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DOCUMENTS RELATED TO CLEAN AND GREEN CAMPUS INITIATIVES

Green campus initiatives refer to promote sustainability, reduce environmental impact, and foster a culture of environmental responsibility within their campus communities. These initiatives can take various forms and address different aspects of campus operations. Here are some common green campus initiatives and how they contribute to environmental sustainability:

Energy Efficiency: College implement measures to reduce energy consumption through initiatives such as installing energy-efficient lighting, upgrading heating, ventilation, and air conditioning systems. These efforts help lower greenhouse gas emissions and decrease the campus's overall environmental footprint.

Renewable Energy: Many campuses invest in renewable energy sources such as solar panels, by transitioning to renewable energy sources, colleges reduce reliance on fossil fuels and contribute to mitigating climate change.

Waste Reduction and Recycling: Green campus initiatives promote waste reduction and recycling programs to minimize the amount of waste sent to landfills. College implement strategies such as composting organic waste, encouraging reusable materials, and providing recycling bins across campus. These efforts help conserve natural resources, reduce pollution, and promote a circular economy.

Sustainable Transportation: Colleges encourage sustainable transportation options such as walking, biking, carpooling, and public transit to reduce greenhouse gas emissions from commuting. They may also provide infrastructure for electric vehicles (EVs), offer bikesharing programs, and promote campus shuttle services powered by clean energy.

Water Conservation: Campuses implement water conservation measures such as installing low-flow fixtures, implementing rainwater harvesting systems. These initiatives help conserve water resources, reduce water usage, and minimize water pollution.



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Green Building Practices: Colleges incorporate green building principles into new construction and renovation projects to minimize environmental impact and enhance energy efficiency. Green building features may include sustainable materials, efficient insulation, natural lighting, and passive heating and cooling strategies.

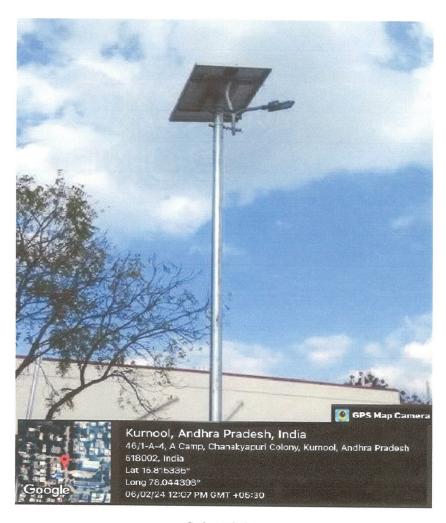
Environmental Education and Outreach: Green campus initiatives include educational programs, workshops, and outreach activities to raise awareness about environmental issues and empower students, faculty, and staff to adopt sustainable behaviours. These initiatives foster a culture of environmental stewardship and encourage individuals to make eco-friendly choices in their daily lives.

Overall, green campus initiatives play a crucial role in promoting environmental sustainability, reducing carbon emissions, conserving natural resources, and preparing future generations to address global environmental challenges. By implementing these initiatives, colleges and universities demonstrate leadership in sustainability and contribute to building a more resilient and environmentally responsible society.

- I. ALTERNATIVE SOURCES FOR ENERGY AND ENERGY CONSERVATION MEASURES
- A) Solar Panels Solar energy is produced by the sun's light photovoltaic offers many benefits that make it one of the most promising energies
- I. Renewable
- II. Inexhaustible
- III. Non-Polluting
- IV. Evades global warming
- V. Reduces energy imports
- VI. Contributes to sustainable development The Institution has facilities for alternate sources of energy and energy-conservation measure







Solar Lights

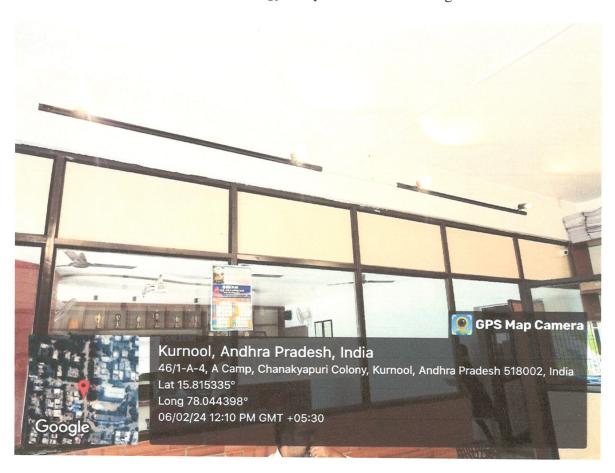




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LED Bulbs

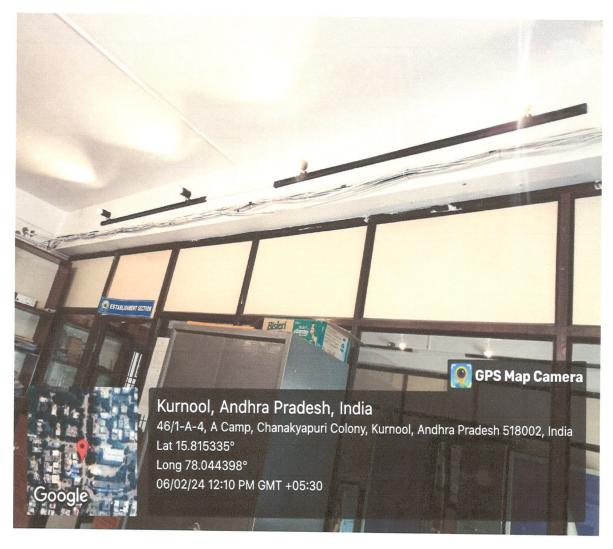
Conventional lights are replaced by LED bulbs in college. The LED bulbs are a good alternative to save power as they consume less energy compared to traditional lights.







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LED Bulbs





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2. MANAGEMENT OF THE FOLLOWING TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

MIPER has taken several measures in maintaining a clean and green campus with ecofriendly policies such as

- > Solid waste management.
- > Liquid waste management
- > E-waste management of Hazardous Chemicals

The institution meticulously oversees the effective handling of solid waste on campus, ensuring that separate bins for dry and wet waste are provided at every corner of the corridors and near washrooms. Empty chemical bottles and reagent containers are regularly disposed of. Waste is collected daily by municipality collection vehicles. Awareness programs on waste management are organized regularly to maintain an eco-friendly and green campus, including various NSS programs such as Swachh Bharat, Clean & Green activities, and campus plantation drives.

Liquid waste management involves preventing the discharge of pollutants into waterways by collecting and disposing of hazardous liquid items. Liquid waste is generated primarily from science laboratories, hostels, and the canteen. The institution directs wastewater from all laboratories to underground channels for disposal.

E-waste management focuses on properly disposing and managing electronic waste, including outdated or discarded electronic gadgets like phones, computers, and televisions. Waste from obsolete electronic equipment such as computer monitors, CPUs, and other e-waste is collected by "NOAH CREATIVES," which handles recycling activities. Any remaining waste is disposed of through municipal agencies.

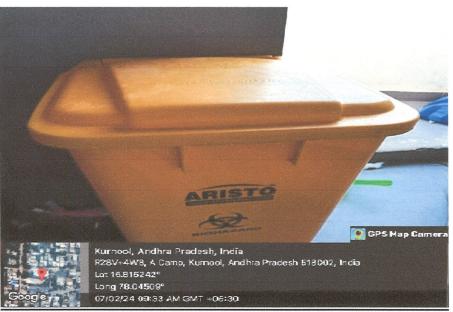




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SOLID WASTE MANAGEMENT

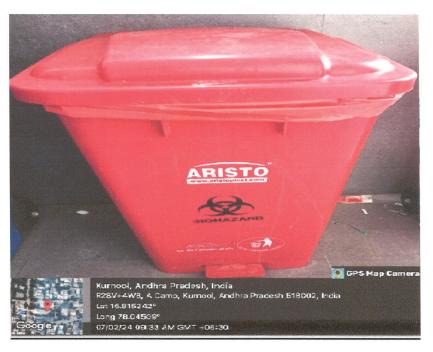


BIODEGRADABLE WASTE





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NON BIO DEGRADABLE



Liquid waste management

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E-WASTE MANAGEMENT

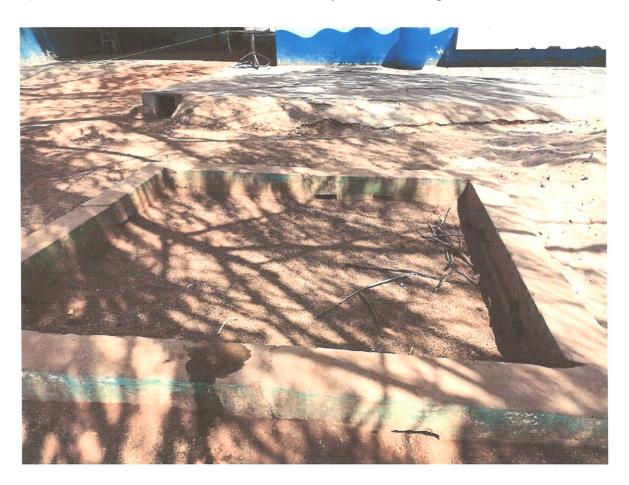




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03. WATER CONSERVATION FACILITIES AVAILIBLE IN THE INSTITUTION

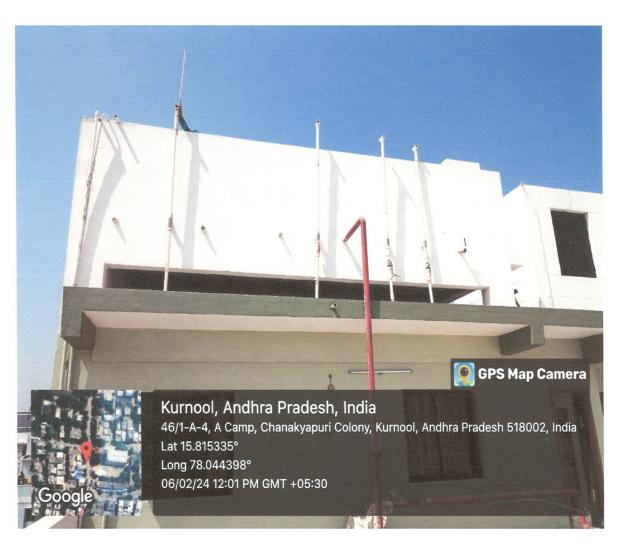
- A) Rain water Harvesting
- B) Construction of tanks and bunds
- C) Maintenance of water bodies and distribution system in the campus



Rain water Harvesting Pit







Water circulation system

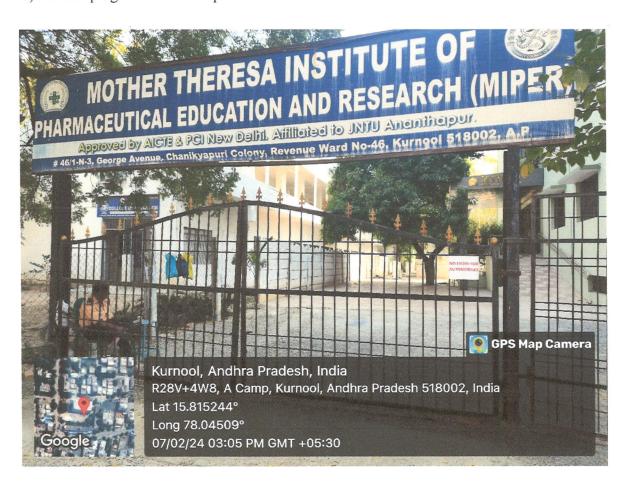




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4. GREEN CAMPUS INITIATIVES ARE AS FOLLOWS

- A) Restricted entry of automobiles
- B) Pedestrian friendly pathway
- C) Landscaping with trees and plants



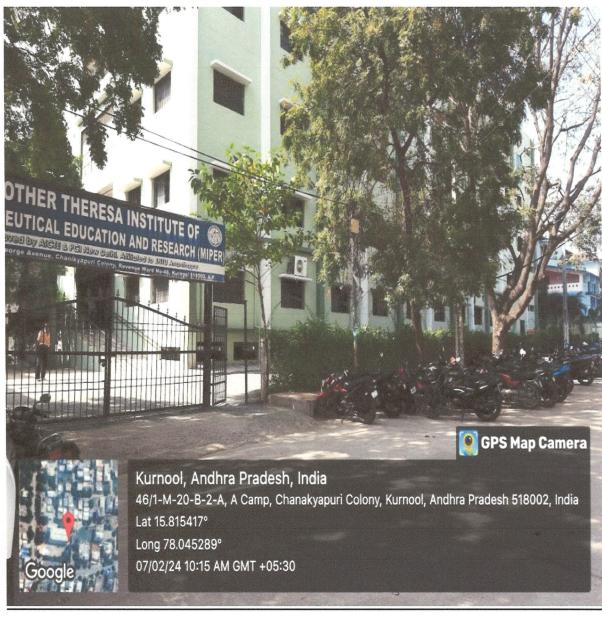
No Entry for automobiles





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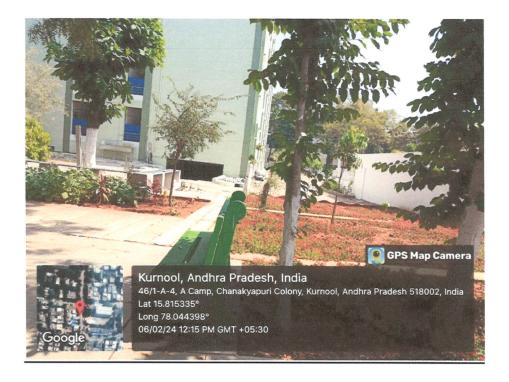
Pedestrian friendly pathway



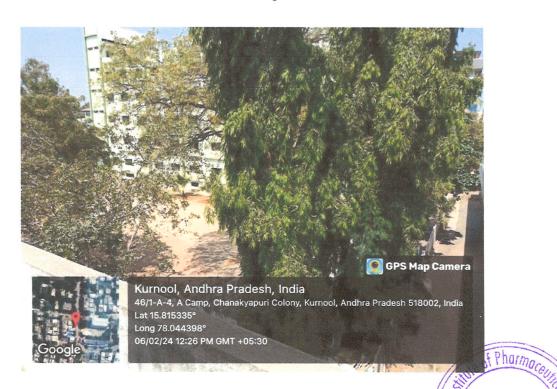
Parking Facility







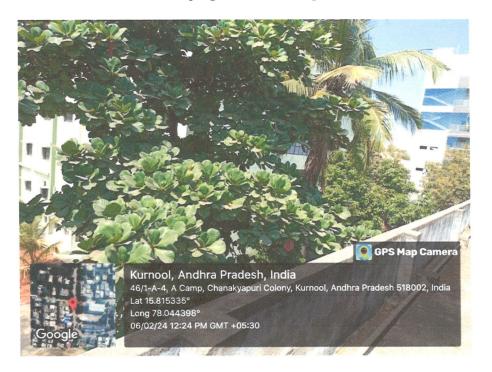
Pedestrian path





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Landscaping with trees and plants



5. Disable friendly Campus

The college is committed to nurturing an inclusive environment where all students, including those with disabilities, have equal access to education and campus facilities. Recognizing the importance of accessibility, the college has implemented various measures to accommodate disabled students effectively.

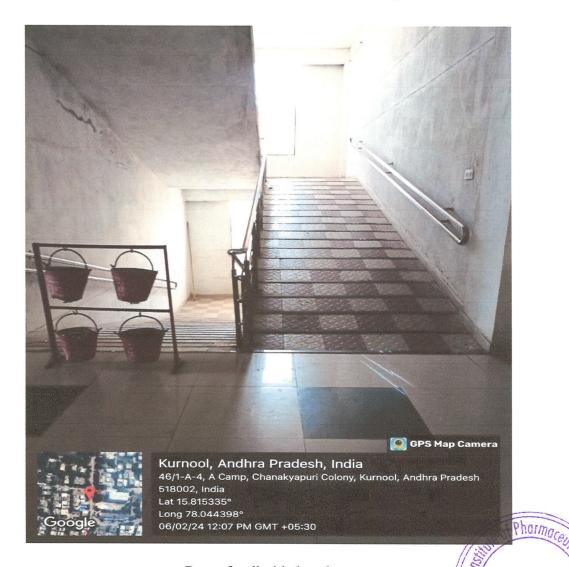
One of the primary features of the college's commitment to inclusivity is the provision of necessary facilities such as ramps, lifts, and wheelchair-accessible pathways throughout the campus. These features ensure that students with mobility impairments can navigate the campus independently and without barriers. Additionally, designated parking slots close to entrances are available to facilitate easy access for students with disabilities.

Moreover, the college has installed disability-friendly toilets equipped with features like grab bars, lower sinks, and spacious layouts to accommodate students with diverse needs



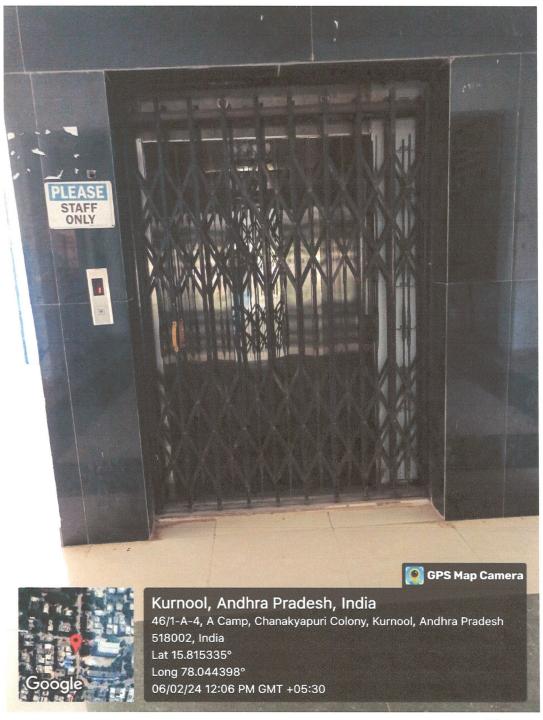
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comfortably. These facilities promote dignity and convenience for disabled students while on campus. Besides, the college regularly assesses its infrastructure and facilities to identify areas for improvement and ensure ongoing accessibility enhancements. It also offers support services and resources to assist disabled students in their academic pursuits, fostering an environment where every student can thrive. Overall, by providing essential facilities and fostering a culture of inclusivity, the college strives to create an environment where disabled students can fully participate in all aspects of college life and achieve their academic goals.



Ramp for disabled students









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Lift facility





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Disable friendly toilets





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UNISEX TOILETS

