

Channabasaveshwara Institute of Technology
NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka.

Green Campus Policy





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Green Campus Policy

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Channabasaveshwara Institute of Technology

The Channabasaveshwara Institute of Technology (CIT) was established in the year 2001 and is affiliated to Visvesvaraya Technological University (VTU), Belagavi. It is located in an ideal and congenial environment in the outskirts of Gubbi town, Tumkur city on the Bangalore - Honnavar National Highway 206, 90 km from Bangalore, spread over 60 acres of lush green, landscaped campus. It is one among the institutions run by Sri Channabasaveshwara Swamy Rural Education Society (CRED) Regd., Gubbi. The Chairman of the Society is Sri G. S. Basavaraj, Former Member of Parliament from Tumkur Constituency.

At the time of inception, the college had an intake of 180 students in the three undergraduate disciplines of Computer Science, Information Science and Electronics & Communication Engineering. The undergraduate course in Electrical & Electronics Engineering was started in the year 2004 and Civil and Mechanical Engineering branches were started in 2010, in the same year Post Graduate courses in engineering of different disciplines like Electronics, Computer Science also incepted. CIT focuses in developing young entrepreneurs and has started Management studies in Business Administration under VTU in 2010. Further another P.G course in Software Engineering stream started in 2012. In addition with this, second shift diploma programmes in Electronics, Mechanical Engineering were started in the same campus with the name of CIT Polytechnic in the year of 2012. In 2013, another two courses in the stream of Civil and Computer Science were added.

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Introduction

Channabasaveshwara Institute of Technology, Gubbi, is dedicated to ensuring a sustainable and environmentally responsible campus. This Green Campus Policy outlines our commitment to reducing our environmental impact by implementing various initiatives, conducting periodic audits, and promoting environmental awareness.

Objectives of the Policy:

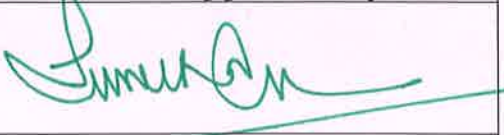
Protection of Ecological Systems: We are committed to safeguarding and conserving the ecological systems and resources within our campus.

Judicious Use of Environmental Resources: Our goal is to ensure the prudent use of environmental resources to meet the needs of the present and future generations.

Integration of Environmental Concerns: Institution aim to incorporate environmental considerations into our policies, plans, and outreach programs for social development.

Stakeholder Involvement: institution has actively engage with all stakeholders and the local community to raise awareness and advocate for the adoption of environmentally responsible practices while minimizing adverse effects on the environment.

Climate Protection: Institution strives to improve our contribution to climate protection, adapt to climate change, and conserve global resources.

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Name & Designation	Dr. Suresh DS Director & Principal

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Efficient Resource Utilization: continuously enhance our efficient use of all resources, including energy and water, while reducing consumption and waste production, promoting waste recovery and recycling. As our institute has Installed Solar street lights, LED lighting and energy saving equipments.

Plastic-Free Campus: We are committed to making our campus plastic-free, advocating for alternatives and reducing single-use plastics.

Environmental and Energy Audits: Regular environmental and energy audits will be conducted to assess our environmental performance and identify areas for improvement.

E-Governance: To minimize paper usage in administration, we will adopt an E-governance policy to streamline processes and reduce paper waste.

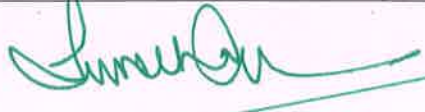
Specific Initiatives:

Waste Reduction: We will actively manage and reduce waste generation within the campus.

Energy Efficiency: We will adopt energy-efficient building practices and conduct periodic energy audits to identify and rectify energy wastage.

Solar Power Plant: We will promote the use of solar power to reduce our reliance on non-renewable energy sources.

Rainwater Harvesting System: We will implement a rainwater harvesting system to conserve water resources.

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Waste Management:

Solid Waste Management: Proper disposal and recycling of solid waste materials.

Liquid Waste Management: Efficient management of liquid waste to prevent environmental pollution.

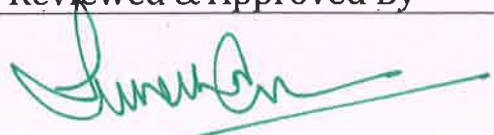
E-Waste Management: Responsible disposal of electronic waste to minimize its impact on the environment.

Awareness Initiatives:

We will organize and support initiatives to raise environmental awareness among students, faculty, and staff. This includes seminars, workshops, and information campaigns to encourage responsible environmental practices.

Compliance and Audits:

Channabasaveshwara Institute of Technology, Gubbi, is committed to adhering to all environmental regulations and regularly conducting environmental and energy audits to monitor our compliance and progress in achieving our environmental objectives. Regularly department of civil engineering, HoD shall make the necessary steps and audits to maintain the good ecosystem.

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ENVIRONMENTAL MONITORING

Environmental monitoring on a campus is crucial for ensuring the well-being of the campus community and the sustainability of the environment. It involves the collection and analysis of data related to various environmental factors. Here are some key aspects of environmental monitoring in a campus setting.

1. Water Quality Monitoring:


- Monitor the quality of water sources on campus, including drinking water, lakes, ponds, and streams.
- Test for parameters such as pH, turbidity, dissolved oxygen, nutrients, and contaminants.
- Ensure compliance with water quality standards and regulations.

2. Energy Consumption Monitoring:

- Track energy consumption in campus buildings, including electricity and heating/cooling systems.
- Identify energy inefficiencies and implement energy-saving measures.
- Promote energy conservation among students and staff.

3. Waste Management:

- Monitor waste generation and disposal practices.
- Implement recycling and composting programs.

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- Educate the campus community about proper waste disposal and recycling.

4. Environmental Education and Awareness:

- Engage the campus community in environmental awareness campaigns and educational programs.
- Encourage sustainable behaviors and practices among students, faculty, and staff.

To effectively implement environmental monitoring on a campus, it's essential to have a dedicated team or department responsible for these activities, as well as access to the necessary equipment and technology. Collaboration with local environmental agencies and organizations can also be beneficial in achieving environmental sustainability goals.

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Certificate issued from the Karnataka state pollution control Board, Tumkur

Karnataka State Pollution Control Board

Regional Office : Tumkur

TeleFax : 0816-2211022

Plot No. 97,

Antharasanahalli Indl. Area,

Sira Road, Lingapura, Tumkur - 572 106.

ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ: ತುಮಕೂರು
ಫ್ಯಾಕ್ಸ್ ಸಂ. ೮೨.೮೦೬೨೨೧೨೨ ಕೆ.ಆರ್.ಎಸ್. ಪ್ರದೇಶ
ಮಾಲಿಕೆ ನಿರ್ಮಾಣದ ಮಾರ್ಗ
ಶಿರಾ ರಸ್ತೆ, ಲಿಂಗಪುರ, ತುಮಕೂರು-೫೭೨೧೦೬.



towards a cleaner Karnataka

TO WHOMSOEVER IT MAY CONCERN

Certificate

This is to certify that **CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, GUBBI** has an established system of practice in place which aims in providing a Green campus with effective Waste management, Water conservation & Energy auditing measures.

Green Audit & Green Campus Initiatives: The green audit was conducted in accordance with the applicable standards prescribed by the Central Pollution Control Board. The Institution gives utmost importance in maintaining a green environment with much focus on planting trees at regular intervals which includes wide variety of species and has around 650 trees which ranges from five to fifty feet in height. Facilities like Disable friendly environment, barrier free environment, and pedestrian friendly pathways are available in the campus which is well maintained. The Institution also takes extensive measures for environmental promotional activities beyond the campus and to spread awareness about saving the environment.

Waste Management: The Institution takes effective measures as per the prescribed norms to manage various types of wastes, especially degradable and non-degradable waste and sewage water.

E-Waste management of the Institution is also carried out regularly and also in an effective and efficient manner.

Water Conservation & Rain water Harvesting: A proper and methodological system is in place to conserve water and also to harvest the rain water with a tank capacity of around 1.25 Lakhs litres. Proper mechanism is also in place to treat the waste and sewage water.

Energy Audit: The energy audit of the Institution is carried out as per the prescribed norms and the auditing is carried out in all places of the Institution where energy is consumed. The total connected load of the Institution works out to 896.564 KW. The Institution has given utmost thrust to reduce the energy consumption and has replaced almost all fluorescent tubes by LEDs. More importance is given to natural lighting and ventilation so that the consumption of energy towards that is reduced significantly. Focus on alternate energy sources is also done and solar powered street lamps are installed at regular places.

Suresh DS
22/06/23
Regional Officer (I/c)
Karnataka State Pollution Control Board,
Tumkur-572108

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GREEN AREA

Institution Campus is housed with approximately 10 types (species) of trees and 50 different species of plants.

Total 750 trees of different species are available in the campus, the rest of the plants are of different species.

Plants (Below 5')

Crotans, Bottle brush, Hebbevu, Sampige, Tuja, Iggora, May flower, Night Queen, Golden Stylus (10 No's)

Trees between 5' to 10' height

Phileseum - 15 No's, Golden Stylus - 8 No's, Kanagalu - 10 No's, Honge - 10 No's, Ciborama - 2 No's,

Trees between 10' to 20' height

Golden Stylus - 15 No's,

Trees between 30' to 40' height

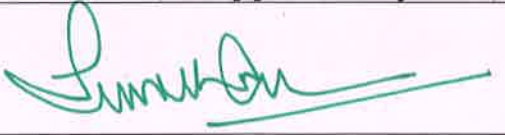
Mahagani - 120 No's, Day King - 89 No's, Blacken Star - 32 No's, Hagalu Rani - 10No's, NagalingaPushpa - 1 No

Trees between 10' to 30' height

KaduBadami - 14 No's, Jumbo - 04 No's, General Palm - 70 No's, Christmas - 10 No's, Wild Banana - 3 No's, Gooseberry - 1 No,

Trees between 40' to 50' height

Silver Oak - 166 No's, Royal Palm - 64 No's,

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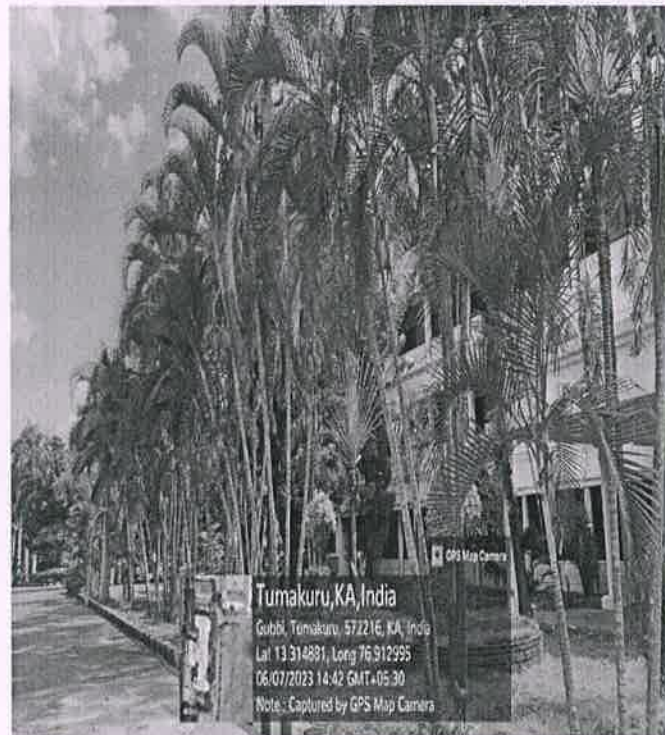
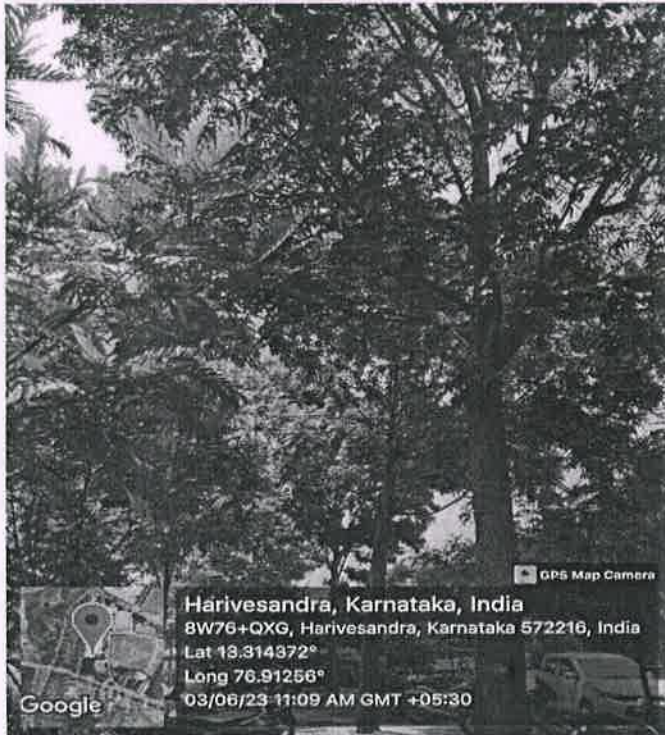
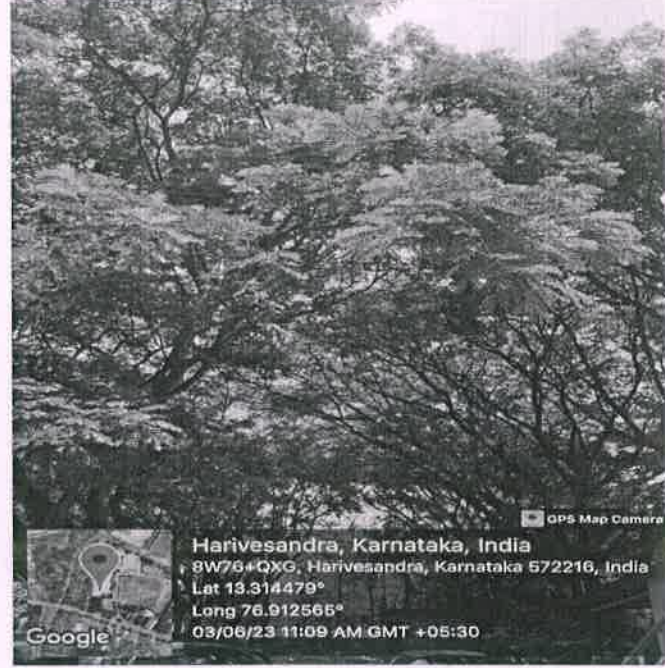
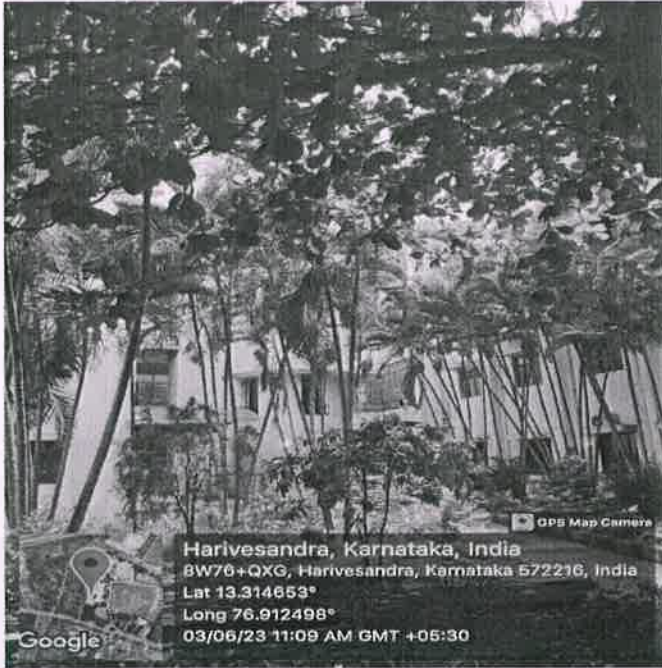
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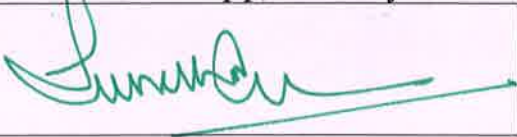
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VIEWS OF GREENERY IN CAMPUS



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SIGN BOARDS IN CAMPUS



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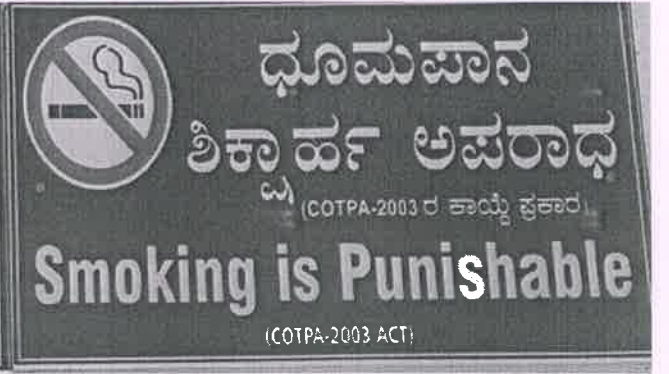
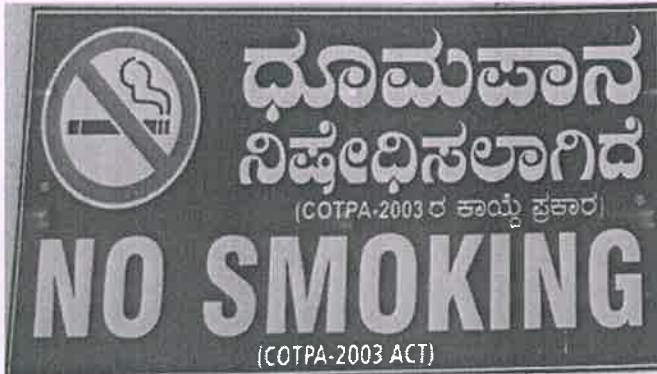
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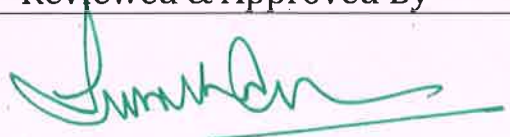
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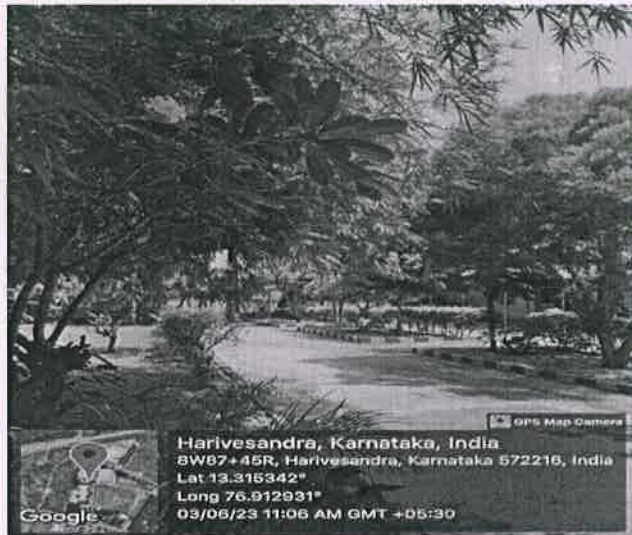
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GREEN CAMPUS ACTIVITIES

Green campus, by the word itself we can know that there is an very much importance is given now a days for the green initiative and maintenance of the greenery in and around the campus. Currently in the world there is existence of the global warming, by practicing the green environment for maintaining the clean air and good health of the students as well as the staff members, some of the practices are as follows.

1. Pedestrian Friendly pathways.
2. Landscaping with trees and plants.
3. Disabled Friendly Ramps and Lifts

Pedestrian Friendly pathways.



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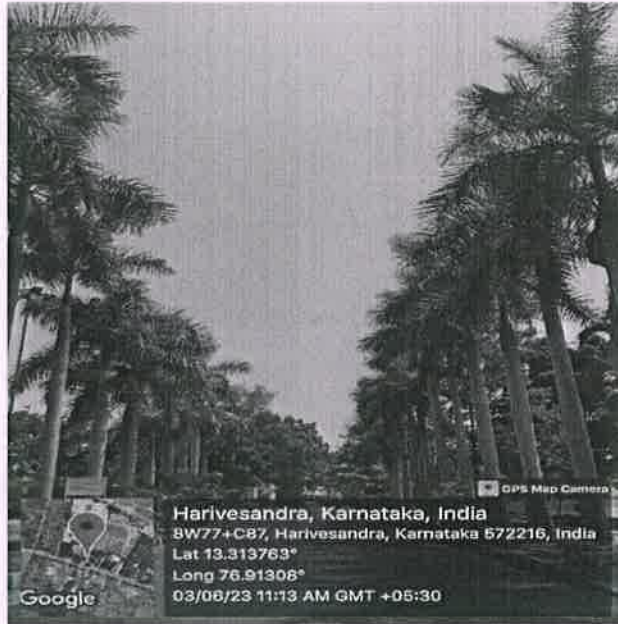
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Landscaping with trees and plants



Disabled Friendly Ramps and lifts:



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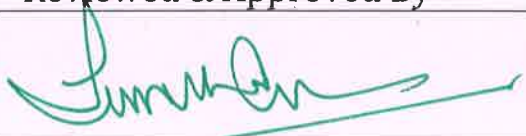
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Conclusion:

This Green Campus Policy serves as a commitment to our collective responsibility for environmental stewardship. We believe that these initiatives will contribute to a healthier and more sustainable future while setting a positive example for our educational community.

REVISION OF RULES AND REGULATIONS

The institution reserves the right to revise or amend the Green Campus Policy, Rules, from time to time as required by institution. Such changes made will be informed through notices/circulars and they shall abide by the revised/amended Policy.

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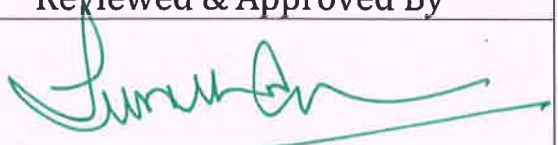
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