

Estd : 1966-67

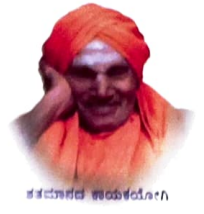


Sri Siddaganga Education Society (R.)

SREE SIDDAGANGA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Affiliated to Tumkur University)

B.H. Road, TUMKUR - 572 102.



Ph : (Off:) 0816-2278569, E-mail : principal.sscasc@gmail.com Website : www.sscasc.org



ಶ್ರೀ ಸಿದ್ಧಗಂಗಾ ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು, ಬಿ.ಹೆಚ್. ರಸ್ತೆ, ತುಮಕೂರು - 2.

S.S.C.A.S.C./

Date: 10-03-2020

ENVIRONMENTAL AUDIT 2019-2020

President:	Dr.R.Ananda kumari, Principal
Co-Ordinator:	Geethanjali K S, Department of Botany
IQAC Coordinator:	C.S. Somashekaraih, Department of Physics
NAAC Coordinator:	Anil kumar M

Eco Club Members List

Class	Combination/ Section	Name
I BA	HEP	Meghana S,
I BA	HSK	Hareesh M.S, Vaishnavi R
I BA	HEE	Janani C, Madesh
II BA	HEP	Manohar B U, Mamatha Rani Mohanthi
II BA	HSK	Mallikarjun
III BA	HEP	Shashidhara, Triveni
III BA	HSK	Govindaraju
I B.Sc	PCM	Abhishek T J, Bhoomika M
I B.Sc	PMCs	Nikhil T S
I B.Sc	CBZ	Rangalakshmi, Kiran P
I B.Sc	CZBt	Uday Kumar M,
II B.Sc	PCM	Mahadevaprasad D R, Usha B. K
II B.Sc	PMCs	Rakesh R Aradhya, Shivaganga P U
II B.Sc	CBZ	Nalina, Venkatesh
II B.Sc	CZBt	Gurukiran, Bharathi
III B.Sc	PCM	Rangaswamy, Rashmi V K
III B.Sc	PMCs	Dinesh Babu D.N, Arphitha M
III B.Sc	CBZ	Aishwarya, Rudresh
I BCA		Manvanth L J, Bhoomika M
II BCA		Tejraj, Sushmitha
III BCA		Meghana, Lavankishore T K

PTO

I B.Com	A	Bhavana, Anil G
	B	Kavitha S, Mahamad Raheem
	C	Swathi K A, Vinay Patel
II B.Com	A	Karthik N, Aditi R G
	B	Nagaveni S.N, Yathish Gowda
III B.Com	A	Gowtham K R, Arathi K Ravani
	B	Sahana, Channakanthi Bharath
I BBM		Yathish, Bhoomika
II BBM		Sangeetha, Moneesh M G
I M.Com		Darshan
II M.Com		Samreen, Roshan


Signature of the Coordinator

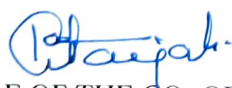

Signature of the Principal
PRINCIPAL
Sree Siddaganga College of
Arts, Science and Commerce
B.H.Road, TUMAKURU - 572102

**Sree Siddaganga College of Arts, Science and Commerce,
B.H. Road, Tumkur,**

ENVIRONMENTAL AUIDIT 2019-20

SELF ASSESSMENT REPORT

CRITERIA	INDICATOR	SCORE VALUE LOW/MEDIUM/ HIGH
Enhanced Greenery/ Biodiversity	Species Richness	HIGH
Waste management	Collection and Segregation of Waste	HIGH
Water Conservation	Rainwater harvesting No wastage of water	HIGH
Energy Conversation	No wastage of Energy	HIGH
Sanitation	Toilet Facility Functional , Clean Drinking water	HIGH
	Average Score Value	HIGH



SIGNATURE OF THE CO- ORDINATOR

H.O.D. OF BOTANY

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SIGNATURE OF THE PRINCIPAL

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➤ Yes.

If yes how many rain water harvesting units are there?

➤ One

26. Are you aware of any environmental laws pertaining to different aspects of environmental management?

➤ Yes.

27. Does your college have any rules to protect the environmental?

➤ Yes

1. Ban of plastic usage in canteen and Avoid plastics in the campus
2. No wastage of water
3. Use of dust bins to keep the campus clean
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ENVIRONMENTAL AUDIT 2019-2020

Name of the College and Address : Sree Siddaganga College of Arts, Science
and Commerce, B.H. Road, Tumkur,

Telephone No: 0816-2278569

Email: principal.sscasc@gmail.com

President: Dr.R. Ananda kumari, Principal

Co-Coordinator: Geethanjali K S, Department of Botany

IQAC Coordinator: C.S. Somashekaraiah, Department of Physics

NAAC Coordinator: Anil kumar.M

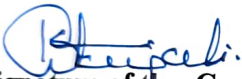
Date Commenced: 20th July 2019

Date completed: 30th March 2020


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ECO-CLUB 2019-2020

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Co-Ordinator: Geethanjali K S Department of Botany
IQAC Coordinator: C.S. Somashekaraiah, Department of Physics

Date Commenced: 20th July 2019
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1. What is the total strength of students and teachers of the college?

No of students

No of Teachers

Sl.no	Combination	Students strength
1	B A	248
2	B.Sc	612
3	B.Com	527
4	BBM	51
5	BCA	211
6	M.COM	78
	TOTAL	1727

1	Number of UGC Staff	22
2	Number of Management Staff	21
3	Number of Part time Staff	42
	TOTAL	85

2. Which of the following are available in your college?

1. Garden Area:--yes-- 5. Garbage dump (number):--02--
2. Play ground:--Yes-- 6. Laboratory:--Yes--
3. Kitchen: --No-- 7. Canteen:--yes--
4. Wash room:--yes-- 8. Others:--Yes--

3. Which of the following are found near your college?

1. Municipal dump yard: No--
2. Garbage heap: -No--
3. Public convenience: --yes--

- 4. Sewer line: --yes--
- 5. Stagnant water: --No--
- 6. Open drainage --yes--
- 7. Industry (mention the type):--No--
- 8. BUS/ Railway station: --yes--
- 9. Market/ shopping complex/ public halls:--yes--

4. Does your college generate any waste?

If so, what are they? --Yes--

- Paper
- canteen waste
- e waste

What is the approximate amount of waste generated per day?(in kilograms) (approx.)

Approx	Bio degradable	Non Bio degradable	Hazardous	Others
< 1Kg.	-	-	-	-
2-10Kg.	biodegradable	NO	Chemical waste from labs	-
< 10Kg.	-	-	-	-

5. How do you manage the waste generated in the college?

- We manage waste by composting.

6. How many separate boxes do you think you would need to put in to a class room to start a waste segregation and recycling campaign?

95

7. What would each be used for?

- One in each classroom, one in each corridor and near canteen, lab and office room, one in each lab, Library, Seminar hall, 6 in garden area

8. How would you spread the message of recycling to others in the community? What initiatives have you taken?

- NSS Students play important role during NSS camps every year.
- Teachers organize lectures in every camp to create awareness among community.

9. Can you achieve zero garbage in your college?

- Possible.
- Not 100%

10. Is there a garden in your college?

- Yes

List the plants there, with approx., numbers of each species

FLORA IN COLLEGE CAMPUS 2019-2020

➤ **TREES**

SL NO	COMMON NAME	BOTANICAL NAME	FAMILY	Total number
01	coconut	Cocos nucifera	Arecaceae	01
02	Sandal wood	Santalum album	Santalaceae	02
03	Banyan	Phycus bengalis	Moraceae	01
04	Pupil	Phycus religiosa	Moraceae	04
05	Travellers tree	Musa madagacarensis	Musaceae	01
06	Rain tree	Samanas saman	Mimosae	01
07	Pongamea(Hongae)	Pongamia glabra	Papilionaceae	2
08	Nagalinga pushpa	Couroupita guianesis	Lecythidaceae	02
09	Pelto Porum	Peltoporum pterocarpum	Fabaceae	01
10	Ficus	Ficus elastica	Moraceae	02
11	Aegle	Aegle masrmelosus	Rutaceae	01
12	Neem plant	Azardichta indica	Meliaceae	02
13	Teak	Tectona grandis	Verbinaceae	01
14	Jack fruit	Artocarpus heterophyllus	Moraceae	01
15	Banana	Musa paradissiaca	Musaceae	02
16	Golden Cyprus	Cyprus	Cupressaceae Gymnosperma	6
17	Banni	Prosopi scineraria	Mimosaceae	01
18	Rain tree	Samania ssaman	Mimosae	02
19	Drum stick(Nuggae)	Moringa lifera	Moringaceae	02
20	Areca nut	Areca catechu	Arecaceae	44
21	Goose berry(Nelli)	Phyllanthus emblica	Euphorbiaceae	03
22	Naeralae	Syzygium cumini	myrtaceae	
23	Bottle palm	Hyophobe lagnicaulis(Palmistegarguoulette)	Arecaceae	02
24	Jakai	Terminalia chebula	Combritaceae	01
25	Baobab	Nyctanthes arboratristis	Oleaceae	01
26	Papaya	Carica papaya	Caricaceae	01
27	Pomogranite	Pomogranate granatum	Lythraceae	01
28	Guava	Psidium guavaja	Myrtaceae	01

MEDICINAL PLANTS/ AROMATIC AND ORNAMENTAL PLANTS

Sl.No	Common name	Botanical name	Name of the Family
1	Nelaneli	Phyllanthus amarus	Euphorbiaceae
2	Madhunashini	Gymnema sylvestris	Asclepiadaceae
3	Turmeric	Curcuma longa	Zingiberaceae
4	Asparagus	Asparagus officinales	Liliaceae
5	Lemon grass	Cymbopogon citratus	Gramineae
6	Vasaka	Adathoda Vasica	Acanthaceae
7	Ginger	Zingiber officinalis	Zingiberaceae
8	Satavari	Asparagus racemoses	Liliaceae
9	Deadly night shade	Solanum nigrum	Solanaceae
10	Coleus	Coleus aromaticus	Lamiaceae
11	Bowstring hemp	Sansevieria zeilanica	Dracenaceae
12	Maruga	Origanum majorana	Lamiaceae
13	Pudina	Mentha spicata	Lamiaceae
14	Kaggaralae	Cinnamon Basil	Lamiaceae
15	Jatropa	Jatropa curcas	Euphorbiaceae
16	Tulasi	Oscimum	lamiaceae
17	Brhami (Ondalga)	Ondalgabrahmi	Apiceae
18	Lolae rasa	Aloe Vera	Liliaceae
19	Uttarani	Achyranthus aspera	Amaranthaceae
20	Nagadali	Ruta graveolens	Rutaceae
21	Vishamadhari	Clerodendron	Verbinaceae
22	Doddapatrae	Plectranthus amboinicus	Lamiaceae
23	Amrutha balli	Tenospora cardifolia	Menispermaceae
24	Calotropis	Calotropis gigantia	Asclepiadaceae
25	Money plant (Pothas)	Epipremnun aureum	
26	Nephrolepis	Nephrolepis	Polypodiaceae
27	Vitis	Vitis quadrangularis	Grape family
28	Pistia	Pistia species	Hydrocharitaceae
29	Hydrilla	Hydrilla verticellata	Hydrocharataceae
30	Kalli	Euphorbia tirukalli	Euphorbiaceae
31	Opuntia	Opuntia humifusa	Cactaceae
32	Air plant(Brhama kamala)	Bryophyllum	Crassulaceae
33	Rheo	Rheo discolour	Commelinaceae
34	Oxalis	Oxalis	Oxalidaceae
35	Hamelia	Hamelia patens	Rubiaceae
36	Hibiscus	Hibicus species	Malvaceae
37	Fountain palm	Palm	Arecaceae
38	Plumeria	Plumeria alba	Apocynaceae
39	Duranta	Duranta plumeri	Verbinaceae
40	Euphorbia	Euphorbia tirukalli	Euphorbiaceae

11. List ten ways that you use energy in your college (Electricity, LPG, Firewood, Others)

Using this list try to think of ways that you could use less energy every day

Sl. No		Reduction of usage
1	Electricity	Standby, switch off when not required.
2	LPG	Used in chemistry lab and Bio technology labs instead of electricity.
3	Solar	In Laboratories of Department of Computer science, Mathamatics, Botany and Zoology

12. Are there any energy saving methods employed in your college?

➤ Yes .

If yes, specify

- Solar lamps
- CFL
- LED Bulbs
- LCD projector-DLP projector

13. How much money does Your College spend on energy such as electricity, Gas, Firewood, etc in a month Record it

Record monthly

Month	Electricity bill amount in Rs	LPG/ firewood consumption	Fuel for generator / lab equipments
July	38492		
August	39443		
Sept	37454		
Oct	35265		
Nov	28701		
Dec	29162		
Jan	33682		
Feb	35824		
March	37938		
Total	315961		

14. Are there any alternative energy sources employed/ installed in your college (photovoltaic cells, solar energy, wind mills, energy efficient stoves etc) specify

➤ Yes, Solar energy

15. Do you run "switch off" drills at the end of each day?

➤ Yes.

16. Are your computers put on power saving mode?

➤ Yes.

17. Does your machinery (TV, AC, Computer, weighing balance, printers etc) run on standby modes most of the time? If yes how many hours?

➤ yes. 5hrs

18. Do you use recycled paper/ wrapping for your college activities?

➤ Yes, we use Bio degradable papers

19. List four usages of water in your college.

- 1) Laboratories
- 2) Wash Rooms
- 3) Canteen
- 4) Drinking water
- 5) Garden

20. How does your college store water?

➤ Sump

21. a. Are there any water saving techniques followed in your college?

What are they?

- Rain Water Harvesting
- Waste water from water purifier for hand wash

b. If there is water wastage, specify why.

➤ No

22. How can the wastage be prevented/ stopped?

- Maintenance of Taps in good condition
- Rain water harvesting

23. a. Where does your water come from? (Source)

➤ Bore well.

b. Where does the water go?

- For usage for drinking
- Usage in Labs
- Usage in Laboratories

24. Write down four ways that could reduce the amount of water used in your college.

1. Replacement of leaking taps.
2. Creating awareness about importance of water.
3. Installing no flush tanks in the Wash Rooms.
4. Use of recycled water to water plants in Garden area.

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➤ Yes.

If yes how many rain water harvesting units are there?

➤ One

26. Are you aware of any environmental laws pertaining to different aspects of environmental management?

➤ Yes.

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c.p.r. environmental education centre

State Office: Harshasiddhi, 2nd Cross, Fakir Palya,
Someshwarapuram Post, Near Siddhaganga Municipal Park,
Tumakuru - 572 102.
Mobile: 09449150242

Date: 17th August 2020

CERTIFICATE

This is to certify that Sree Siddaganga College Of Arts,
Science And Commerce, Tumakuru has done the
Environmental Audit of the College through the Eco Club for
the year 2019-2020 and the self-assessment indicates
H (High-Green). This is found to be correct.

auri
(Ravi Shankar)
Project Officer



Registered office: C.P.R. Environmental Education Centre, 1 Eldams Road, Alwarpet, Chennai - 600 018.
Phone: 91-44-24346526 / 24337023 Fax: 91-44-24320756
E-mail: cpreec@gmail.com
Websites: www.cpreec.org / www.cpreecenvs.nic.in

Established jointly by the Ministry of Environment, Forest & Climate Change, Government of India,
and The C.P. Ramaswami Aiyar Foundation