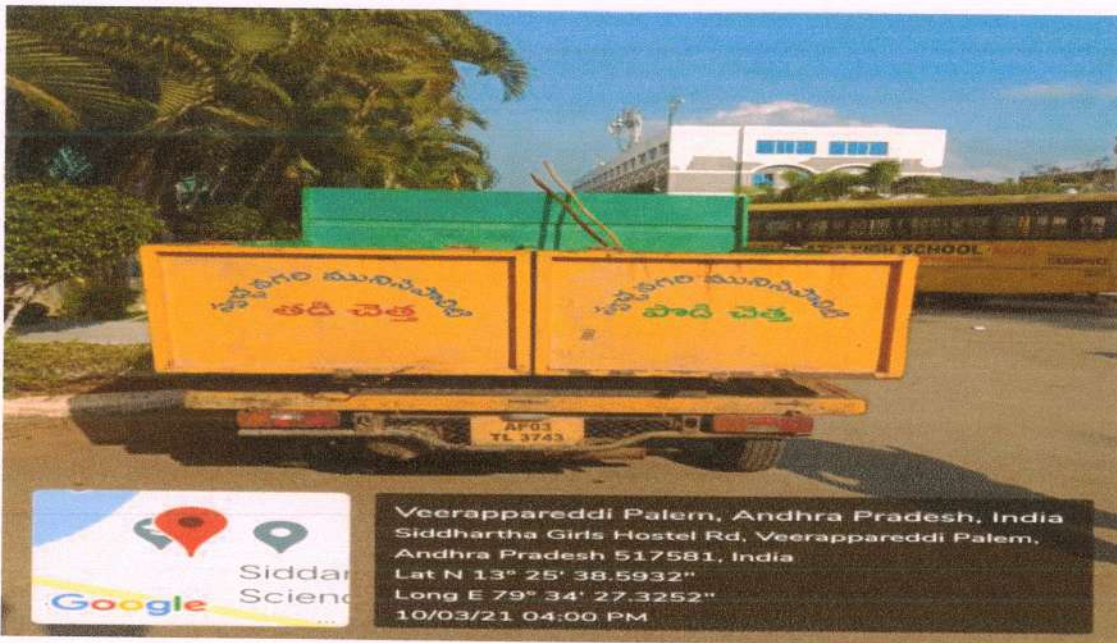
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Siddharth Nagar

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Municipality vehicle - collecting Solid waste

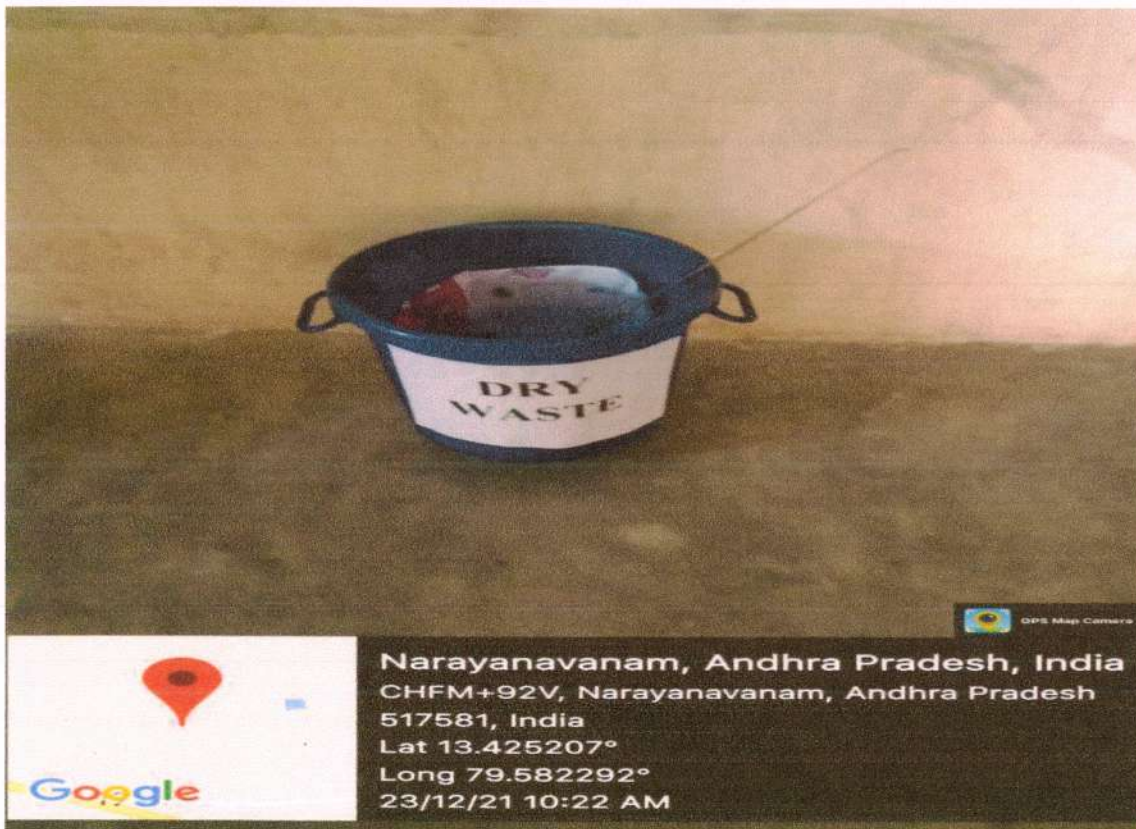


Municipality vehicle - collecting Solid waste

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Municipality vehicle - collecting Solid waste



Blue - Waste bin to collect dry waste such as papers

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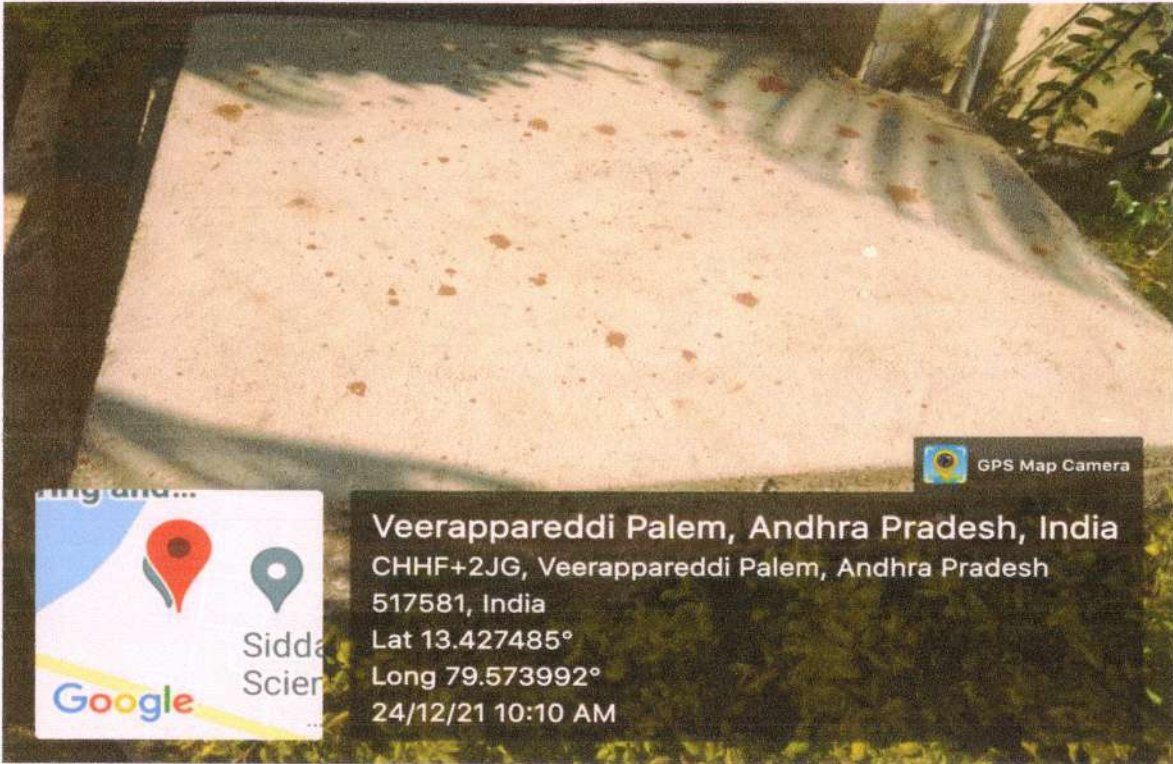
Blue and Green Waste bins at canteen to collect dry and wet waste

Liquid waste Management:



Closed drainage – collecting liquid waste

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Closed drainage – liquid waste storage



Closed drainage – collecting liquid waste

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Closed drainage – liquid waste storage

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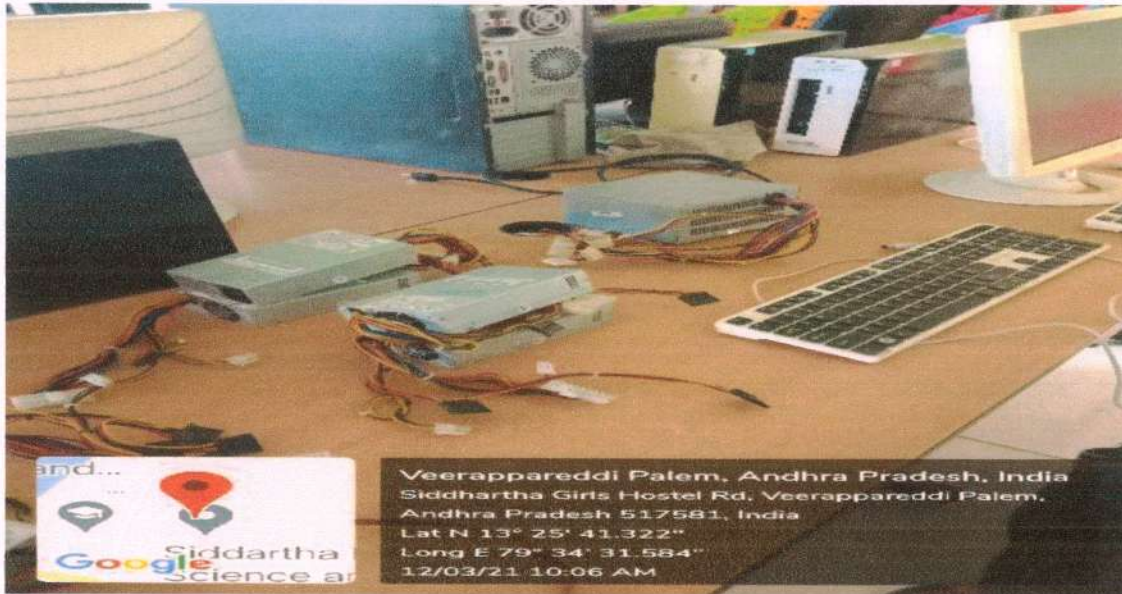
Biomedical waste Management:



Collecting - Biomedical waste

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E-Waste Management:



E-Waste- collecting store



E-Waste- collecting store

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