



BAPATLA COLLEGE OF PHARMACY

(Sponsored by Bapatla Education Society), (Recognized by AICTE, PCI)

(Affiliated to Jawaharlal Nehru Technological University, Kakinada)

Bapatla, Bapatla (Dist), Andhra Pradesh -522101

Management of various types of degradable and non degradable waste and energy conservation measures

The main motto of the Institute is to reduce, reuse and recycle the waste generated in the campus. The Institute has committed to reduce the waste by implementing certain measures in the campus. All stakeholders follow good hygienic practices as well as a comprehensive waste management plan. The Institute has signed MOU with Suraj Greenaries, Kadapa and Dharshana Enterprises, Vijayawada for management of solid waste and e waste respectively. Dustbins of different colors and labels for collection and segregation of degradable and biodegradable waste are placed at different locations in all floors of the campus. Non biodegradable waste is disposed for recycling for the recycling unit. One side printed papers are used for rough work. Waste water generated from campus is directed to gardening of plants. Rain water harvesting is done by construction of tanks and sumps. Water bodies are maintained by open and bore wells. Sanitary napkin incinerator is used for disposal of sanitary pads, installed in the campus. The dried leaves, animal waste, vegetable waste from canteen etc is composted into manure which is used as natural fertilizer for the plants in the campus. Plastic is banned to use in the campus.

LED bulbs are used in the campus for conservation of energy, durability and low heat emission. They consume less energy compared to incandescent bulbs. Proper measures are taken to switch off the fans and lights when not in use. The computers were set to power saving mode to turn off when not in use. Awareness programs were conducted on the importance of management of waste and energy conservation measures to all the students, faculty for maintaining sustainable and eco friendly environment.

T. Gopalakrishna

PRINCIPAL
Bapatla College of Pharmacy
Bapatla - 522 101

PRINCIPAL



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MANAGEMENT OF DEGRADABLE AND NON DEGRADABLE WASTE AND ENERGY CONSERVATION MEASURES

1. SANITARY NAPKIN INCINERATOR



2. **DISPOSAL OF E WASTE** : Proper disposal and management of waste which includes outdated electronic devices an MOU is signed with DHARSANA ENTERPRISES, which collected the obsolete equipment like monitors, CPU's etc from the campus.

T. Gopalakrishna

PRINCIPAL
Bapatla College of Pharmacy
Bapatla - 522 101



3. **SOLID WASTE MANAGEMENT:** Degradable and non biodegradable generated in the campus is collected in separate bins of Red, Blue and Green colors and placed at various locations in all floors the campus. An MOU signed with Suraj Krishna Greenaries, Kadapa for collection of solid waste like papers, carton boxes etc generated in the college for recycling. One side printed papers are used for rough work purpose. Social media like whatsapp is used for short communication avoiding the use of paper when not required.



T. Subalakshmi
 PRINCIPAL
 Bapatla College of Pharmacy
 Bapatla - 522 101

4. **COMPOST MANURE** : The dried leaves and animal dung in the campus is collected and made into manure which is used for growing plants in the campus



5. **WASTE WATER MANAGEMENT**: The waste water generated from washrooms, water plant, labs are directed to water the plants through proper drainage system



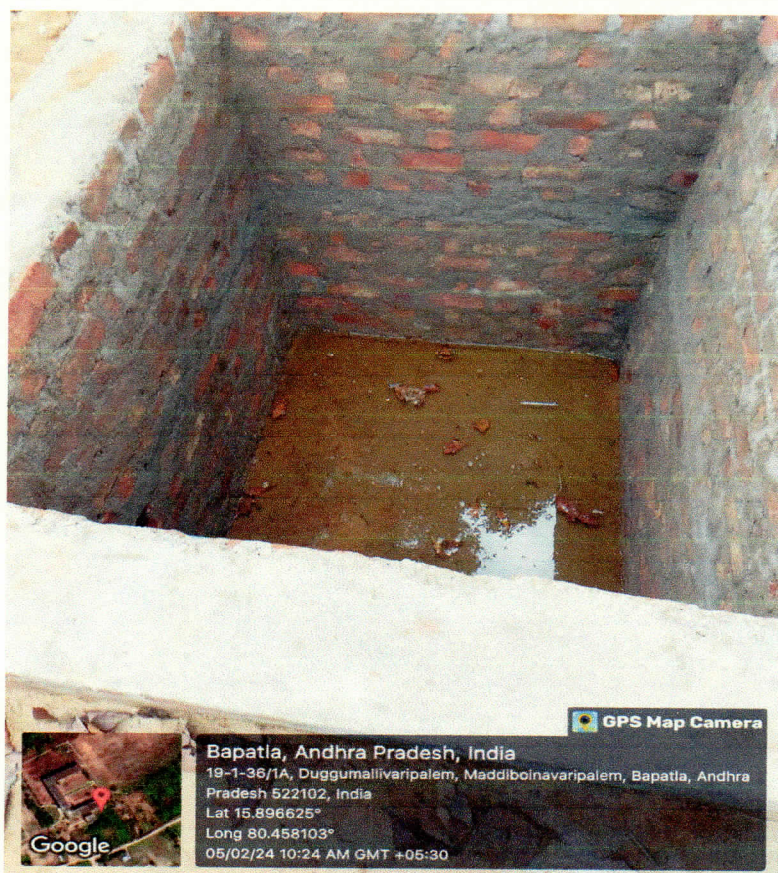
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PRINCIPAL
Bapatla College of Pharmacy
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6. **RAIN WATER HARVESTING AND MAINTENANCE OF WATER BODIES** in the campus by the help of open wells, bore wells and sumps



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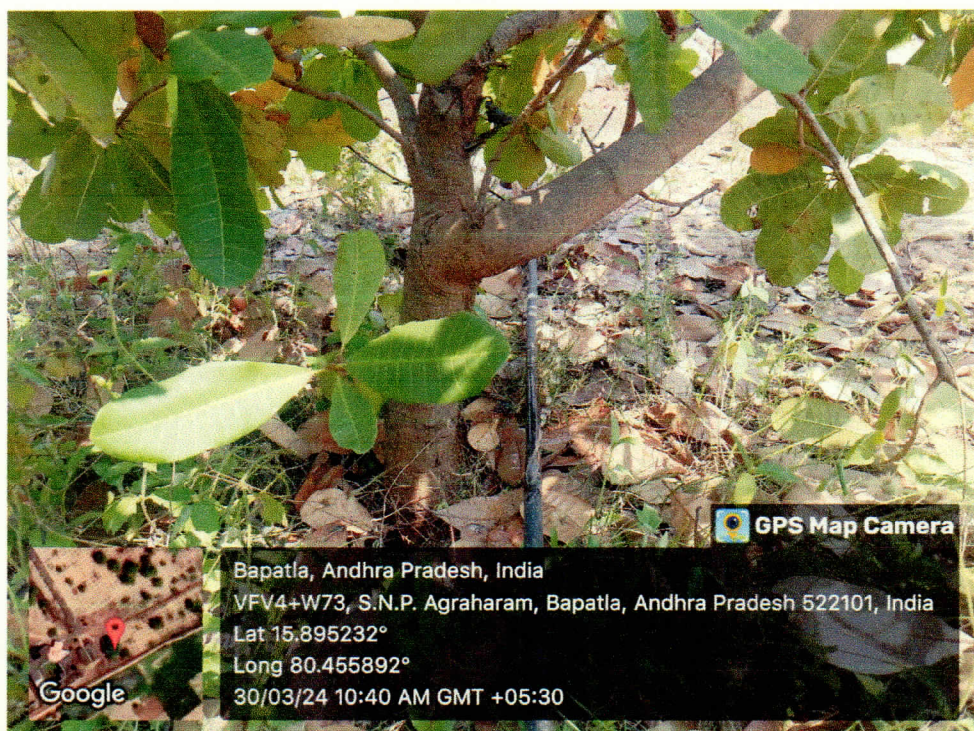
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PRINCIPAL
Bapatla College of Pharmacy,
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7. **WATER CONSERVATION:** Plants in the campus are watered by sprinklers and drip irrigation system to avoid wastage of water.

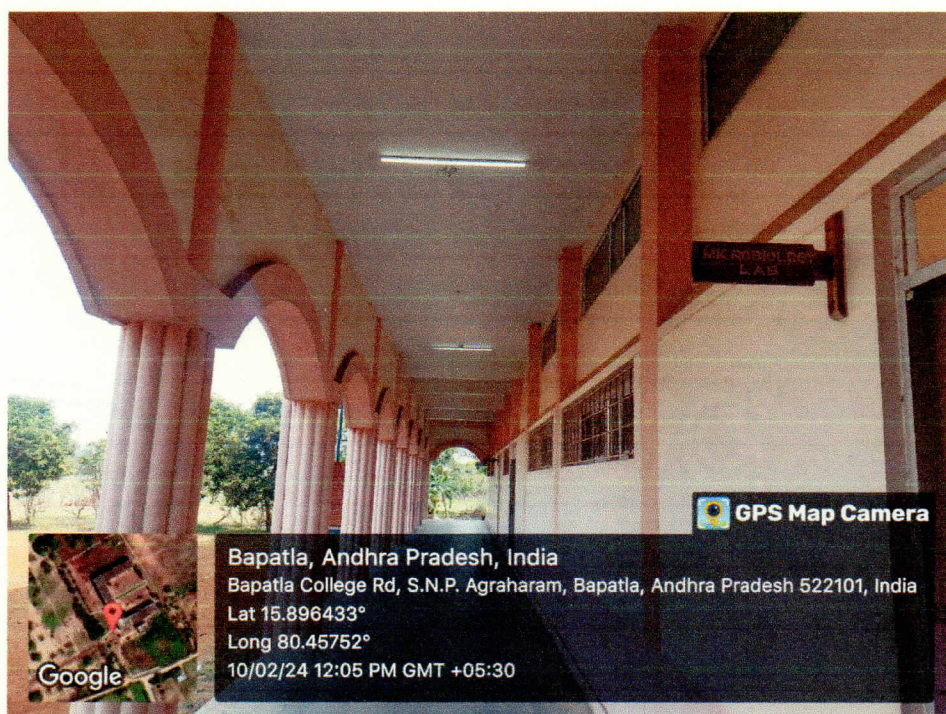


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PRINCIPAL
Bapatla College of Pharmacy
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8. **Conservation of energy:** LED bulbs are used in the campus to conserve energy



T. Gopalakrishna
 PRINCIPAL
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