



CITY ENGINEERING COLLEGE

Approved by AICTE New Delhi & Affiliated by VTU, Belagavi
Doddakallasandra, Off Kanakapura Main Road,
Next to Gokulam Apartment, Bangalore - 560 062.



CRITERION 7: INSTITUTIONAL VALUES AND BEST PRACTICES

KEY INDICATOR: 7.1. Institutional values and Social responsibilities

Metric No.7.1.2 .The Institution has facilities and initiatives for

GREEN CAMPUS INITIATIVES



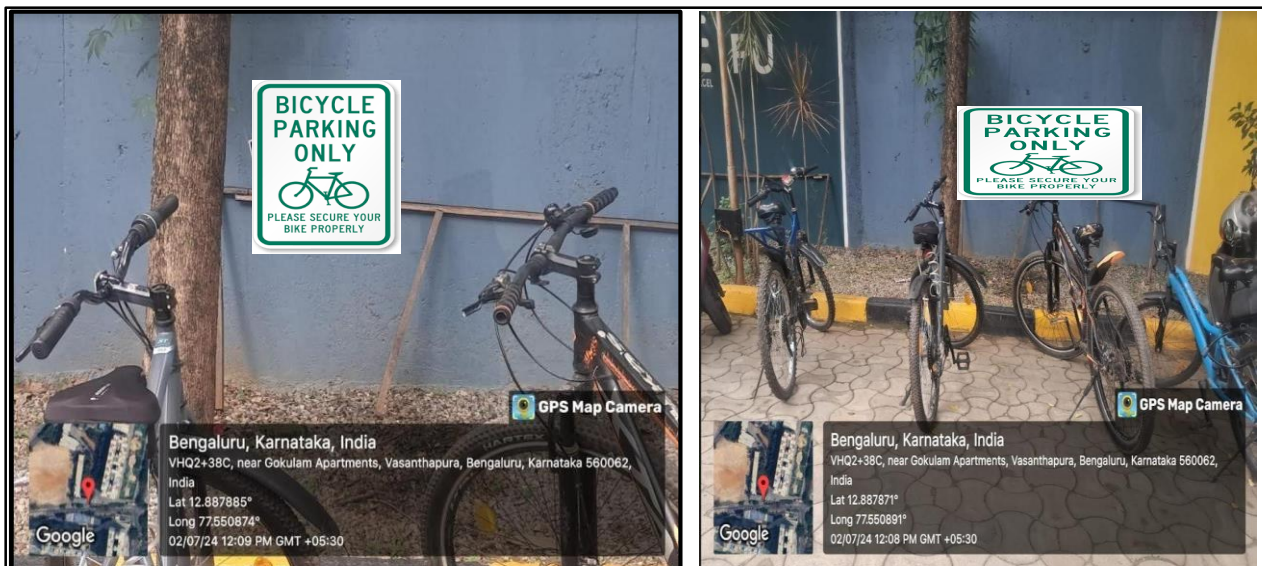
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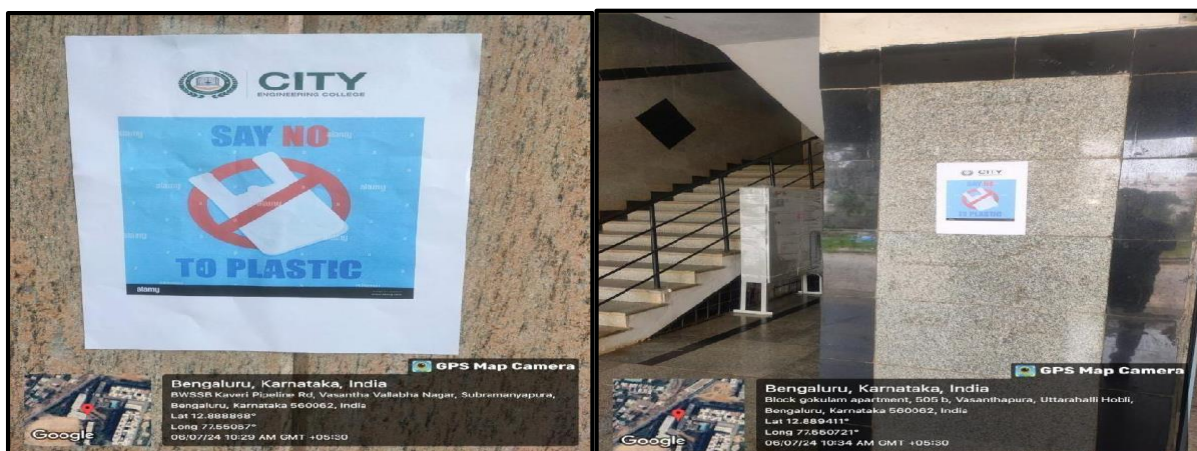
Restricted entry of Vehicles:

City Engineering College actively promotes sustainable practices among its students and staff by encouraging the use of public transport, bicycles and electric vehicles to reduce pollution. To support this initiative, the college restricts automobile entry on campus, with designated parking areas near the main entrance for both students and staff. This arrangement helps minimize pollution within the campus environment. Furthermore, access to the Academic and Administrative blocks is limited to prevent unnecessary vehicular entry, enhancing the air quality and ambiance in these areas. A visitor vehicle register is maintained at the entrance to record and manage all external vehicle access, ensuring efficient control and monitoring.



BICYCLE STAND

Ban on plastic: The use of plastic is banned in the institute premises particularly single use of plastic like bottles, bags, covers straws and spoons.



AWARENESS BANNERS

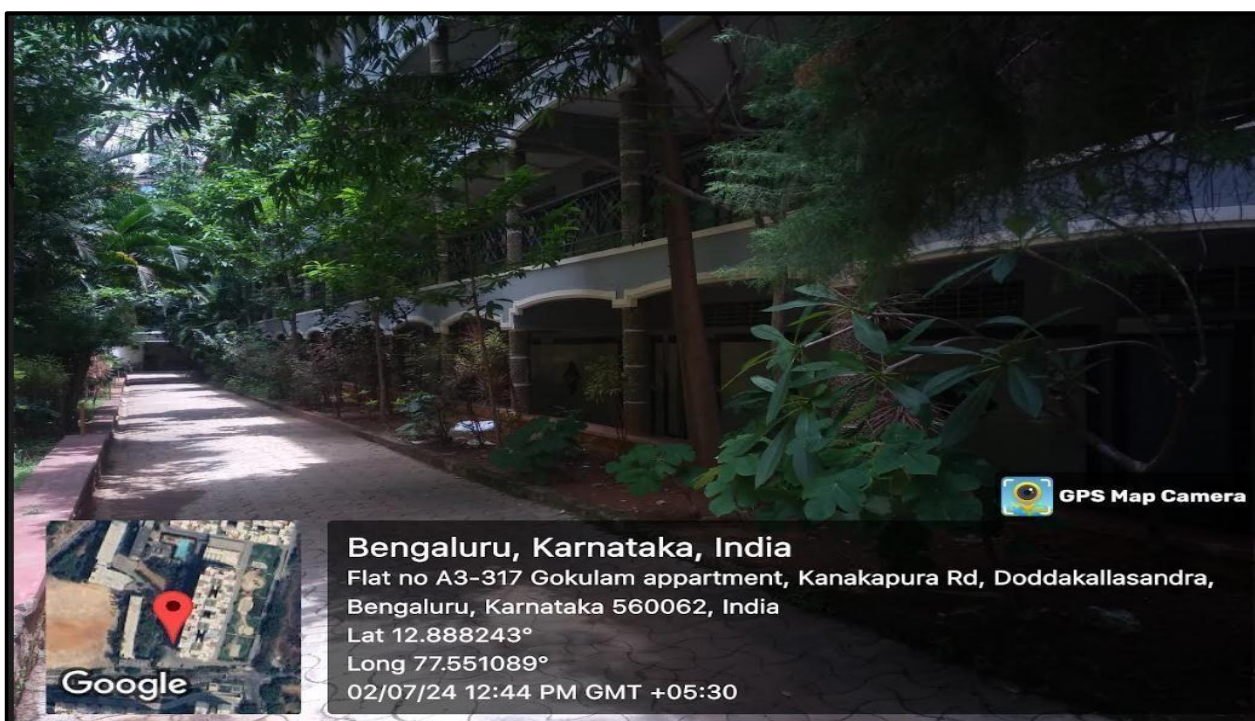
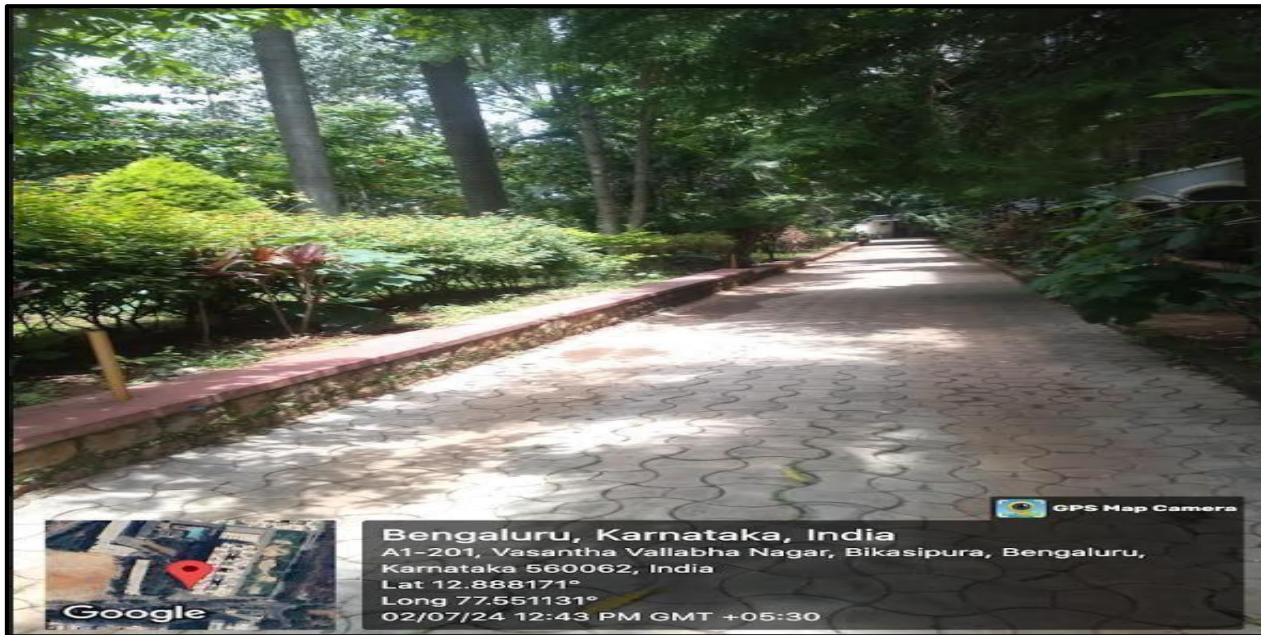


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Pedestrian friendly pathways: The institute has sufficient paved pedestrian friendly pathways for the smooth movement of students, staff and others. The pedestrian pathways are being well maintained by housekeeping staff and proper concrete boundaries are made on either side which ensures safety for all stakeholders.

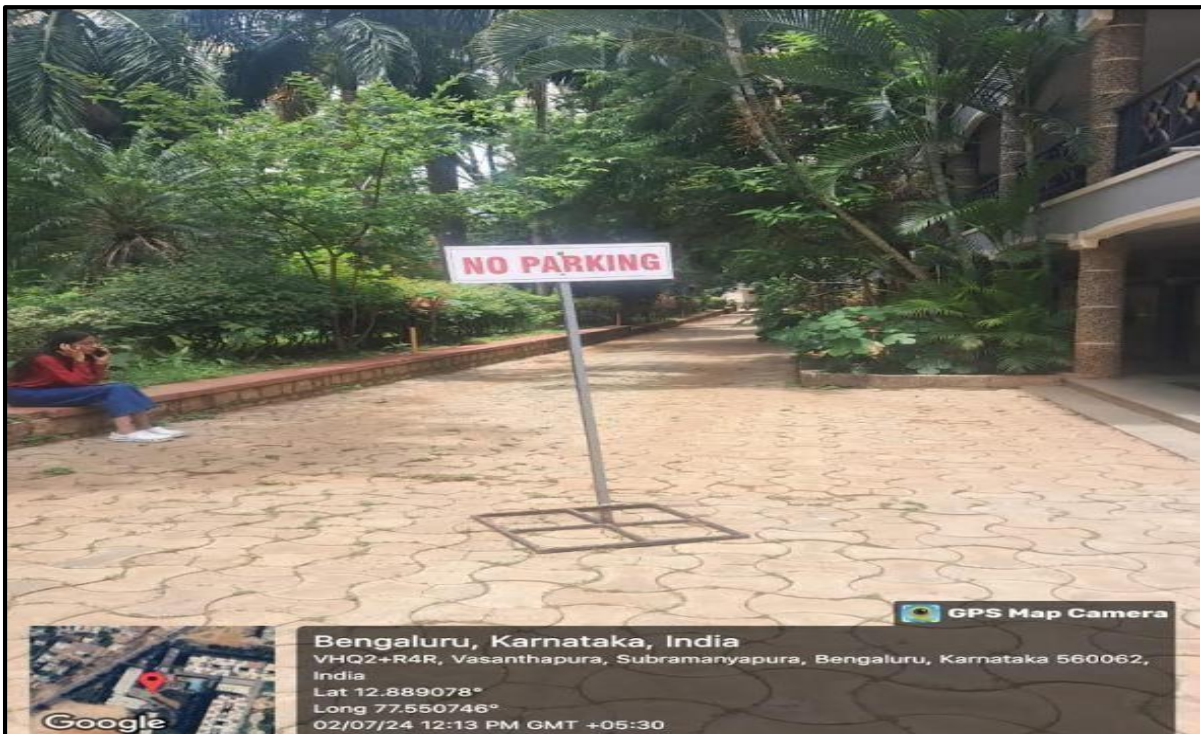


PEDESTRIAN PATHWAYS



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FIRE EXTINGUISHER EQUIPMENT INSTALLED IN THE CAMPUS



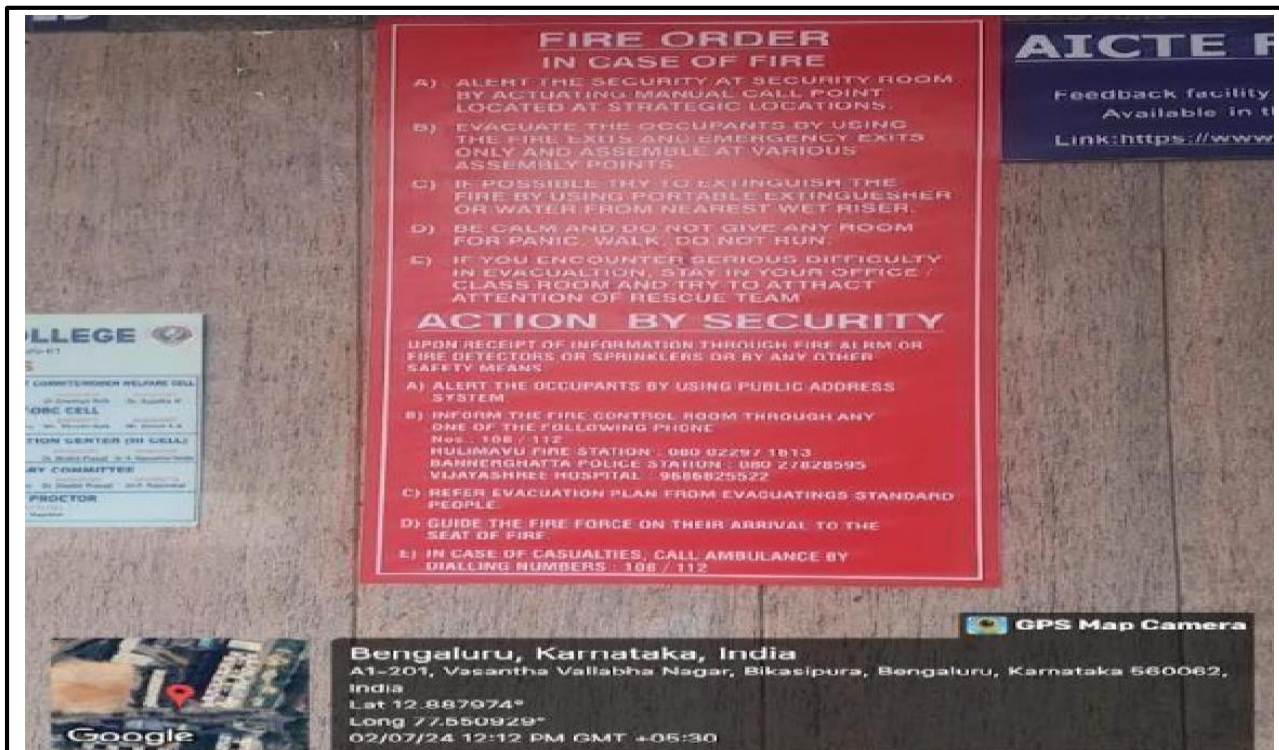


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FIRE EXTINGUISHER DISPLAY BOARDS INSTALLED IN THE CAMPUS



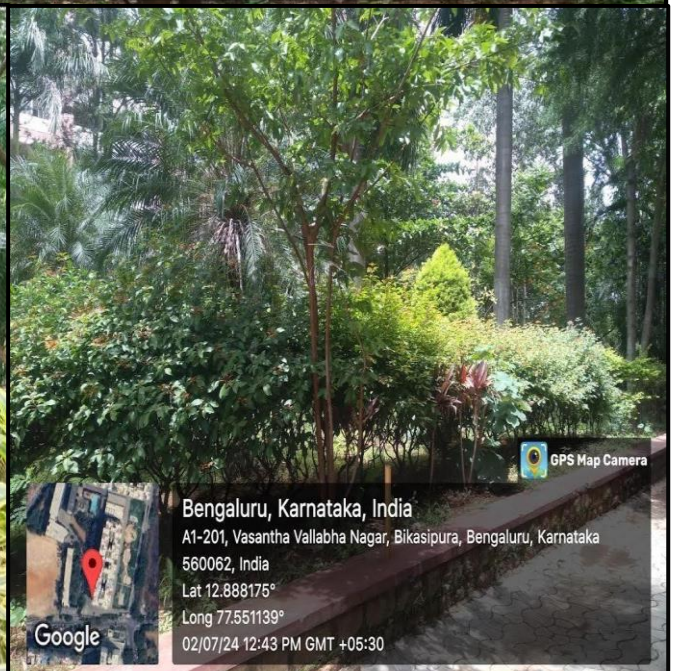
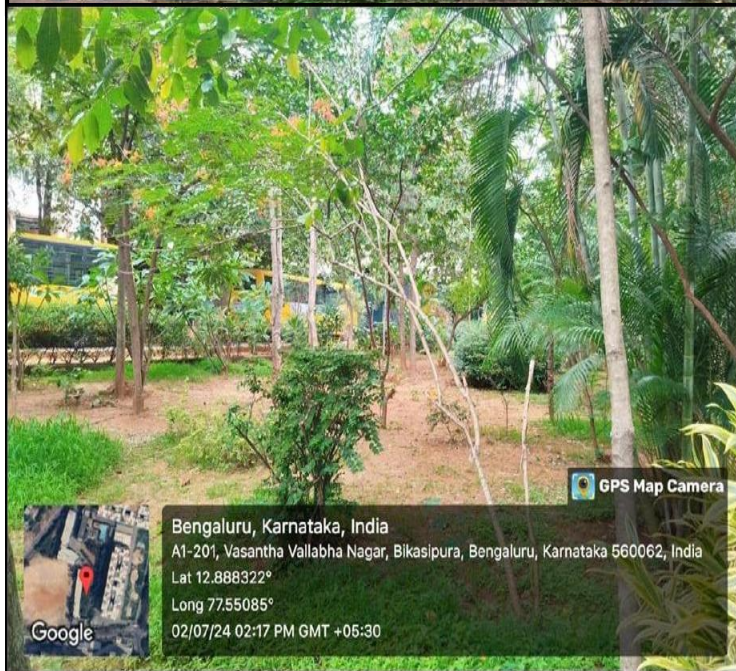


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Landscaping with trees and plants: The institute has been practicing plantation activity all around the campus to make the campus as green campus. The institute encourages the tree plantation and seed plantation on world environment day which in turn reduce the carbon dioxide in the environment. In order to increase green covering within the campus plantation programs have been taken up by the institute



Greenery campus



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DIGITAL LIBRARY:

The City Engineering College is stepping towards paperless administration at all levels as a part of green initiatives and digital transformation of higher education in India. Digital library is maintained to do paperless campus. The administrative, accounts departments are all linked to Tally portal. The institute has been successful in making most of the processes like admission, fee collection, employee leaves and student activities through online.



DIGITAL LIBRARY



CITY ENGINEERING COLLEGE

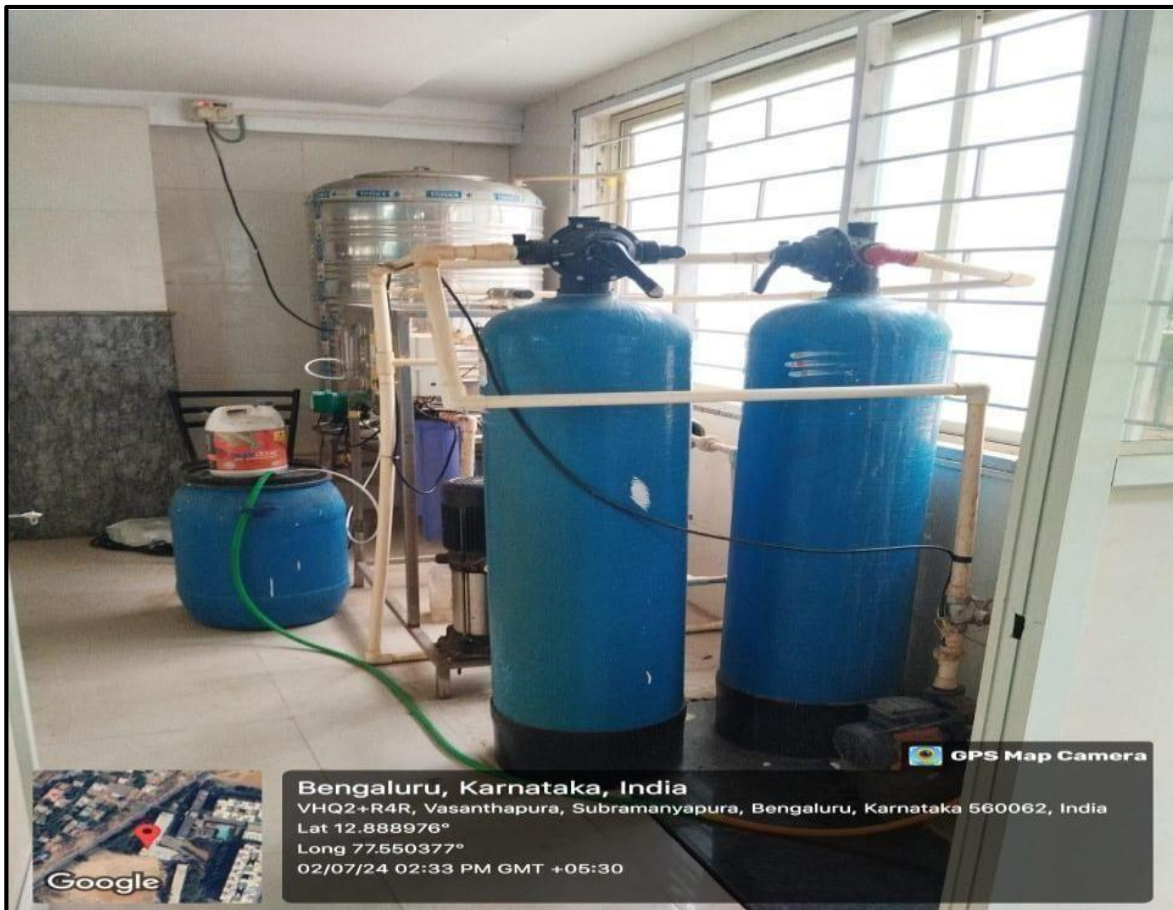
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VEGETABLE GARDENING USING WASTE WATER:

The vegetable gardening is the wonderful activity that provide fresh, tasty and healthy vegetables. Meantime, it also provides a benefits like fresh air, landscape beautification, exercise and enjoyment. It promotes a variety of nutritious vegetables, leafy vegetables at a nominal cost and thereby reducing food expenditures.

RO water facility



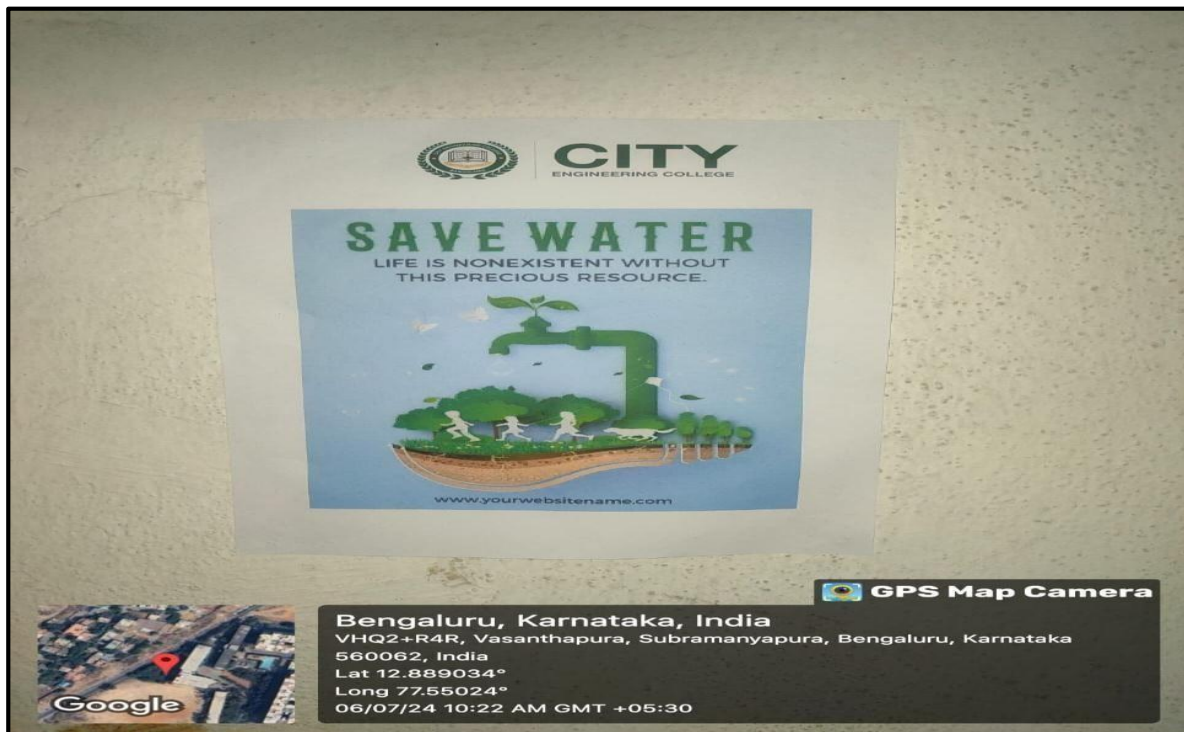


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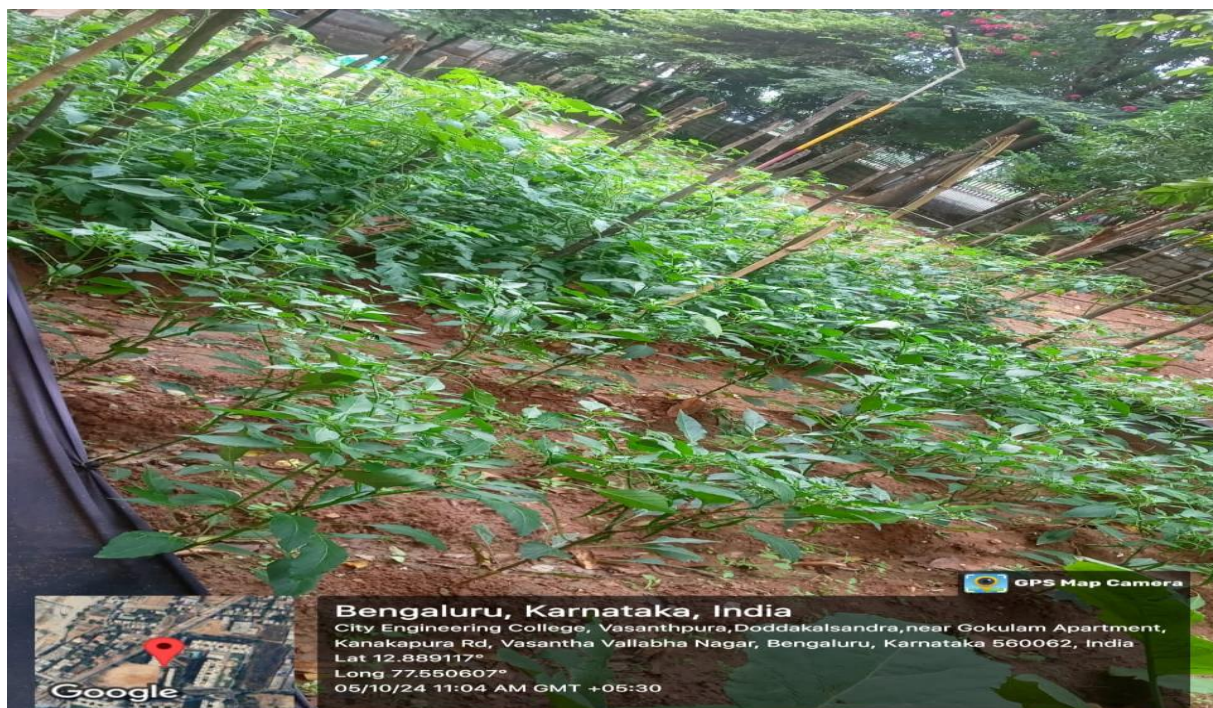
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DISPLAY OF AWARENESS BOARDS IN THE CAMPUS



ORGANIC FARMING





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ORGANIC FARMING



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PLANTS / TREES AVAILABLE IN THE CAMPUS

1. Common Name: Black Plum
Scientific Name: *Syzygium cumini*
Family: Myrtaceae
Benefits: Diabetes management, Cardio vascular disease, anti-oxidant.

2. Common Name: Wrinkled-Fruit Palm
Scientific Name: *Ptychococcus Paradoxus*
Family: Arecaceae

3. Common Name: Great White Frangipani
Scientific Name: *Plumeria obtusa*
Family: Apocynaceae

4. Common Name: Champaca
Scientific Name: *Magnolia champaca*
Family: Magoliaceae
Benefits: Cough, diarrhea, fever and inflammation.
5. Common Name: Burmese Rosewood
Scientific Name: *Pterocarpus indicus*
Family: Fabaceae
Benefits: throat ailments, mouth tumors, diarrhea and ulcer.
6. Common Name: West Indian Cherry
Scientific Name: *Muntingia calabura*
Family: Muntingiaceae
Benefits: reduce Gastric ulcers, respiratory problems.
7. Common Name: Indian beech
Scientific Name: *Pongamia pinnata tree*
Family: Fabaceae
Benefits: treatment for tumor, piles and skin disease.

8. Common Name: Silver oak/ Southern silky oak
Scientific Name: *Grevillea robusta*
Family: Fabaceae
Benefits: treats sore throat, chest problems, flu

9. Common Name: Teak
Scientific Name: *Tectona grandis*



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- Family: Lamiaceae.
Benefits: sedative treatment piles ,dysentery
10. Common Name: Cluster fig
Scientific Name: *Ficus racemosa*
Family: Moraceae
Benefits: liver disorders, hemorrhoids
11. Common Name: [Papaya](#)
Scientific Name: *Carica papaya*
Family: *Caricaceae*
Benefits: wound healing, anti-cancer
12. Common Name: Jackfruit
Scientific Name: *Artocarpus heterophyllus*
Family: Moraceae
Benefits: anti-carcinogenic, anti-microbial,anti-inflammatory.
13. Common Name: Tree Jasmine or Indian cork tree
Scientific Name: *Millingtonia hortensis*
Family: Bignoniaceae
Benefits: treatment of sinusitis, asthma
14. Common Name: Chinese Ixora
Scientific Name: *Ixora chinensis*
Family: Rubiaceae
15. Common Name: Peacock Flower
Scientific Name: *Caesalpinia pulcherrima*
Family: Fabaceae
Benefits: effective against intestinal worms and cure sores
16. Common Name: Common Guava/Apple Guava
Scientific Name: *Psidium guajava*
Family: Myrtaceae
Benefits: Anti-Oxidant, stomach and intestinal conditions.
17. Common Name: Coconut Tree
Scientific Name: *Cocos nucifera*
Family: Arecaceae
Benefits: (Oil) moisturizing effect
18. Common Name: Star Gooseberry/ Starberry
Scientific Name: *Phyllanthus acidus*



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Family: Phyllanthaceae
Benefits: hepatoprotective , Bronchitis, rheumatism

19. Common Name: Indian gooseberry
Scientific Name: *Phyllanthus emblica*
Family: Phyllanthaceae
Benefits: hepatoprotective , anti- diabetic, anti-oxidant

20. Common Name: Banana
Scientific Name: *Musa paradisiaca*
Family: Musaceae
Benefits: Constipation, high cholesterol, obesity

21. Common Name: Mango
Scientific Name: *Mangifera indica*
Family: Anacardiaceae
Benefits: Anti-oxidant, Cardio tonic, wound healing

22. Common Name: Custard Apple
Scientific Name: *Annona reticulata*
Family: Annonaceae
Benefits: anti-cancer activity, anti-diabetic, anti-oxidant.

23. Common Name: Tamarind
Scientific Name: *Tamarindus indica*
Family: Fabaceae
Benefits: Constipation, liver and gallbladder problems.

24. Common Name: Betel vine
Scientific Name: *Piper betle*
Family: Piperaceae
Benefits: Maintains oral health, Eases constipation, reduce Gastric problems

25. Common Name: Bristly Greenbrier
Scientific Name: *Smilax tamnoides*
Family: Smilacaceae

26. Common Name: Traveller's Palm
Scientific Name: *Ravenala madagascariensis*
Family: Strelitziaceae



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27. Common Name: Cape Jasmine
Scientific Name: *Gardenia jasminoides*
Family: Rubiaceae
28. Common Name: Sago palm
Scientific Name: *Cycas revoluta*
Family: Cycadaceae
29. Common Name: Skyflower
Scientific Name: *Plumbago auriculata*
Family: Plumbaginaceae
30. Common Name: Rue, Nagadali
Scientific Name: *Ruta graveolens*
Family: Rutaceae
Benefits: Insect repellent, indigestion, Cancer
31. Common Name: Snowy Angel's Trumpet
Scientific Name: *Brugmansia suaveolens*
Family: Solanaceae
Benefits: fungal infections of the skin, painful menstruation
32. Common Name: Neem
Scientific Name: *Azadirachta indica*
Family: Meliaceae
Benefits: Oral hygiene, mosquito repellent, anti-oxidant, skin disease.
33. Common Name: Hibiscus
Scientific Name: *Hibiscus rosa-sinensis*
Family: Malvaceae
Benefits: Hair loss, Gastric ulcer, treating wounds
34. Common Name: Periwinkle
Scientific Name: *Catharanthus roseus*
Family: Apocynaceae
Benefits: treatment of cancer, anti-oxidant, anti-microbial.
35. Common Name: Firebush
Scientific Name: *Hamelia patens*
Family: Rubiaceae



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36. Common Name: Ashoka Tree
Scientific Name: *Saraca asoca*
Family: Fabaceae
37. Common Name: Peregrina
Scientific Name: *Jatropha integerrima*
Family: Euphorbiaceae
Benefits: eczema, skin warts
38. Common Name: Avocado, Butter fruit
Scientific Name: *Persea americana*
Family: Lauraceae
Benefits: Hyper tension, stomach ache, bronchitis
39. Common Name: Siala Tree
Scientific Name: *Markhamia lutea*
Family: Bignoniaceae
40. Common Name: Indian almond
Scientific Name: *Terminalia catappa*
Family: Combretaceae
Benefits: hepatitis, oral infections, tuberculosis.
41. Common Name: Oleander, Rosebay
Scientific Name: *Nerium oleander*
Family: Apocynaceae
42. Common Name: Indian laurel, Matti
Scientific Name: *Terminalia elliptica*
Family: Combretaceae
Benefits: laxative, throat infection, wound healing
43. Common Name: Banyan
Scientific Name: *Ficus benghalensis*
Family: Moraceae
Benefits: Boosts immunity, arthritis, Jaundice, nervous disorder.
44. Common Name: Peepal Tree
Scientific Name: *Ficus religiosa*



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Family: Moraceae
Benefits: astringent, gonorrhoea, skin diseases.

45. Common Name: Crown Flower
Scientific Name: *Calotropis gigantea*
Family: Apocynaceae
Benefits: elephantiasis, nausea, antidote for snake bite

46. Common Name: Lemon
Scientific Name: *Citrus limon*
Family: Rutaceae
Benefits: flu, common cold, inflammation.

47. Common Name: Cape wattle
Scientific Name: *Paraserianthes lophantha*
Family: Fabaceae

Medicinal plants:

- Aloe vera
- Hibiscus
- Tulasi
- Ginger
- Turmeric,
- Mint
- Lemon grass
- Fenugree