



KASIREDDY NARAYANREDDY COLLEGE OF ENGINEERING & RESEARCH.

(Approved by AICTE & Affiliated to JNTUH)

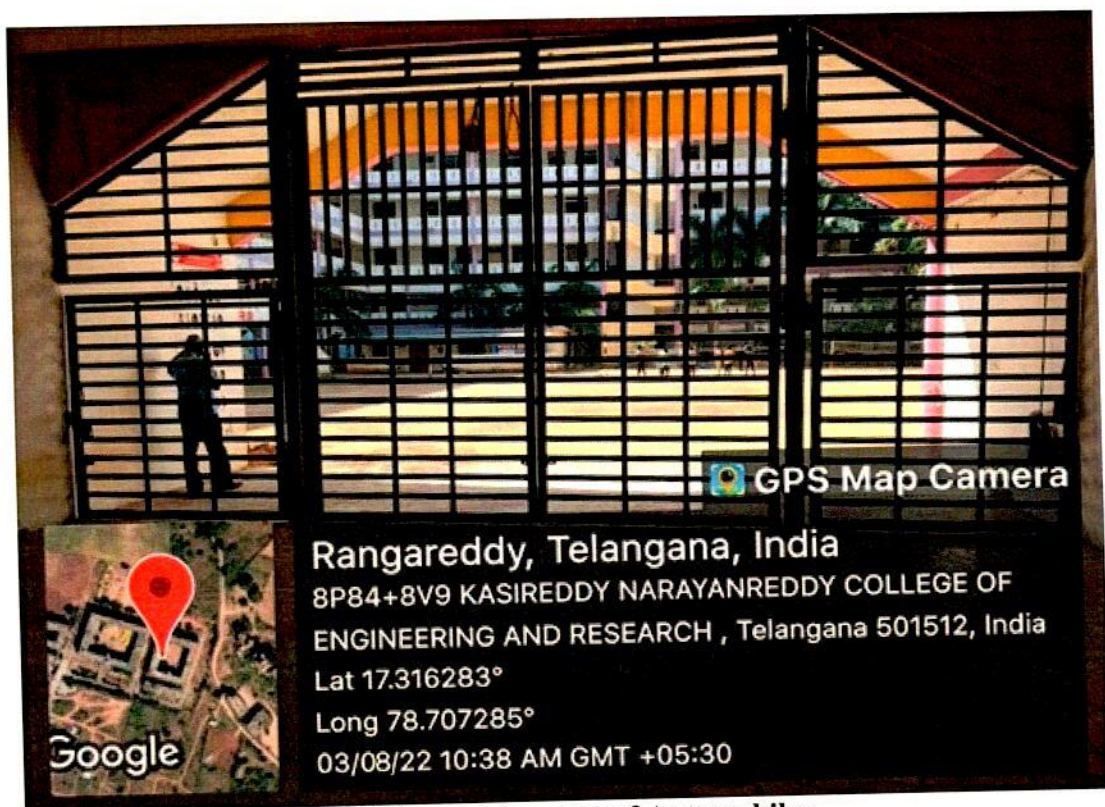
Abdullapur (V), Abdullapurmet (M), R.R Dist, 501505, Telangana, INDIA.

Email : principal@knrcer.ac.in ; website: www.knrcer.ac.in

7.1.5 Green campus initiatives include:

Restricted entry of automobiles refers to limiting or controlling the access of vehicles into certain areas or zones for various reasons, primarily to reduce congestion, pollution, enhance safety, and improve the overall quality of life in urban spaces. This approach is often adopted in densely populated cities, historical districts, or environmentally sensitive areas.

1. Restricted entry of Automobiles



KNRR restricts entry of Automobiles

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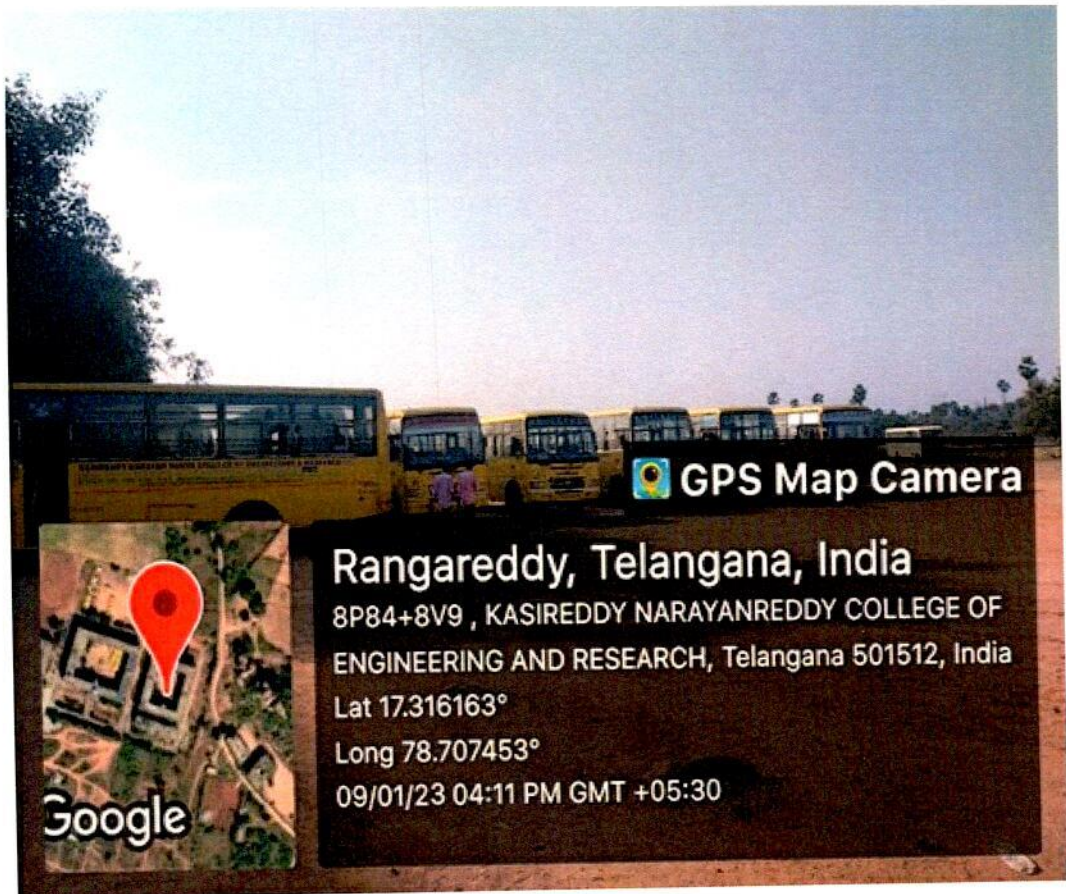


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Bus parking area which is away from the Campus

Zero Emissions: No fuel is required to operate a bicycle, making it a zero-emission mode of transportation.

Less Noise Pollution: Bicycles contribute to quieter cities compared to cars or motorcycles, reducing noise pollution levels in urban areas.

Health Benefits:

Physical Fitness: Regular cycling builds cardio vascular health, strengthens muscles, and improves joint flexibility.

Mental Health: Cycling helps to relieve stress, anxiety, and depression, contributing to

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better mental well-being.

Sustainable Weight Loss: Cycling helps in burning calories and maintaining a healthy body weight.

Economic Benefits:

Reduced Costs for Individuals: Bicycles are more affordable to own and maintain than cars, making them a cost-effective transportation alternative.

Reduced Healthcare Costs: As cycling promotes better health, it can lower healthcare costs by preventing diseases related to physical inactivity and poor air quality.

Flexibility and Speed: Cycling can often be faster than driving for short distances due to less congestion and better ability to manoeuvre through traffic.

Easy Parking: Unlike cars, bicycles can be parked almost anywhere, reducing the need for expensive and time-consuming parking.

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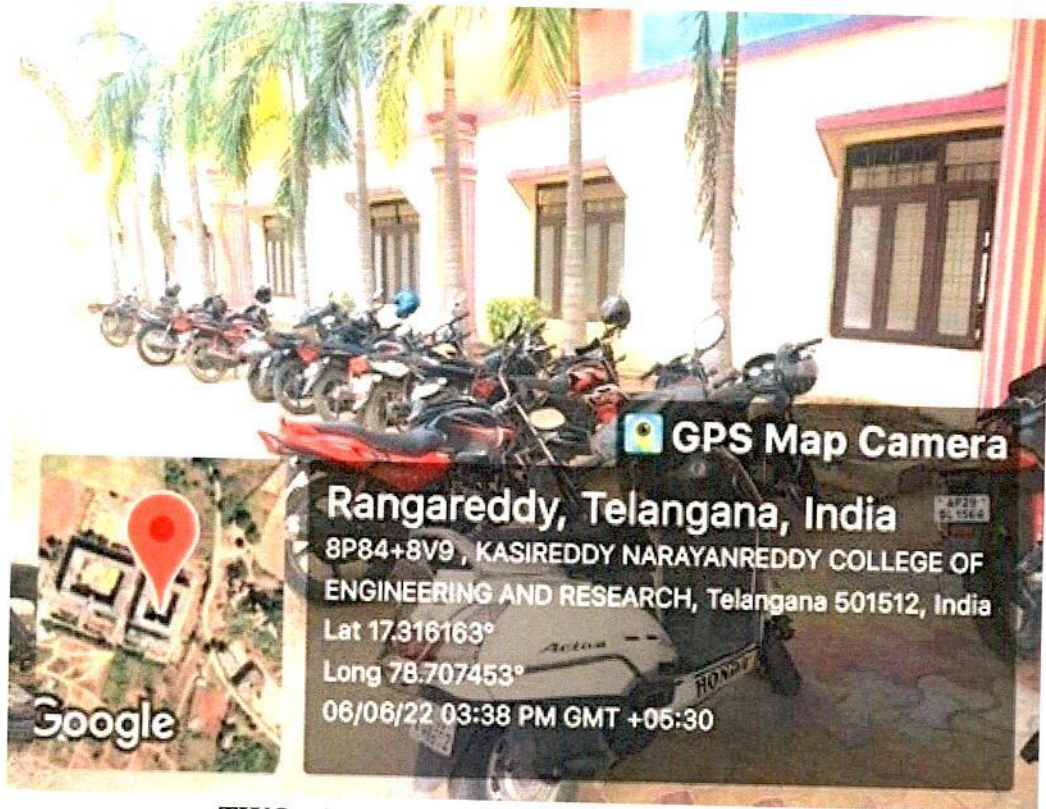


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TWO wheeler parking outside the Main Gate

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2. Use of bicycles



Bicycle Usage inside the Campus

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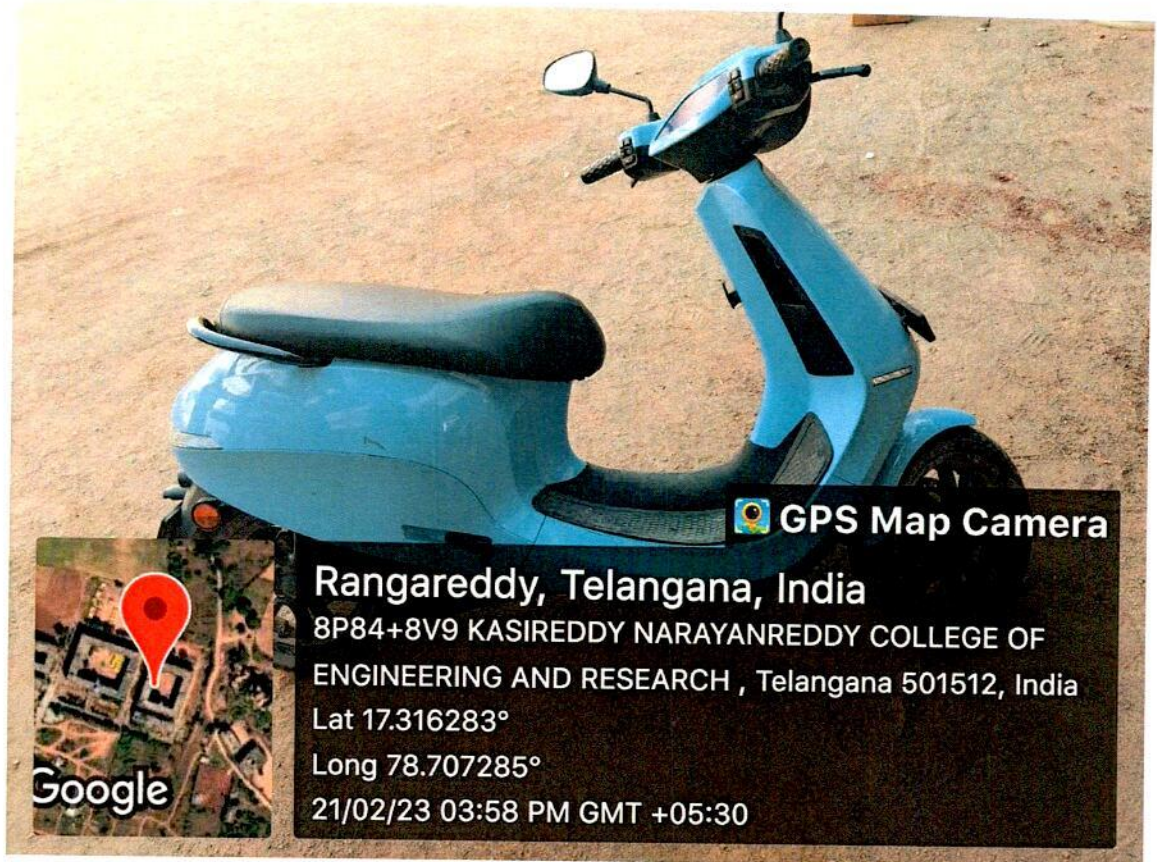


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E-Bikes Usage

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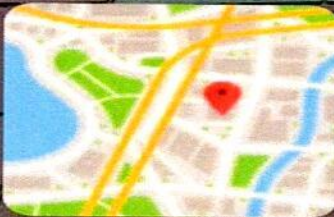
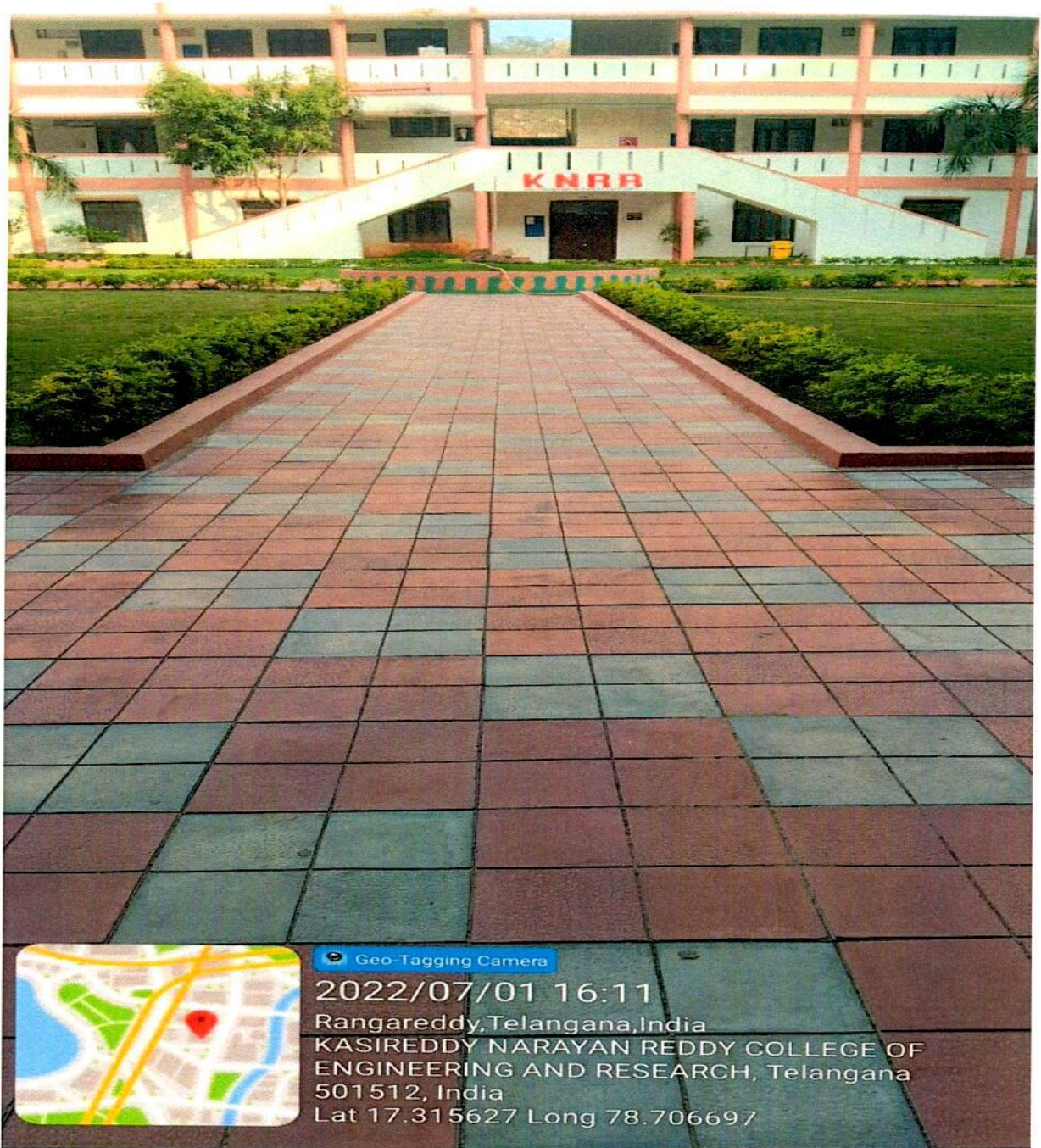
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3. Pedestrian friendly pathways



Geo-Tagging Camera

2022/07/01 16:11

Rangareddy, Telangana, India

KASIREDDY NARAYAN REDDY COLLEGE OF

ENGINEERING AND RESEARCH, Telangana

501512, India

Lat 17.315627 Long 78.706697

Pedestrian Friendly Pathways

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Pedestrian-friendly pathways are dedicated routes designed to prioritize the safety, comfort, and convenience of pedestrians in urban and rural environments. These path ways help to create walkable, accessible, and attractive spaces that encourage people to walkin stead of relying on cars.

Spacious Pathways: Pedestrian pathways should be wide enough to accommodate a variety of pedestrians, including those walking with strollers, wheelchairs, or mobility devices. Ideally, pathways should be at least 4 to 6 feet wide in most urban settings to allow safe and easy movement.

Non-Slip Surfaces: Especially in areas prone to rain or snow, slip-resistant materials (such as textured paving or rubber) should be used to ensure safety in all weather conditions

4. Ban of Plastic Usage inside the Campus



Pledge on Ban of usage of Plastic inside the Campus

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Reducing plastic use can minimize pollution, decrease land fill waste, and protect wildlife. Colleges can significantly reduce their carbon footprint by cutting down on single- use plastics. A ban can serve as a powerful educational tool, raising awareness among students about sustainability and encouraging environmentally friendly habits.

5. Landscaping with trees and plants



Landscaping in the college Campus

Landscaping in college can be a rewarding experience, whether you're involved in maintaining campus grounds, studying landscape architecture, or participating in gardening clubs. Regular upkeep of lawns, gardens, and trees enhances the campus environment.

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Lawn landscaping in the campus

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7.1.5 Green campus initiative Policies made by KNRCER:

Date: 22nd July 2022

The Green Policy of the Institution

Kasireddy Narayanreddy College of Engineering & Research endeavors to implement a human environmental co-existence model promoting welfare of the society through environmental protection. The policy encourages National and International benchmark for a social and environmentally sustainable campus and set an action plan for environmental culture, management and conservation. The Green Policy of the Institution covers the following points.

The Institute should abide by the policy and follow the regulations in the matters of its future developments, infrastructure, constructions and action plans. Institute shall integrate environmental concerns into its every day practice.

The institute should practice conservation and utilize the natural resources as per environmental laws, regulations and standards for protecting the environment. The Institute should foster a culture to support and promote the principles and values of social and environmental sustainability.

Institute should make a commitment to reduce consumption and wastage of energy. And explore renewable energy sources as far as possible. In order to do this, the Institution should establish and maintain strategic partnerships with the students, staff local governing bodies, private companies and NGOs to develop and promote environmentally sustainable practices through MOUs wherever required.

The institute should establish a Sustainable Environment Management Committee (SEMC). The Committee should be empowered to make decisions and execute them regarding the sustainable environment management of the campus. The committee should strictly follow the laws and regulations set by the State Government in order to reduce harmful effects on the environment, human health and safety.

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Institution should explore the possibilities of adopting eco-friendly culture and green buildings. The built environment of the Institution should reflect Institution commitment towards ecology as far as possible.

Institution should be committed towards ensuring the quality of food purchased, prepared and served in the canteen towards enhancing the health of the campus community and the environment.

Some of the key areas that the SEMC should concentrate adherence to the Green Policy guidelines are as given below:

The Institute should try and meet its energy needs by using local and renewable energy sources to the extent possible.

Reduce electricity consumption. Awareness should be given to the staff and students regarding the energy wastage.

The large roof top area of the institute can be installed with solar energy panels. Solar heating technology can be introduced for hot water requirements.

Waste management:

Building up a system – As per the green protocol, the institute should segregate and manage the waste. Constant efforts should be made for building up a fully functional system for waste management which should rest on the principle of reduce, re-use, repair, replenish and recycle.

Awareness Should be given to the entire Institution community on waste management and waste segregation.

Green Auditing: Green audits should be conducted by a third party on regular basis to ascertain the adherence to the policy.

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Environment Management Fund:

The Institute should constitute an Environment Management Found which can be utilized for recurring expenditures to ensure a sustainable campus. The maintenance of green area, furniture and reusable assets, alternative energy sources like solar panels, the rain water harvesting system and biogas plant should be to taken care by this fund. The decision regarding the mobility of his fund should be reviewed by the SEMC.

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Date: 24-01-2023

Policy Circular

Subject: Restricting the Automobile Vehicles into the College Premises

In order to maintain the College Campus free from pollution, the following procedure is required to be implemented with immediate effect.

1. Entry of Automobile Vehicle i.e., two-wheelers, three-wheelers and four-wheelers run by diesel or petrol are restricted into the college campus. These vehicles should be parked in the parking place outside of the main gate.
2. All the College Buses should be parked in the parking place before main – gate.
3. Only green vehicles like bicycles or Electric Vehicles are permitted into the college premises.

Copy to

- 1.) Vice Principal
- 2.) All HOD'S
- 3.) O.S (Copy a file in secretary file).

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Date: 24-01-2023

Policy Circular

Subject:- Ban of usage of plastic material in the Campus

In order to maintain the clean and green environment in the College Campus, the following procedure is followed with immediate effect.

1. Usage of plastic bags, plastic material by staff & students is strictly prohibited.
2. In case any plastic material found in the Campus without knowledge of the staff member, the staff members or house – keeping staff will see that the plastic material is thrown immediately into the dry waste bins placed separately at the corner/junction locations in the College premises.

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