

Chikkanna Government Arts College, Tiruppur - 641 602

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures

The organisation is gradually implementing energy-saving strategies and switching to alternate energy sources. All the street lights have already been upgraded to LED bulbs.

Common areas like verandahs and other areas are also increasingly being lit with LED technology.

Electronic chokes are used in place of the tube lights to significantly reduce the amount of electricity used.

The PWD has been asked to send a proposal for solar lighting and a solar energy production system to the DCE.

As part of the green programme, the campus is now equipped with a variety of gardens and green spaces (thanks to the NSS units of the college and numerous philanthropists), which has naturally reduced the amount of heat in the area.

Since 2020, a green audit has been conducted on a regular basis, and improvements have been made.




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*Chikkanna Govt. Arts College
Tiruppur*

LED Lighting Facilities in the walk way of various blocks



Latitude: 11.10837
Longitude: 77.319785
Elevation: 364.7752 m
Accuracy: 14.9 m
Time: 24-08-2022 11:27
Note: LED LAMP



Powered by NoiteCam



Latitude: 11.108303
Longitude: 77.520028
Elevation: 364.7753 m
Accuracy: 12.4 m
Time: 24-09-2022 11:27
Note: LED LAMP

Powered by MeterCam

Latitude: 11.108305
Longitude: 77.320016
Elevation: 367.774777m
Accuracy: 12.8 m
Time: 24-08-2022 11:26
Note: LED LAMP



2022/08/24 11:26



Latitude: 11.108624
Longitude: 77.320223
Elevation: 364.7719 m
Accuracy: 19.7 m
Time: 24-09-2022 11:24
Mode: LED LAMP

www.ledlamp.com

Latitude: 11.108457
Longitude: 77.320263
Elevation: 304.77±1.1 m
Accuracy: 17.0 m
Time: 24-08-2022 11:25
Note: LED LAMP



www.scribd.com

Latitude: 11.108317
Longitude: 77.320012
Elevation: 307.67±2.27 m
Accuracy: 6.0 m
Time: 24-08-2022 11:29
Note: LED LAMP



Powered by Mobicam

**CHIKKANNA GOVERNMENT ARTS COLLEGE
TIRUPUR 641602**

7.1.5 - Green campus initiatives

7.1.5.1 - The institutional initiatives for greening the campus

Through the "reuse, reduce, and recycle" attitude, Chikkanna Government Arts College, NCC, and NSS place priority on decreasing waste material and its correct disposal on campus. The college consistently works to reduce waste as part of the campus's "Green" campaign to maintain the area's cleanliness and ecological balance.

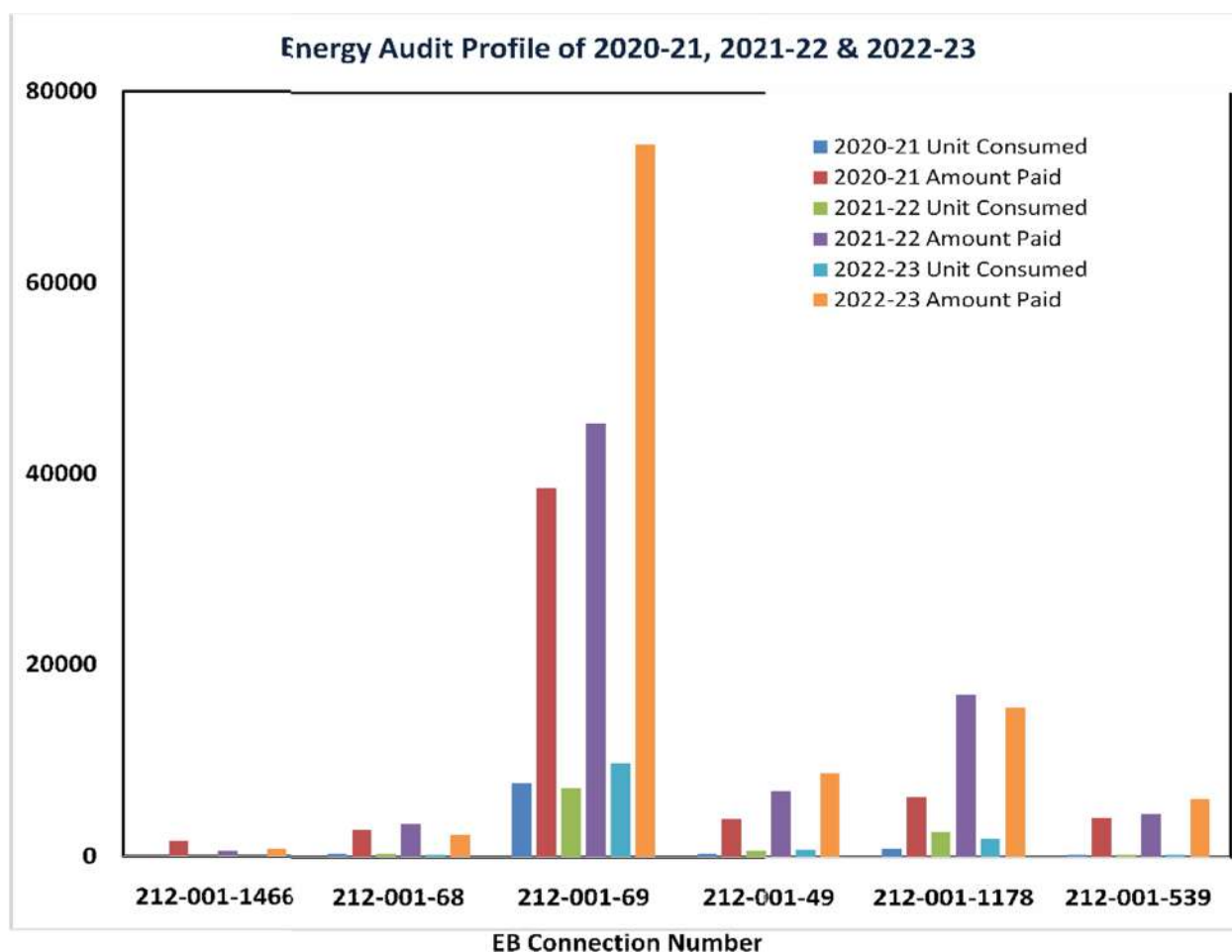
In terms of collection, segregation, and disposal, a green strategy is used. The institution successfully disposes of generated waste, which is divided into solid, liquid, and electronic waste, to keep the campus clean and environmentally friendly. The college has used a variety of methods to control these trash. It contains:

1. Campus Garden
2. Encourage Reusable Water Bottles
3. Distinct waste bins for Trash and Recycling
4. Opt for Low-Emission gaseous fuel (LPG)
5. Offer subjects in environment in the curriculum.
6. Limit Food Waste
7. Invest in Clean Energy
8. Choose Electronics over Paper

The college assures a clean procedure in all of its programmes as part of the plastic-free campus goal. Green campaigning makes sure that all programmes utilised on campus to lessen plastic pollution follow the green protocol. Through automation and persistent attempts to limit the use of plastic carry bags on campus, the Initiative for Paperless Office may be achieved to some extent.

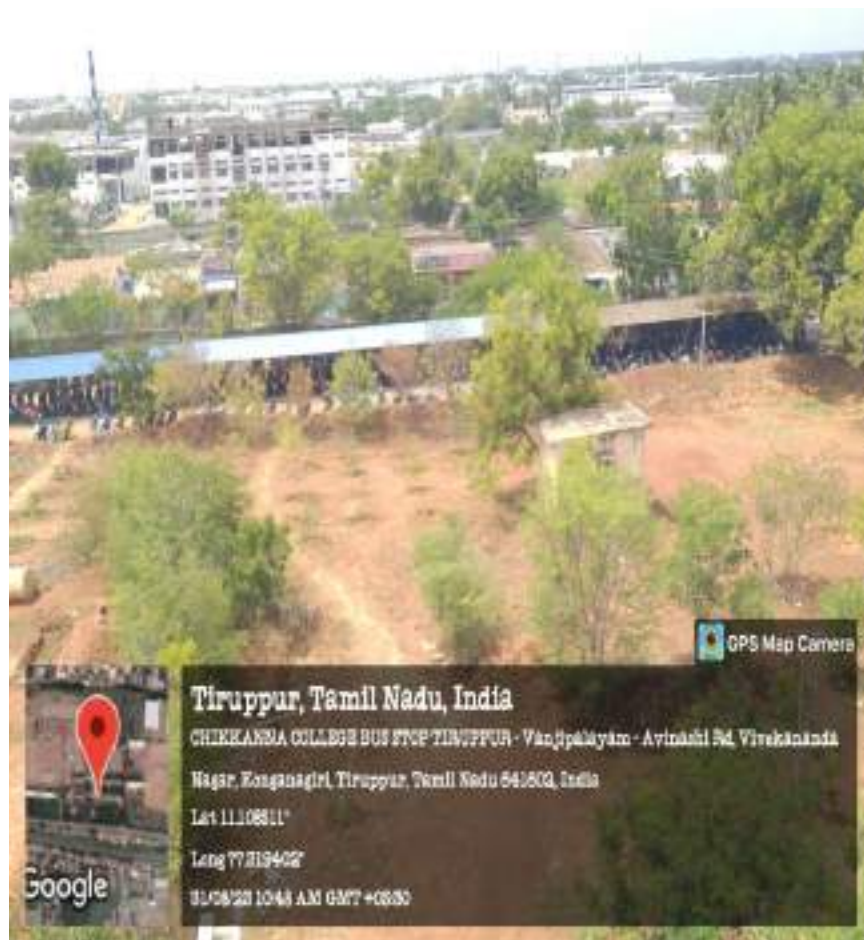
Energy consumption profile of the institution for last three years

Connection	2020-21		2021-22		2022-23	
	Unit Consumed	Amount Paid	Unit Consumed	Amount Paid	Unit Consumed	Amount Paid
212-001-1466	1	1644	1	603	0	777
212-001-68	323	2873	323	3495	277	2411
212-001-69	7667	38546	7219	45323	9787	74531
212-001-49	435	4042	702	6909	825	8732
212-001-1178	940	6309	2683	16950	1967	15596
212-001-539	225	4151	217	4486	277	6097



Note: Since most of the administrative rooms are located in A Block and also the same EB line is connected to MGR, B, E, canteen and also the newly constructed F Block the consumption is higher. After the introduction of LED bulbs and electronic chokes, the consumption found to be reduced to some extent.









GPS Map Camera



Tiruppur, Tamil Nadu, India

CHIEKKA NNA COLLEGE BUS STOP TIRUPPUR - Vanjipalayam - Avinashi Rd, Vivekananda

Nagar, Kongaajiri, Tiruppur, Tamil Nadu 641603, India

Lat 11.558311°

Long 77.810402°

21/08/20 09:55 AM GMT +05:30

Google

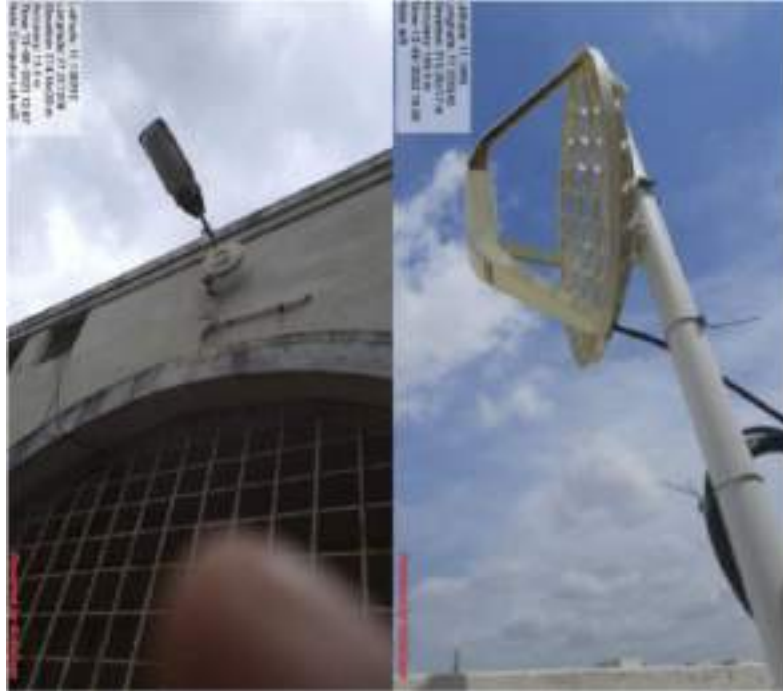
Restricted entry of automobiles: All automobiles are restricted near the main gate parking area.



Use of riding bicycles or battery operated motor cycles are recommended inside the college premises. Use of LED street light and room lights are implemented inside the campus.



USE OF BICYCLE INSIDE THE CAMPUS



Eco-friendly pedestrian pathways and pavements are constructed inside the campus to emphasis green initiative.



Beautiful Landscaping are done for the aesthetic appeal as a green initiative.





Plastic free campus campaigning is initiated and a suitable protocol is followed as green initiative.



Waste Management

Solid Waste

Food waste, plastic, and paper are the most common solid waste materials generated at the college. Food trash from the school is collected by placing waste bins throughout the campus. Plastic waste on campus is collected by installing different coloured rubbish containers at various points throughout the campus. The garbage is separated into biodegradable and non-biodegradable wastes.

In college, there is a vermi-unit on campus that is used to compost organic garden waste and manure from the vermi-unit. A small vegetable garden on campus produces

vegetables for local use. Organic farming is practiced to educate students about sustainable agricultural practises and to encourage faculty and students to consume organic veggies. Various departments and clubs run programmes to educate students about sustainable living practises. The college organises a variety of programmes, including a plastic-free campus campaign, a recycling plastic campaign, and an awareness campaign. Instead of purchasing bottled water, students took the effort to purchase refillable bottles to take around campus, and they also encouraged students to utilise paper pens. Cloth bags were introduced at the initiative of the Tamilnadu government. NSS plans a training course for the usage of cloth bag.







Liquid Waste

The major liquid waste includes effluents from toilets are collected in the separate septic pits and allowed to settle anaerobic decomposition. Since the waste water pits are located near the garden area water gets naturally filtered. The laboratories were advised to use dilute chemicals to the maximum extents and liquid waste are collected separately and not allowed to mix with other liquid waste.

The college management implement a rain water harvesting units and to utilize the rain water to recharge water table. Artificial pond to harvest rain water which can load approx., 1, 30,000 liters of water is expected to be naturally filtered through this system.

Rain water harvesting pond in the college-filled to the brim on a good Rainy day



Rain Water Harvesting : <https://www.youtube.com/watch?v=8JA5YdCxGtY>



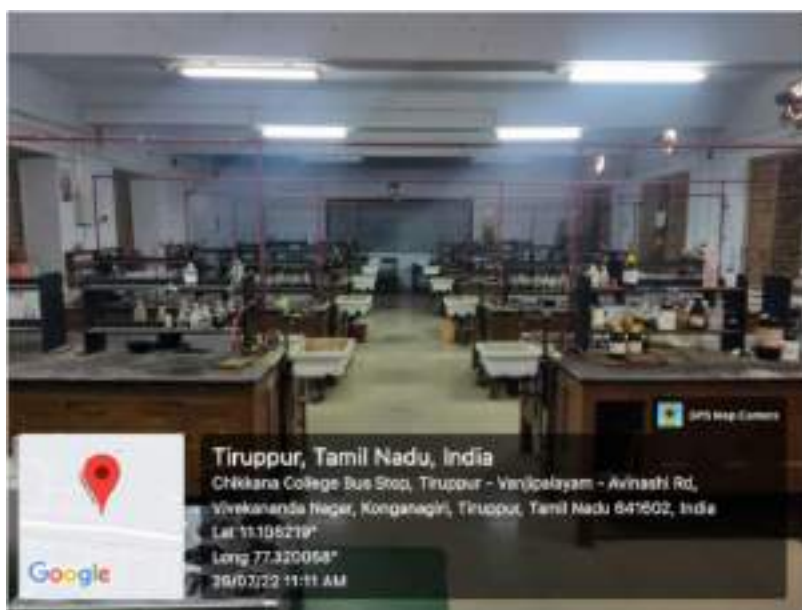




The college following Good Laboratory Practices to ensure the safety of the personnel and adheres to a strict protocol of liquid waste disposal. Indiscriminate use of chemicals is

discouraged during practical classes and laboratory liquid chemical waste are safely collected of. Any glassware used in the laboratory is rinsed with minimum water. Opt for Low-Emission of gaseous fuel such as LPG in the lab.

The liquid waste is segregated into organic and inorganic waste. Inorganic waste such as concentrated acidic or alkaline solutions are neutralized before disposal. Sodium bicarbonate or Calcium oxide (lime) is used for the neutralization process so that the neutralized liquid contains no harmful substance.



E-Waste

Periodic checking ensures the proper disposal of non-working electronic items. E-waste generated cause damage to human health as also the environment. Computers, printers and other ICT equipments are disposed-off through MSTC (A government of India Enterprise) 'MINI RATNA' following office guide lines.



Q. J. S. S. S.
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7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non - degradable waste

E-Waste Management: The DCE has a contract with a commercial company that allows for the creation of a digital trash depository that is then appropriately recycled or disposed of online, making the process more efficient.

Liquid Waste Management:

Watering campus trees and using a good drainage system created by the PWD are two ways that liquid waste is controlled.

Hazardous chemicals:

- Consumption to requirement
- Sodium waste is managed through proper method using sand and water
- Acid and Base is checked for PH and disposed after neutralisation

Solid Biodegradable wastes:

The waste is gathered, piled up, and then composted in the college's vermin composting unit. The many gardens at the college, which are kept up by the students, get the manure that has been created.

Solid Non-biodegradable wastes:

Even though Plastic is banned inside the campus some unavoidable usage of the Plastic which sre trashed are taken up for recycling by the Corporation of Tiruppur Ward- 2.

The other wastes are not applicable to the college.



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#CleanIndia2.0 #SwachhBharat|College Campus| Chikkanna Govt Arts College | Bharathiar University

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<https://youtu.be/yFNoMzSGgYk?si=xr8qnFxFVf8GKTI4>



<https://images.app.goo.gl/LHbtDzqt6tUUoVJ59>



<https://youtu.be/yFNoMzSGgYk?si=xr8qnFxFVf8GKTI4>

The Bio-degradable wastes are composted in the Vermi-Composting Facility and the manure is used for Vegetable and other gardens of the college.





Chikkanna Government Arts College College Road, Tiruppur-641602

Rainwater Harvesting Facilities

Recent Videos: <https://youtu.be/fsOLE22qiaY?si=-nTjAlXrID4-kn1E>
https://youtu.be/va6qbgXZNL0?si=X7g3tr-9bCnfPv_a

Rain water harvesting pond in the college- Filled to the brim on a good Rainy day



#RainwaterHarvestingSystem in Chikkanna Govt Arts College Tiruppur #ssngg0 @ssngg0 @ssngg0 NSS Pond
Green BOX TAMIL
148 views · Sep 4, 2022



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148 views · Sep 4, 2022

YouTubeLink: <https://youtu.be/fsOLE22qiaY?si=-nTjAlXrID4-kn1E>



திருப்பூரில் பயிற்சாரம் | மனழ மலிழ்ச்சியா இல்லை சங்கடம் | Chikkanna Govt Arts College | NSS Pond| Green BOX TAMIL 4.9K subscribers 29 29 Share Download Save



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YouTubeLink: https://youtu.be/va6qbgXZNL0?si=X7g3tr-9bCnfPv_a

RainWaterHarvestinginvariousBlocks





Latitude: 11.105448
Longitude: 77.319748
Elevation: 307.36 m
Accuracy: 23.6 m
Time: 25-08-2022 10:00
Note: Rainwater harvesting

Powered by NoteCam



Latitude: 11.106791
Longitude: 77.319999
Elevation: 307.36 m
Accuracy: 22.5 m
Time: 25-08-2022 10:03
Note: Rainwater harvesting

Powered by NoteCam



சுபாஷ்
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Chikkanna Governemnt arts College, Tirupur - 641 602

7.1.7 - The Institution has disabled-friendly, barrier free environment

- To provide support for the differently abled students in accomplishing their academic goals
- Differently abled students needed support in the form of study materials, scribe arrangement, etc
- Differently abled students were provided with study materials in audio format with the help of faculty and students, scribe was arranged for writing the exam, helped in getting government schemes, exam fees paid by the faculty





Latitude: 11.108013
Longitude: 77.318824
Elevation: 307.46±18 m
Accuracy: 24.5 m
Time: 13-08-2022 11:46
Note: B block restroom

Powered by Notecam

DIVYANGJAN-FRIENDLY RESTROOM IN B BLOCK



RAMP IN MGR BLOCK



RAMP IN E BLOCK



RAMP IN F BLOCK



Ramp in F block Rest Room



Scribe Exam



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